

OTTER TAIL POWER COMPANY

Current and Updated Parameters
Vintage Group Procedure

Statement F

Account Description A	Current Parameters						Updated Parameters					
	P-Life/ AYFR B	Curve Shape C	VG ASL D	Rem. Life E	Avg. Sal. F	Fut. Sal. G	P-Life/ AYFR H	Curve Shape I	VG ASL J	Rem. Life K	Avg. Sal. L	Fut. Sal. M
Amortizable												
391.00 Office Furniture	15.00	SQ	15.00	5.80			15.00	SQ	15.00	4.89		
391.10 Office Equipment	10.00	SQ	10.00	3.64			10.00	SQ	10.00	3.21		
391.20 Duplicating Equipment	10.00	SQ	10.00	4.89			10.00	SQ	10.00	4.44		
391.50 Computer Systems	5.00	SQ	5.00	2.34			5.00	SQ	5.00	1.75		
391.60 Computer Related Equipment	5.00	SQ	5.00	2.12			5.00	SQ	5.00	2.39		
394.00 Tools, Shop and Garage Equipment	15.00	SQ	15.00	7.19			15.00	SQ	15.00	6.69		
394.20 Automated Meter Reading Equipment	15.00	SQ	15.00	6.32			15.00	SQ	15.00	5.65		
397.00 Communication Equipment	15.00	SQ	15.00	10.78			15.00	SQ	15.00	9.78		
397.10 Radio Telecommunication Equipment	10.00	SQ	10.00	1.46			10.00	SQ	10.00	1.00		
397.20 Microwave Equipment	15.00	SQ	15.00	8.11			15.00	SQ	15.00	7.11		
397.30 Radio Load Control Equipment	10.00	SQ	10.00	3.03			10.00	SQ	10.00	2.21		
Total Amortizable			9.69	4.77					9.17	4.03		
Total General Plant			20.28	11.84	8.9	16.4			19.18	10.63	8.8	16.1
TOTAL UTILITY			39.15	27.87	-13.5	-15.1			45.20	28.25	-12.6	-14.0
STEAM PRODUCTION												
Big Stone												
311.00 Structures and Improvements	2046	200-SC	34.61	25.60	-5.8	-5.7	2046	200-SC	34.53	24.66	-5.9	-5.8
312.00 Boiler Plant Equipment	2046	200-SC	32.92	25.60	-8.7	-5.7	2046	200-SC	32.92	24.67	-9.0	-5.8
312.10 Boiler Plant Equipment - Landfill												
314.00 Turbogenerator Units	2046	200-SC	42.31	25.58	-1.9	-5.7	2046	200-SC	42.25	24.64	-2.0	-5.8
315.00 Accessory Electric Equipment	2046	200-SC	36.79	25.59	-6.1	-5.7	2046	200-SC	36.81	24.66	-6.2	-5.8
316.00 Miscellaneous Power Plant Equipment	2046	200-SC	38.40	25.59	-3.3	-5.7	2046	200-SC	38.02	24.65	-3.2	-5.8
Total Big Stone			34.29	25.60	-7.2	-5.7			34.28	24.66	-7.4	-5.8
Hoot Lake Units 2 and 3												
311.00 Structures and Improvements	2021	200-SC	36.45	1.50	-23.2	-18.9	2021	200-SC	36.51	1.00	-23.2	-18.9
312.00 Boiler Plant Equipment	2021	200-SC	14.46	1.50	-22.1	-18.9	2021	200-SC	14.46	1.00	-22.1	-18.9
312.10 Boiler Plant Equipment - Landfill	2051	200-SC	35.92	30.24			2051	200-SC	35.94	29.32		
314.00 Turbogenerator Units	2021	200-SC	23.29	1.50	-16.9	-18.9	2021	200-SC	23.29	1.00	-16.9	-18.9
315.00 Accessory Electric Equipment	2021	200-SC	26.62	1.50	-20.6	-18.9	2021	200-SC	26.68	1.00	-20.6	-18.9
316.00 Miscellaneous Power Plant Equipment	2021	200-SC	13.04	1.50	-11.2	-18.9	2021	200-SC	13.04	1.00	-11.2	-18.9
Total Hoot Lake Units 2 and 3			18.55	3.71	-18.2	-16.1			18.56	3.18	-18.2	-16.1

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	P-Life/ AYFR B	Curve Shape C	VG ASL D	Rem. Life E	Avg. Sal. F	Fut. Sal. G	P-Life/ AYFR H	Curve Shape I	VG ASL J	Rem. Life K	Avg. Sal. L	Fut. Sal. M
Coyote												
311.00 Structures and Improvements	2041	200-SC	49.33	20.87	-7.9	-8.6	2041	200-SC	49.49	19.93	-8.1	-8.7
312.00 Boiler Plant Equipment	2041	200-SC	39.92	20.89	-7.3	-8.6	2041	200-SC	39.90	19.94	-7.7	-8.7
312.10 Boiler Plant Equipment - Landfill												
314.00 Turbogenerator Units	2041	200-SC	37.11	20.89	-0.1	-8.6	2041	200-SC	37.45	19.95		-8.7
315.00 Accessory Electric Equipment	2041	200-SC	46.62	20.88	-7.6	-8.6	2041	200-SC	46.64	19.93	-7.7	-8.7
316.00 Miscellaneous Power Plant Equipment	2041	200-SC	33.95	20.90	-1.7	-8.6	2041	200-SC	32.20	19.95	-1.3	-8.7
Total Coyote			41.30	20.89	-6.2	-8.6			41.37	19.94	-6.5	-8.7
HYDRAULIC PRODUCTION												
Hoot Lake												
331.00 Structures and Improvements	2021	200-SC	61.74	1.50			2061	200-SC	97.26	38.04		
332.00 Reservoirs, Dams and Waterways	2021	200-SC	30.12	1.50	-0.1		2061	200-SC	80.36	38.16	-0.1	
333.00 Water Wheels, Turbines & Generators	2021	200-SC	36.41	1.50			2061	200-SC	71.91	38.24		
334.00 Accessory Electric Equipment	2021	200-SC	30.95	1.50			2061	200-SC	66.86	38.27		
335.00 Miscellaneous Power Plant Equipment	2021	200-SC	8.97	1.50			2061	200-SC	46.09	38.41		
Total Hoot Lake			27.15	1.50					74.52	38.21		
Wright												
331.00 Structures and Improvements	2021	200-SC	30.94	1.50			2061	200-SC	72.01	38.23		
332.00 Reservoirs, Dams and Waterways	2021	200-SC	9.63	1.50	27.1		2061	200-SC	50.72	38.37	27.1	
333.00 Water Wheels, Turbines & Generators	2021	200-SC	9.34	1.50	-3.6		2061	200-SC	48.04	38.39	-3.6	
334.00 Accessory Electric Equipment	2021	200-SC	16.86	1.50	2.2		2061	200-SC	54.32	38.35	2.2	
335.00 Miscellaneous Power Plant Equipment	2021	200-SC	12.26	1.50	-0.7		2061	200-SC	52.21	38.37	-0.7	
Total Wright			10.25	1.50	12.6				50.49	38.37	12.6	
Pisgah												
331.00 Structures and Improvements	2021	200-SC	39.05	1.50			2061	200-SC	77.81	38.19		
332.00 Reservoirs, Dams and Waterways	2021	200-SC	13.06	1.50			2061	200-SC	40.36	38.44		
333.00 Water Wheels, Turbines & Generators	2021	200-SC	16.00	1.50	-15.0		2061	200-SC	53.25	38.36	-15.0	
334.00 Accessory Electric Equipment	2021	200-SC	15.65	1.50	-0.3		2061	200-SC	53.20	38.36	-0.3	
335.00 Miscellaneous Power Plant Equipment	2021	200-SC	8.97	1.50	-0.6		2061	200-SC	46.09	38.41	-0.6	
Total Pisgah			13.55	1.50	-3.3				41.30	38.43	-0.7	

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	P-Life/ AYFR	Curve Shape	VG ASL	Rem. Life	Avg. Sal.	Fut. Sal.	P-Life/ AYFR	Curve Shape	VG ASL	Rem. Life	Avg. Sal.	Fut. Sal.
A	B	C	D	E	F	G	H	I	J	K	L	M
Dayton Hollow												
331.00 Structures and Improvements	2021	200-SC	10.00	1.50			2061	200-SC	47.07	38.40		
332.00 Reservoirs, Dams and Waterways	2021	200-SC	10.74	1.50	-10.2		2061	200-SC	46.81	38.40	-7.3	
333.00 Water Wheels, Turbines & Generators	2021	200-SC	14.26	1.50	-10.2		2061	200-SC	52.17	38.36	-10.2	
334.00 Accessory Electric Equipment	2021	200-SC	21.50	1.50	0.1		2061	200-SC	58.74	38.33	0.1	
335.00 Miscellaneous Power Plant Equipment	2021	200-SC	8.99	1.50	-0.2		2061	200-SC	46.15	38.41	-0.2	
Total Dayton Hollow			11.56	1.50	-8.5				48.05	38.39	-6.6	
Taplin Gorge												
331.00 Structures and Improvements	2021	200-SC	74.98	1.50			2061	200-SC	107.82	37.95		
332.00 Reservoirs, Dams and Waterways	2021	200-SC	16.40	1.50	-4.8		2061	200-SC	61.33	38.30	-4.8	
333.00 Water Wheels, Turbines & Generators	2021	200-SC	82.69	1.50			2061	200-SC	112.60	37.92		
334.00 Accessory Electric Equipment	2021	200-SC	22.33	1.50	-0.3		2061	200-SC	62.01	38.30	-0.3	
335.00 Miscellaneous Power Plant Equipment	2021	200-SC	11.60	1.50	1.8		2061	200-SC	50.56	38.38	1.8	
Total Taplin Gorge			16.72	1.50	-3.2				61.49	38.30	-3.2	
Bemidji												
331.00 Structures and Improvements	2021	200-SC	13.28	1.50	-0.1		2061	200-SC	50.61	38.38	-0.1	
332.00 Reservoirs, Dams and Waterways	2021	200-SC	13.09	1.50	-0.6		2061	200-SC	53.13	38.36	-0.6	
333.00 Water Wheels, Turbines & Generators	2021	200-SC	19.78	1.50	-11.2		2061	200-SC	57.62	38.33	-11.2	
334.00 Accessory Electric Equipment	2021	200-SC	73.22	1.50	-17.7		2061	200-SC	104.08	37.98	-17.7	
335.00 Miscellaneous Power Plant Equipment	2021	200-SC	11.96	1.50	-5.5		2061	200-SC	48.79	38.39	-5.5	
Total Bemidji			14.33	1.50	-3.1				53.83	38.36	-3.1	
OTHER PRODUCTION												
Jamestown												
341.00 Structures and Improvements			34.92	13.26	-6.1	-5.9			34.97	12.29	-6.1	-5.9
342.00 Fuel Holders and Accessories			28.55	13.26	-7.9	-5.9			28.52	12.30	-7.9	-5.9
343.00 Prime Movers			40.76	13.25	-7.2	-5.9			40.80	12.29	-7.1	-5.9
344.00 Generators												
345.00 Accessory Electric Equipment			36.92	13.26	-2.0	-5.9			36.94	12.29	-1.9	-5.9
346.00 Miscellaneous Power Plant Equipment			22.77	13.27	4.3	-5.9			22.79	12.30	4.3	-5.9
Total Jamestown			39.18	13.26	-6.9	-5.9			39.21	12.29	-6.8	-5.8

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Jamestown Unit 1												
341.00 Structures and Improvements	2033	200-SC	35.74	13.26	-6.1	-5.9	2033	200-SC	35.79	12.29	-6.1	-5.9
342.00 Fuel Holders and Accessories	2033	200-SC	28.24	13.26	-9.0	-5.9	2033	200-SC	28.26	12.30	-9.0	-5.9
343.00 Prime Movers	2033	200-SC	37.95	13.26	-8.3	-5.9	2033	200-SC	37.98	12.29	-8.3	-5.9
344.00 Generators												
345.00 Accessory Electric Equipment	2033	200-SC	56.04	13.24	-5.5	-5.9	2033	200-SC	56.14	12.28	-5.4	-5.8
346.00 Miscellaneous Power Plant Equipment	2033	200-SC	22.35	13.27	1.9	-5.9	2033	200-SC	22.37	12.30	1.9	-5.9
Total Jamestown Unit 1			36.49	13.26	-7.9	-5.9			36.52	12.29	-7.9	-5.9
Jamestown Unit 2												
341.00 Structures and Improvements	2033	200-SC	27.61	13.26	-5.9	-5.9	2033	200-SC	27.64	12.30	-5.9	-5.9
342.00 Fuel Holders and Accessories	2033	200-SC	32.24	13.25	-5.5	-5.9	2033	200-SC	31.56	12.28	-5.5	-5.8
343.00 Prime Movers	2033	200-SC	43.24	13.25	-6.3	-5.9	2033	200-SC	43.28	12.29	-6.2	-5.8
344.00 Generators												
345.00 Accessory Electric Equipment	2033	200-SC	21.31	13.27	3.2	-5.9	2033	200-SC	21.30	12.30	3.2	-5.9
346.00 Miscellaneous Power Plant Equipment	2033	200-SC	45.70	13.25	14.3	-5.9	2033	200-SC	45.78	12.29	14.3	-5.9
Total Jamestown Unit 2			42.19	13.25	-5.9	-5.9			42.22	12.29	-5.8	-5.8
Lake Preston												
341.00 Structures and Improvements	2033	200-SC	42.09	13.25	-6.9	-6.9	2033	200-SC	42.15	12.29	-6.9	-6.9
342.00 Fuel Holders and Accessories	2033	200-SC	39.90	13.25	-6.7	-6.9	2033	200-SC	39.90	12.29	-6.7	-6.9
343.00 Prime Movers	2033	200-SC	43.13	13.25	-6.7	-6.9	2033	200-SC	43.18	12.29	-6.7	-6.9
344.00 Generators												
345.00 Accessory Electric Equipment	2033	200-SC	42.10	13.25	-6.7	-6.9	2033	200-SC	42.16	12.29	-6.7	-6.9
346.00 Miscellaneous Power Plant Equipment	2033	200-SC	48.55	13.25	4.4	-6.9	2033	200-SC	48.64	12.28	4.4	-6.9
Total Lake Preston			42.73	13.25	-6.7	-6.9			42.78	12.29	-6.7	-6.9
Solway Combustion Turbine												
341.00 Structures and Improvements	2038	200-SC	31.30	18.06	-1.6	-1.6	2038	200-SC	31.33	17.10	-1.6	-1.6
342.00 Fuel Holders and Accessories	2038	200-SC	32.47	18.06	-1.5	-1.6	2038	200-SC	32.48	17.10	-1.5	-1.6
343.00 Prime Movers	2038	200-SC	30.40	18.06	-1.8	-1.6	2038	200-SC	30.32	17.10	-1.8	-1.6
344.00 Generators												
345.00 Accessory Electric Equipment	2038	200-SC	32.34	18.06	-1.5	-1.6	2038	200-SC	32.35	17.10	-1.5	-1.6
346.00 Miscellaneous Power Plant Equipment	2038	200-SC	29.74	18.06	-1.6	-1.6	2038	200-SC	29.75	17.10	-1.6	-1.6
Total Solway Combustion Turbine			30.70	18.06	-1.7	-1.6			30.65	17.10	-1.7	-1.6

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Fergus Falls Control Center												
341.00 Structures and Improvements												
342.00 Fuel Holders and Accessories												
343.00 Prime Movers	2030	200-SC	34.22	10.35	-4.0	-5.0	2030	200-SC	34.28	9.38	-4.0	-5.0
344.00 Generators												
345.00 Accessory Electric Equipment												
346.00 Miscellaneous Power Plant Equipment												
Total Fergus Falls Control Center			34.22	10.35	-4.0	-5.0			34.28	9.38	-4.0	-5.0
WIND PRODUCTION												
Ashtabula												
341.00 Structures and Improvements	2043	200-SC	33.63	22.79	-4.3	-4.3	2043	200-SC	33.66	21.85	-4.3	-4.3
344.00 Generators	2043	200-SC	33.36	22.79	-4.2	-4.3	2043	200-SC	33.31	21.85	-4.2	-4.3
345.00 Accessory Electric Equipment	2043	200-SC	33.32	22.79	-4.3	-4.3	2043	200-SC	33.35	21.85	-4.3	-4.3
346.00 Miscellaneous Power Plant Equipment	2043	200-SC	29.87	22.80	-4.3	-4.3	2043	200-SC	22.91	21.87	-3.6	-4.2
Total Ashtabula			33.36	22.79	-4.2	-4.3			33.31	21.85	-4.2	-4.3
Langdon												
341.00 Structures and Improvements	2042	200-SC	33.66	21.85	-5.0	-5.0	2042	200-SC	33.70	20.90	-4.9	-4.9
344.00 Generators	2042	200-SC	33.34	21.85	-4.9	-5.0	2042	200-SC	33.08	20.90	-4.8	-4.9
345.00 Accessory Electric Equipment	2042	200-SC	33.22	21.85	-5.0	-5.0	2042	200-SC	33.25	20.90	-4.9	-4.9
346.00 Miscellaneous Power Plant Equipment	2042	200-SC	25.83	21.86	-5.0	-5.0	2042	200-SC	23.09	20.92	-4.2	-4.9
Total Langdon			33.33	21.85	-4.9	-5.0			33.09	20.90	-4.8	-4.9
Luverne												
341.00 Structures and Improvements	2044	200-SC	33.61	23.73	-7.2	-7.2	2044	200-SC	33.63	22.79	-7.1	-7.1
344.00 Generators	2044	200-SC	33.18	23.73	-7.4	-7.2	2044	200-SC	33.13	22.79	-7.7	-7.1
345.00 Accessory Electric Equipment	2044	200-SC	33.60	23.73	-7.2	-7.2	2044	200-SC	33.63	22.79	-7.1	-7.1
346.00 Miscellaneous Power Plant Equipment	2044	200-SC	29.99	23.74	-7.2	-7.2	2044	200-SC	25.11	22.81	-6.3	-7.1
Total Luverne			33.22	23.73	-7.4	-7.2			33.15	22.79	-7.6	-7.1
Merricourt												
341.00 Structures and Improvements							2055	200-SC	33.47	33.01	-5.0	-5.0
344.00 Generators							2055	200-SC	33.47	33.01	-5.0	-5.0
345.00 Accessory Electric Equipment							2055	200-SC	33.47	33.01	-5.0	-5.0
346.00 Miscellaneous Power Plant Equipment												
Total Merricourt									33.47	33.01	-5.0	-5.0

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SOLAR PRODUCTION												
<u>Jamestown</u>												
343.00 Prime Movers							2044	200-SC	24.22	22.81	-1.0	-1.0
Total Jamestown									24.22	22.81	-1.0	-1.0
<u>Rush Lake</u>												
343.00 Prime Movers							2045	200-SC	24.22	23.75	-1.0	-1.0
Total Rush Lake									24.22	23.75	-1.0	-1.0

OTTER TAIL POWER COMPANY
Plant Activity for 2020

Statement G

Account Description A	Beginning Balance B	Additions C	Retirements D	Adjustments E	Transfers F	Ending Balance G
INTANGIBLE PLANT						
303.91 Software - 5 Yr.	\$ 8,945,673	\$ (797,714)	\$ 2,299,643	\$ -	\$ -	\$ 5,848,315
303.92 Software - 10 Yr.	20,540,434	(360,689)				20,179,746
Intangible Plant	\$ 29,486,107	\$ (1,158,403)	\$ 2,299,643			\$ 26,028,061
STEAM PRODUCTION						
311.00 Structures and Improvements	\$ 120,658,715	\$ 696,406	\$ 138,113	\$ -	\$ -	\$ 121,217,007
312.00 Boiler Plant Equipment	346,700,203	(1,024,713)	6,209,239			339,466,251
312.10 Boiler Plant Equipment - Landfill	10,412,772					10,412,772
314.00 Turbo Generator Units	66,959,044	(125,907)	931,619			65,901,518
315.00 Accessory Electric Equipment	35,770,319					35,770,319
316.00 Misc. Power Plant Equipment	6,694,669	248,359	151,840			6,791,188
Total Steam Production	\$ 587,195,721	\$ (205,855)	\$ 7,430,810			\$ 579,559,055
HYDRAULIC PRODUCTION						
331.00 Structures and Improvements	\$ 351,712	\$ -	\$ -	\$ -	\$ -	\$ 351,712
332.00 Reservoirs, Dams and Waterways	4,277,054	3,223,201				7,500,256
333.00 Water Wheels, Turbines and Gen.	1,373,867					1,373,867
334.00 Accessory Electric Equipment	597,103					597,103
335.00 Misc. Power Plant Equipment	435,296					435,296
Total Hydraulic Production	\$ 7,035,032	\$ 3,223,201	\$ -			\$ 10,258,233
OTHER PRODUCTION						
341.00 Structures and Improvements	\$ 13,335,843	\$ 7,464,368	\$ -	\$ -	\$ -	\$ 20,800,211
342.00 Fuel Holders and Accessories	1,764,467					1,764,467
343.00 Prime Movers	31,398,808	313,436				31,712,244
344.00 Generators	242,928,642	225,925,121	1,236,641			467,617,122
345.00 Accessory Electric Equipment	20,688,763	17,416,858				38,105,621
346.00 Misc. Power Plant Equipment	640,149	290,319	63,278			867,190
Total Other Production	\$ 310,756,673	\$ 251,410,102	\$ 1,299,919		\$ -	\$ 560,866,856
TRANSMISSION PLANT						
353.00 Station Equipment	\$ 136,645,010	\$ 25,678,867	\$ 59,717	\$ -	\$ -	\$ 162,264,161
354.00 Towers and Fixtures	163,336,557	27,745,391				191,081,948
355.00 Poles and Fixtures	136,793,831	10,605,364	266,519			147,132,677
356.00 Overhead Conductors and Devices	192,354,851	(20,099,359)	266,208			171,989,284
358.00 Underground Conductors and Devices	77,461					77,461
Total Transmission Plant	\$ 629,207,710	\$ 43,930,263	\$ 592,443		\$ -	\$ 672,545,530

OTTER TAIL POWER COMPANY
Plant Activity for 2020

Statement G

Account Description	Beginning Balance	Additions	Retirements	Adjustments	Transfers	Ending Balance
A	B	C	D	E	F	G
DISTRIBUTION PLANT						
362.00 Station Equipment	\$ 88,316,598	\$ 1,386,306	\$ 33,083	\$ -	\$ (2,698)	\$ 89,667,123
364.00 Poles, Towers and Fixtures	77,332,882	1,889,713	99,537			79,123,058
365.00 Overhead Conductors and Devices	54,575,103	2,410,222	135,407		2,698	56,852,617
367.00 Underground Conductors and Devices	87,459,520	5,278,652	229,364			92,508,809
368.00 Line Transformers	109,365,606	4,032,485	676,280			112,721,811
369.00 Overhead Services	13,454,302	1,809,836	57,858			15,206,280
369.10 Underground Services	44,829,424					44,829,424
370.00 Meters	27,157,509	954,155	848,377			27,263,287
370.05 Smart Meters	921,313					921,313
370.10 Load Management Switches	8,904,685					8,904,685
370.20 Interruption Monitors	(0)					(0)
371.20 Other Private Lighting	6,087,654					6,087,654
373.00 Street Lighting and Signal Systems	6,928,474	3,118,782	537,430			9,509,826
Total Distribution Plant	\$ 525,333,069	\$ 20,880,151	\$ 2,617,335		\$ -	\$ 543,595,885
GENERAL PLANT						
390.00 Structures and Improvements	\$ 20,551,184	\$ 118,858	\$ 56,040	\$ -	\$ -	\$ 20,614,003
390.10 General Office Buildings	6,423,100					6,423,100
390.20 Fleet Service Center Buildings	3,132,102					3,132,102
390.30 Central Stores Building	4,276,593					4,276,593
391.00 Office Furniture	695,720	1,545,203	408,262			1,832,662
391.10 Office Equipment	419,229					419,229
391.20 Duplicating Equipment	269,841					269,841
391.50 Computer Systems	3,685,323					3,685,323
391.60 Computer Related Equipment	892,783					892,783
394.00 Tools, Shop and Garage Equipment	4,093,917	233,151	81,820		(63,696)	4,181,551
394.20 Automated Meter Reading Equipment	916,850					916,850
396.00 Power Operated Equipment	1,356,176	92,565	21,111		2,637	1,430,267
397.00 Communication Equipment	2,965,064		282,609			2,682,455
397.10 Radio Telecommunications Equipment	975,692					975,692
397.20 Microwave Equipment	3,276,047					3,276,047
397.30 Radio Load Control Equipment	459,343					459,343
397.40 Communication Equipment - Towers	1,877,722					1,877,722
Total General Plant	\$ 56,266,688	\$ 1,989,778	\$ 849,842		\$ (61,059)	\$ 57,345,564
TOTAL DEPRECIABLE PLANT	\$ 2,145,280,999	\$ 320,069,237	\$ 15,089,992	\$ -	\$ (61,059)	\$ 2,450,199,185

OTTER TAIL POWER COMPANY
Analysis of Depreciation Reserve for 2020

Statement H

Account Description	Beginning Balance	Credits		Debits		Other Credits (Debits)	Ending Balance
		Accruals	Gross Salvage	Retirements	Cost of Removal		
A	B	C	D	E	F	G	H
INTANGIBLE PLANT							
303.91 Software - 5 Yr.	\$ 4,235,865	\$ 1,480,444	\$ -	\$ 2,299,643	\$ -	\$ -	\$ 3,416,666
303.92 Software - 10 Yr.	1,668,481	2,049,229					3,717,709
Total Intangible Plant	\$ 5,904,346	\$ 3,529,672	\$ -	\$ 2,299,643	\$ -	\$ -	\$ 7,134,375
STEAM PRODUCTION							
311.00 Structures and Improvements	\$ 60,063,414	\$ 3,026,150	\$ 35	\$ 138,113	\$ 25,620	\$ -	\$ 62,925,865
312.00 Boiler Plant Equipment	140,220,663	13,584,768	8,634	6,209,239	1,443,326	0	146,161,501
312.10 Boiler Plant Equipment - Landfill	5,675,129	226,873					5,902,003
314.00 Turbo Generator Units	45,382,156	1,965,994		931,619	149,837		46,266,694
315.00 Accessory Electric Equipment	20,239,055	902,218					21,141,273
316.00 Misc. Power Plant Equipment	3,570,193	303,510	32,689	151,840	3,801		3,750,751
Total Steam Production	\$ 275,150,610	\$ 20,009,513	\$ 41,358	\$ 7,430,810	\$ 1,622,584	\$ 0	\$ 286,148,087
HYDRAULIC PRODUCTION							
331.00 Structures and Improvements	\$ 306,100	\$ 30,609	\$ -	\$ -	\$ -	\$ -	\$ 336,709
332.00 Reservoirs, Dams and Waterways	3,389,055	596,810					3,985,865
333.00 Water Wheels, Turbines and Gen.	1,211,933	108,870					1,320,802
334.00 Accessory Electric Equipment	524,606	48,653					573,259
335.00 Misc. Power Plant Equipment	331,062	69,955					401,018
Total Hydraulic Production	\$ 5,762,756	\$ 854,897	\$ -	\$ -	\$ -	\$ -	\$ 6,617,653
OTHER PRODUCTION							
341.00 Structures and Improvements	\$ 6,086,196	\$ 506,688	\$ -	\$ -	\$ -	\$ -	\$ 6,592,883
342.00 Fuel Holders and Accessories	998,862	47,751					1,046,613
343.00 Prime Movers	15,373,705	942,187					16,315,892
344.00 Generators	103,930,117	10,924,290	242,343	1,236,641	551,916	0	113,308,193
345.00 Accessory Electric Equipment	9,387,944	882,499					10,270,443
346.00 Misc. Power Plant Equipment	250,547	22,301		63,278			209,569
Total Other Production	\$ 136,027,370	\$ 13,325,716	\$ 242,343	\$ 1,299,919	\$ 551,916	\$ 0	\$ 147,743,593
TRANSMISSION PLANT							
353.00 Station Equipment	\$ 24,606,584	\$ 2,178,167	\$ 1,819,196	\$ 59,717	\$ 11,826	\$ -	\$ 28,532,405
354.00 Towers and Fixtures	11,528,440	2,408,299					13,936,739
355.00 Poles and Fixtures	54,953,673	2,567,192	199,202	266,519	150,303		57,303,246
356.00 Overhead Conductors and Devices	45,027,542	3,359,422	61,666	266,208	72,713		48,109,709
358.00 Underground Conductors and Devices	74,764	459					75,223
Total Transmission Plant	\$ 136,191,004	\$ 10,513,539	\$ 2,080,063	\$ 592,443	\$ 234,842	\$ -	\$ 147,957,321

OTTER TAIL POWER COMPANY
Analysis of Depreciation Reserve for 2020

Statement H

Account Description	Beginning Balance	Credits		Debits		Other Credits (Debits)	Ending Balance
		Accruals	Gross Salvage	Retirements	Cost of Removal		
A	B	C	D	E	F	G	H
DISTRIBUTION PLANT							
362.00 Station Equipment	\$ 23,686,238	\$ 1,741,727	\$ -	\$ 33,083	\$ 14,380	\$ (869)	\$ 25,379,633
364.00 Poles, Towers and Fixtures	45,500,157	2,249,774	69,095	99,537	316,210		47,403,278
365.00 Overhead Conductors and Devices	42,700,381	1,237,437	39,162	135,407	139,951	869	43,702,490
367.00 Underground Conductors and Devices	39,927,192	1,804,722	67,008	229,364	71,432		41,498,126
368.00 Line Transformers	17,130,928	1,946,201	753,743	676,280	247,833		18,906,759
369.00 Overhead Services	16,627,141	784,616	706	15,983	83,750		17,312,730
369.10 Underground Services	20,403,458	1,000,355		41,875	27,800		21,334,138
370.00 Meters	9,421,425	874,993	841	843,131			9,454,127
370.05 Smart Meters	42,815	43,881					86,696
370.10 Load Management Switches	8,567,967	124,649		5,246			8,687,370
370.20 Interruption Monitors	0						0
371.20 Other Private Lighting	715,761	230,346	24,940	277,593	95,287		598,168
373.00 Street Lighting and Signal Systems	2,557,738	325,403	39,126	537,430	163,928		2,220,909
Total Distribution Plant	\$ 227,281,201	\$ 12,364,103	\$ 994,620	\$ 2,894,928	\$ 1,160,571	\$ (0)	\$ 236,584,425
GENERAL PLANT							
390.00 Structures and Improvements	\$ 6,502,363	\$ 386,070	\$ -	\$ 12,728	\$ -	\$ -	\$ 6,875,706
390.10 General Office Buildings	2,509,468	55,380		43,312			2,521,536
390.20 Fleet Service Center Buildings	538,447	100,185					638,632
390.30 Central Stores Building	1,598,941	(22,743)					1,576,198
391.00 Office Furniture	423,338	46,382					469,720
391.10 Office Equipment	263,243	41,923		44,548			260,618
391.20 Duplicating Equipment	130,914	25,984		30,003			126,895
391.50 Computer Systems	1,783,107	697,847		333,711			2,147,243
391.60 Computer Related Equipment	442,528	338,342					780,871
394.00 Tools, Shop and Garage Equipment	2,105,154	273,216		81,820		(41,127)	2,255,422
394.20 Automated Meter Reading Equipment	528,009	61,499					589,508
396.00 Power Operated Equipment	177,109	60,541	3,945	21,111		1,717	222,201
397.00 Communication Equipment	742,803	197,672					940,475
397.10 Radio Telecommunications Equipment	812,300	97,569		282,609			627,260
397.20 Microwave Equipment	1,451,028	218,404					1,669,432
397.30 Radio Load Control Equipment	312,819	45,934					358,753
397.40 Communication Equipment - Towers	943,462	31,300					974,762
Total General Plant	\$ 21,265,034	\$ 2,655,505	\$ 3,945	\$ 849,842	\$ -	\$ (39,410)	\$ 23,035,232
TOTAL DEPRECIABLE PLANT	\$ 807,582,322	\$ 63,252,945	\$ 3,362,328	\$ 15,367,585	\$ 3,569,913	\$ (39,410)	\$ 855,220,687

OTTER TAIL POWER COMPANY
Summary of Annual Depreciation Accruals for 2020

Statement I

Account Description	Beginning Plant Balance	Est. Future Net Salvage		Beginning Depreciation Reserve	Net Balance	Projection Life (Yrs.)	Remaining Life (Yrs.)	Annual Accrual	Accrual Rate
		Percent	Amount						
A	B	C	D	E	F=B-D-E	G	H	I=F/H	J=I/B
INTANGIBLE PLANT									
303.91 Software - 5 Yr.	\$ 8,945,673		\$ -	\$ 4,235,865	\$ 4,709,807	5.00	2.92	\$ 1,612,948	18.03%
303.92 Software - 10 Yr.	20,540,434			1,668,481	18,871,954				
Total Intangible Plant	\$ 29,486,107		\$ -	\$ 5,904,346	\$ 23,581,761		14.62	\$ 1,612,948	5.47%
STEAM PRODUCTION									
311.00 Structures and Improvements	\$ 120,658,715	-7.2%	\$ (8,687,427)	\$ 60,063,414	\$ 69,282,728		24.24	\$ 2,858,198	2.37%
312.00 Boiler Plant Equipment	346,700,203	-7.9%	(27,389,316)	140,220,663	233,868,855		19.83	11,793,689	3.40%
312.10 Boiler Plant Equipment - Landfill	10,412,772			5,675,129	4,737,642		31.16	152,042	1.46%
314.00 Turbo Generator Units	66,959,044	-8.7%	(5,825,437)	45,382,156	27,402,325		18.47	1,483,613	2.22%
315.00 Accessory Electric Equipment	35,770,319	-7.6%	(2,718,544)	20,239,055	18,249,808		22.53	810,023	2.26%
316.00 Misc. Power Plant Equipment	6,694,669	-8.6%	(575,742)	3,570,193	3,700,218		15.93	232,280	3.47%
Total Steam Production	\$ 587,195,721	-7.7%	\$ (45,196,466)	\$ 275,150,610	\$ 357,241,577		20.61	\$ 17,329,845	2.95%
HYDRAULIC PRODUCTION									
331.00 Structures and Improvements	\$ 351,712		\$ -	\$ 306,100	\$ 45,612		2.49	\$ 18,318	5.21%
332.00 Reservoirs, Dams and Waterways	4,277,054			3,389,055	887,999		2.49	356,626	8.34%
333.00 Water Wheels, Turbines and Gen.	1,373,867			1,211,933	161,934		2.49	65,034	4.73%
334.00 Accessory Electric Equipment	597,103			524,606	72,497		2.49	29,115	4.88%
335.00 Misc. Power Plant Equipment	435,296			331,062	104,233		2.49	41,861	9.62%
Total Hydraulic Production	\$ 7,035,032		\$ -	\$ 5,762,756	\$ 1,272,276		2.49	\$ 510,954	7.26%
OTHER PRODUCTION									
341.00 Structures and Improvements	\$ 13,335,843	-3.4%	\$ (453,419)	\$ 6,086,196	\$ 7,703,066		15.69	\$ 490,954	3.68%
342.00 Fuel Holders and Accessories	1,764,467	-3.6%	(63,521)	998,862	829,126		16.94	48,945	2.77%
343.00 Prime Movers	31,398,808	-3.0%	(941,964)	15,373,705	16,967,068		17.65	961,307	3.06%
344.00 Generators	242,928,642	-4.3%	(10,445,932)	103,930,117	149,444,457		14.22	10,509,455	4.33%
345.00 Accessory Electric Equipment	20,688,763	-4.2%	(868,928)	9,387,944	12,169,747		14.34	848,657	4.10%
346.00 Misc. Power Plant Equipment	640,149	-3.2%	(20,485)	250,547	410,087		16.49	24,869	3.88%
Total Other Production	\$ 310,756,673		\$ (12,794,248)	\$ 136,027,370	\$ 187,523,551		14.55	\$ 12,884,187	4.15%
TRANSMISSION PLANT									
353.00 Station Equipment	\$ 136,645,010	-5.0%	\$ (6,832,251)	\$ 24,606,584	\$ 118,870,676	65.00	55.33	\$ 2,148,395	1.57%
354.00 Towers and Fixtures	163,336,557	-10.0%	(16,333,656)	11,528,440	168,141,773	75.00	69.84	2,407,528	1.47%
355.00 Poles and Fixtures	136,793,831	-50.0%	(68,396,915)	54,953,673	150,237,073	75.00	59.02	2,545,528	1.86%
356.00 Overhead Conductors and Devices	192,354,851	-30.0%	(57,706,455)	45,027,542	205,033,763	75.00	61.24	3,348,037	1.74%
358.00 Underground Conductors and Devices	77,461	-5.0%	(3,873)	74,764	6,569	50.00	14.32	459	0.59%
Total Transmission Plant	\$ 629,207,710	-23.7%	\$ (149,273,150)	\$ 136,191,004	\$ 642,289,856		61.46	\$ 10,449,946	1.66%

OTTER TAIL POWER COMPANY
Summary of Annual Depreciation Accruals for 2020

Statement I

Account Description	Beginning Plant Balance	Est. Future Net Salvage		Beginning Depreciation Reserve	Net Balance	Projection Life (Yrs.)	Remaining Life (Yrs.)	Annual Accrual	Accrual Rate
		Percent	Amount						
A	B	C	D	E	F=B-D-E	G	H	I=F/H	J=I/B
DISTRIBUTION PLANT									
362.00 Station Equipment	\$ 88,316,598	5.0%	\$ 4,415,830	\$ 23,686,238	\$ 60,214,530	43.00	34.63	\$ 1,738,797	1.97%
364.00 Poles, Towers and Fixtures	77,332,882	-100.0%	(77,332,882)	45,500,157	109,165,607	70.00	48.80	2,237,000	2.89%
365.00 Overhead Conductors and Devices	54,575,103	-75.0%	(40,931,327)	42,700,381	52,806,049	65.00	43.13	1,224,346	2.24%
367.00 Underground Conductors and Devices	87,459,520	-5.0%	(4,372,976)	39,927,192	51,905,304	45.00	28.94	1,793,549	2.05%
368.00 Line Transformers	109,365,606	30.0%	32,809,682	17,130,928	59,424,996	43.00	30.71	1,935,037	1.77%
369.00 Overhead Services	13,454,302	-200.0%	(26,908,603)	16,627,141	23,735,764	55.00	30.41	780,525	5.80%
369.10 Underground Services	44,829,424	-20.0%	(8,965,885)	20,403,458	33,391,851	50.00	33.62	993,214	2.22%
370.00 Meters	27,157,509			9,421,425	17,736,084	28.00	20.02	885,918	3.26%
370.05 Smart Meters	921,313			42,815	878,497				
370.10 Load Management Switches	8,904,685			8,567,967	336,718	15.00	2.70	124,710	1.40%
370.20 Interruption Monitors*	(0)			0	(0)				
371.20 Other Private Lighting	6,087,654			715,761	5,371,893	25.00	24.42	219,979	3.61%
373.00 Street Lighting and Signal Systems	6,928,474	-5.0%	(346,424)	2,557,738	4,717,160	22.00	15.68	300,839	4.34%
Total Distribution Plant	\$ 525,333,069	-23.2%	\$ (121,632,585)	\$ 227,281,201	\$ 419,684,453		34.30	\$ 12,233,915	2.33%
GENERAL PLANT									
390.00 Structures and Improvements	\$ 20,551,184	5.0%	\$ 1,027,559	\$ 6,502,363	\$ 13,021,262	50.00	33.73	\$ 386,044	1.88%
390.10 General Office Buildings	6,423,100	47.3%	3,038,126	2,509,468	875,505	2040	20.89	41,910	0.65%
390.20 Fleet Service Center Buildings	3,132,102	31.2%	977,216	538,447	1,616,439	2035	16.14	100,151	3.20%
390.30 Central Stores Building	4,276,593	76.2%	3,258,764	1,598,941	(581,112)	2045	25.55	(22,744)	-0.53%
391.00 Office Furniture*	695,720			423,338	272,382	15.00	5.92	46,010	6.61%
391.10 Office Equipment*	419,229			263,243	155,986	10.00	4.06	38,420	9.16%
391.20 Duplicating Equipment*	269,841			130,914	138,926	10.00	5.17	26,872	9.96%
391.50 Computer Systems*	3,685,323			1,783,107	1,902,216	5.00	3.06	621,639	16.87%
391.60 Computer Related Equipment*	892,783			442,528	450,255	5.00	2.28	197,480	22.12%
394.00 Tools, Shop and Garage Equipment*	4,093,917			2,105,154	1,988,763	15.00	7.55	263,412	6.43%
394.20 Automated Meter Reading Equipment*	916,850			528,009	388,841	15.00	7.12	54,612	5.96%
396.00 Power Operated Equipment	1,356,176	5.0%	67,809	177,109	1,111,257	23.00	18.80	59,109	4.36%
397.00 Communication Equipment*	2,965,064			742,803	2,222,261	15.00	11.30	196,660	6.63%
397.10 Radio Telecommunications Equipment*	975,692			812,300	163,393	10.00	2.35	69,529	7.13%
397.20 Microwave Equipment*	3,276,047			1,451,028	1,825,020	15.00	7.30	250,003	7.63%
397.30 Radio Load Control Equipment*	459,343			312,819	146,524	10.00	4.03	36,358	7.92%
397.40 Communication Equipment - Towers	1,877,722	-5.0%	(93,886)	943,462	1,028,147	50.00	32.06	32,069	1.71%
Total General Plant	\$ 56,266,688	14.7%	\$ 8,275,588	\$ 21,265,034	\$ 26,726,065		11.15	\$ 2,397,537	4.26%
TOTAL DEPRECIABLE PLANT	\$ 2,145,280,999	-14.9%	\$ (320,620,861)	\$ 807,582,322	\$ 1,658,319,539		28.88	\$ 57,419,333	2.68%

*Amortization Account. (Col. I = Col. B / Col. G)

**OTTER TAIL POWER COMPANY
2021 ANNUAL REVIEW OF DEPRECIATION CERTIFICATION
PROPOSED REMAINING LIVES & SALVAGE %'s FOR USE IN 2022**

<u>Account Number</u>	<u>Class of Utility Plant</u>	<u>Remaining Life (Yrs) per Depr Study (books dated 12/31/2020)</u>	<u>Remaining Life (Yrs) for 2022 Depr Rate Calculation</u>	<u>Net Salvage (%)</u>	<u>Amortization Period (Yrs)</u>
INTANGIBLES					
303.91	Software: 5-year Amortization Period				5
303.92	Software: 10-year Amortization Period				10
STEAM PRODUCTION					
<u>Big Stone Plant</u>					
311-101	Structures & Improvements	24.66	23.66	-5.8%	
312-101	Boiler Plant Equipment	24.67	23.67	-5.8%	
314-101	Turbogenerator Units	24.64	23.64	-5.8%	
315-101	Accessory Electric Equipment	24.66	23.66	-5.8%	
316-101	Misc. Power Plant Equipment	24.65	23.65	-5.8%	
<u>Hoot Lake Plant - Units 2 & 3</u>					
311-102	Structures & Improvements	1.00	0.00	-18.9%	
312-102	Boiler Plant Equipment	1.00	0.00	-18.9%	
312.1-102	Boiler Plant Equipment	29.32	28.32	0.0%	
314-102	Turbogenerator Units	1.00	0.00	-18.9%	
315-102	Accessory Electric Equipment	1.00	0.00	-18.9%	
316-102	Misc. Power Plant Equipment	1.00	0.00	-18.9%	
<u>Covote Station</u>					
311-103	Structures & Improvements	19.93	18.93	-8.7%	
312-103	Boiler Plant Equipment	19.94	18.94	-8.7%	
314-103	Turbogenerator Units	19.95	18.95	-8.7%	
315-103	Accessory Electric Equipment	19.93	18.93	-8.7%	
316-103	Misc. Power Plant Equipment	19.95	18.95	-8.7%	
HYDRAULIC PRODUCTION					
<u>Hoot Lake Hydro Unit</u>					
331-131	Structures & Improvements	38.04	37.04	0.0%	
332-131	Reservoirs, Dams & Waterways	38.16	37.16	0.0%	
333-131	Water Wheels, Turbines & Gen.	38.24	37.24	0.0%	
334-131	Accessory Electric Equipment	38.27	37.27	0.0%	
335-131	Misc. Power Plant Equipment	38.41	37.41	0.0%	
<u>Wright Hydro Unit</u>					
331-132	Structures & Improvements	38.23	37.23	0.0%	
332-132	Reservoirs, Dams & Waterways	38.37	37.37	0.0%	
333-132	Water Wheels, Turbines & Gen.	38.39	37.39	0.0%	
334-132	Accessory Electric Equipment	38.35	37.35	0.0%	
335-132	Misc. Power Plant Equipment	38.37	37.37	0.0%	
<u>Pisgah Hydro Unit</u>					
331-133	Structures & Improvements	38.19	37.19	0.0%	
332-133	Reservoirs, Dams & Waterways	38.44	37.44	0.0%	
333-133	Water Wheels, Turbines & Gen.	38.36	37.36	0.0%	
334-133	Accessory Electric Equipment	38.36	37.36	0.0%	
335-133	Misc. Power Plant Equipment	38.41	37.41	0.0%	
<u>Dayton Hollow Hydro Unit</u>					
331-134	Structures & Improvements	38.40	37.40	0.0%	
332-134	Reservoirs, Dams & Waterways	38.40	37.40	0.0%	
333-134	Water Wheels, Turbines & Gen.	38.36	37.36	0.0%	
334-134	Accessory Electric Equipment	38.33	37.33	0.0%	
335-134	Misc. Power Plant Equipment	38.41	37.41	0.0%	

**OTTER TAIL POWER COMPANY
2021 ANNUAL REVIEW OF DEPRECIATION CERTIFICATION
PROPOSED REMAINING LIVES & SALVAGE %'s FOR USE IN 2022**

<u>Account Number</u>	<u>Class of Utility Plant</u>	<u>Remaining Life (Yrs) per Depr Study (books dated 12/31/2020)</u>	<u>Remaining Life (Yrs) for 2022 Depr Rate Calculation</u>	<u>Net Salvage (%)</u>	<u>Amortization Period (Yrs)</u>
<u>Taplin Gorge Hydro Unit</u>					
331-135	Structures & Improvements	37.95	36.95	0.0%	
332-135	Reservoirs, Dams & Waterways	38.30	37.30	0.0%	
333-135	Water Wheels, Turbines & Gen.	37.92	36.92	0.0%	
334-135	Accessory Electric Equipment	38.30	37.30	0.0%	
335-135	Misc. Power Plant Equipment	38.38	37.38	0.0%	
<u>Bemidji Hydro Unit</u>					
331-138	Structures & Improvements	1.00	0.00	0.0%	
332-138	Reservoirs, Dams & Waterways	1.00	0.00	0.0%	
333-138	Water Wheels, Turbines & Gen.	1.00	0.00	0.0%	
334-138	Accessory Electric Equipment	1.00	0.00	0.0%	
335-138	Misc. Power Plant Equipment	1.00	0.00	0.0%	
OTHER PRODUCTION					
<u>Jamestown Unit 1</u>					
341-140	Structures & Improvements	12.29	11.29	-5.9%	
342-140	Fuel Holders & Accessories	12.30	11.30	-5.9%	
343-140	Prime Movers	12.29	11.29	-5.9%	
345-140	Accessory Electric Equipment	12.28	11.28	-5.8%	
346-140	Misc. Power Plant Equipment	12.30	11.30	-5.9%	
<u>Jamestown Unit 2</u>					
341-142	Structures & Improvements	12.30	11.30	-5.9%	
342-142	Fuel Holders & Accessories	12.28	11.28	-5.8%	
343-142	Prime Movers	12.29	11.29	-5.8%	
345-142	Accessory Electric Equipment	12.30	11.30	-5.9%	
346-142	Misc. Power Plant Equipment	12.29	11.29	-5.9%	
<u>Lake Preston</u>					
341-141	Structures & Improvements	12.29	11.29	-6.9%	
342-141	Fuel Holders & Accessories	12.29	11.29	-6.9%	
343-141	Prime Movers	12.29	11.29	-6.9%	
345-141	Accessory Electric Equipment	12.29	11.29	-6.9%	
346-141	Misc. Power Plant Equipment	12.28	11.28	-6.9%	
<u>Fergus Falls Control Center</u>					
343-143	Prime Movers	9.38	8.38	-5.0%	
<u>Solway Combustion Turbine Plant</u>					
341-144	Structures & Improvements	17.10	16.10	-1.6%	
342-144	Fuel Holders & Accessories	17.10	16.10	-1.6%	
343-144	Prime Movers	17.10	16.10	-1.6%	
345-144	Accessory Electric Equipment	17.10	16.10	-1.6%	
346-144	Misc. Power Plant Equipment	17.10	16.10	-1.6%	
<u>Astoria Station</u>					
341-145	Structures & Improvements	35.00	34.00	-1.6%	
342-145	Fuel Holders & Accessories	35.00	34.00	-1.6%	
343-145	Prime Movers	35.00	34.00	-1.6%	
345-145	Accessory Electric Equipment	35.00	34.00	-1.6%	
346-145	Misc. Power Plant Equipment	35.00	34.00	-1.6%	
<u>Langdon Wind Energy Center</u>					
341-160	Structures & Improvements	20.90	19.90	-4.9%	
344-160	Generators	20.90	19.90	-4.9%	
345-160	Accessory Electric Equipment	20.90	19.90	-4.9%	
346-160	Misc. Power Plant Equipment	20.92	19.92	-4.9%	
<u>Ashtabula Wind Energy Center</u>					
341-161	Structures & Improvements	21.85	20.85	-4.3%	
344-161	Generators	21.85	20.85	-4.3%	
345-161	Accessory Electric Equipment	21.85	20.85	-4.3%	
346-161	Misc. Power Plant Equipment	21.87	20.87	-4.2%	

OTTER TAIL POWER COMPANY
2021 ANNUAL REVIEW OF DEPRECIATION CERTIFICATION
PROPOSED REMAINING LIVES & SALVAGE %'s FOR USE IN 2022

<u>Account Number</u>	<u>Class of Utility Plant</u>	<u>Remaining Life (Yrs) per Depr Study (books dated 12/31/2020)</u>	<u>Remaining Life (Yrs) for 2022 Depr Rate Calculation</u>	<u>Net Salvage (%)</u>	<u>Amortization Period (Yrs)</u>
<u>Luverne Wind Energy Center</u>					
341-162	Structures & Improvements	22.79	21.79	-7.1%	
344-162	Generators	22.79	21.79	-7.1%	
345-162	Accessory Electric Equipment	22.79	21.79	-7.1%	
346-162	Misc. Power Plant Equipment	22.81	21.81	-7.1%	
<u>Merricourt Wind Energy Center</u>					
341-163	Structures & Improvements	33.01	32.01	-5.0%	
344-163	Generators	33.01	32.01	-5.0%	
345-163	Accessory Electric Equipment	33.01	32.01	-5.0%	
346-163	Misc. Power Plant Equipment	33.01	32.01	-5.0%	
<u>ND Small Solar</u>					
343.00	Prime Movers	22.81	21.81	-1.0%	
<u>MN Small Solar</u>					
343.00	Prime Movers	23.75	22.75	-1.0%	
TRANSMISSION					
353	Station Equipment	56.36	56.36	-5.0%	
354	Towers & Fixtures	70.13	70.13	-10.0%	
355	Poles & Fixtures	60.09	60.09	-50.0%	
356	Overhead Conductor & Devices	62.95	62.95	-30.0%	
358	Underground Conductor & Devices	13.11	13.11	-5.0%	
DISTRIBUTION					
362	Station Equipment	34.48	34.48	5.0%	
364	Poles, Towers & Fixtures	48.18	48.18	-100.0%	
365	Overhead Conductor & Devices	43.12	43.12	-75.0%	
367	Underground Conductor & Devices	29.08	29.08	-5.0%	
368	Line Transformers	30.45	30.45	30.0%	
369	Overhead Services	29.40	29.40	-200.0%	
369.1	Underground Services	32.89	32.89	-20.0%	
370	Meters	19.37	19.37		
370.05	Smart Meters	17.57	17.57		
370.1	Load Management Switches	1.75	1.75		
370.20	Interruption Monitors				5
371.10	Electric Vehicle (EV) Charging Stations		10.00		
371.20	Other Private Lighting	24.50	24.50		
373	Street Lighting & Signal System	18.12	18.12	-5.0%	
	Utility Vehicle Charging Statons				
GENERAL PLANT					
Depreciable					
390	Structures & Improvements	32.84	32.84	5.0%	
390.1	General Office Buildings	19.00	18.00	45.0%	
390.20	Fleet Service Center Buildings - Fergus Falls	23.74	13.00	31.2%	
390.25	Fleet Service Center Buildings - Jamestown	58.00	57.00	50.0%	
390.3	Central Stores Building	23.68	22.68	75.8%	
396	Power Operated Equipment	19.85	19.85	5.0%	
397.4	Communication Towers	30.52	30.52	-5.0%	
Amortizable					
391	Office Furniture				15
391.1	Office Equipment				10
391.2	Duplicating Equipment				10
391.5	Computer Systems				5
391.6	Computer Related Equipment				5
393	Stores Equipment				15
394	Tools, Shop & Garage Equipment				15
394.2	Automated Meter Reading Equip.				15
395	Laboratory Equipment				15
397	Communication Equipment				15
397.1	Radio Telecom Equipment				10
397.2	Microwave Equipment				15
397.3	Radio Load Control Equipment				10

Source is Statement A from Foster Report

OTTER TAIL POWER COMPANY
ANNUAL REVIEW OF DEPRECIATION CERTIFICATION
Supplemental Comments

Future Additions and Retirements

As indicated in the 2021 Annual Depreciation Study (Attachment 1): “Minnesota State Agency Rules 7825.0700, Subpart 2-B provides that each utility shall disclose a list of any major future additions or retirements to the plant accounts that the utility believes may have a material effect on the current certification results.” (See page 4 of the Study).

Otter Tail Power Company (Otter Tail) is unaware of any additional major future additions or retirements that will materially affect this filing’s certification results, other than those already discussed in the petition to this docket. Those being the decommissioning of Hoot Lake Plant, addition of the Merricourt Wind farm and Astoria Station, solar generation investments, and hydro relicensing. The Hoot Lake Plant retirement is taking place now through late 2022 or early 2023. While future year major additions or retirements will affect future depreciation certification results, historic additions and retirements primarily affect this filing depreciation certification results due to the look back, or historic review back to books dated December 31st of the prior year.

In addition to discussing future additions or retirements that could affect the current certification results, it is the Company’s practice to discuss future (and potential future) additions or retirements that may influence *future* depreciation expense or *future* certification results. Historically Otter Tail provided a synopsis of these types of projects. What follows are updates on current projects or projects being considered.

Otter Tail is working on utilizing its Hoot Lake Plant MISO Transmission interconnection capabilities with the development of the 49.9 MW Hoot Lake Solar project. Hoot Lake Solar is anticipated to be in service in 2023 and will help meet our compliance obligations under the Minnesota solar energy standard.

Otter Tail is looking at the possibility of exercising its purchase option of its 25-year term purchase power agreement of the 62.4 MW Ashtabula III wind farm. Otter Tail is hopeful that the transaction would likely be completed in early 2023.

In Otter Tail’s Integrated Resource Plan (Docket No. E017/RP-21-339) filed contemporaneously with this filing, Otter Tail proposes the addition of 150 MW of solar generation, with an anticipated in-service date in 2025, and the addition of dual fuel capability at Astoria Station, with an anticipated in-service date in 2026. Otter Tail also seeks authority to commence the process of withdrawing from its 35 percent ownership interest in Coyote Station with that process anticipated to be completed by the end of 2028.

**OTTER TAIL POWER COMPANY
ANNUAL REVIEW OF DEPRECIATION CERTIFICATION
Supplemental Comments**

Additionally, Otter Tail will continue investing in renewing its existing asset mix and continue to make additional investments in Transmission, Distribution, and Solar applications.

OTTER TAIL POWER COMPANY
2021 ANNUAL REVIEW OF DEPRECIATION CERTIFICATION
Comparison of Resource Plan and Depreciation Filing Retirement Dates

Generating Unit	Retirement Dates			Comments
	Resource Plan 2017 - 2031	2021 Depreciation Study (Attachment No. 1)	Difference	
BASE LOAD				
➤ Hoot Lake Plant Units 2 & 3	Jun-2021	Jun-2021	None	Hoot Lake Plant Units 2 & 3 have an Average Year of Final Retirement (AYFR) of 2021 and became fully depreciated as of 06-2021 (mid-year), other than the Ash Landfill which will remain inservice 30 years post closure. Hoot Lake Plant is included in this annual technical update due to its plant in service and accumulated reserve balances as of December 31st, 2020, the books date of this filing at which point the plant was not fully depreciated.
➤ Big Stone Plant	Jun-2046	Jun-2046	None	Big Stone Plant has an Average Year of Final Retirement (AYFR) of 2046. The Depreciation Study adopts a mid-year convention where all asset activity is assumed to take place on June 30th of its respective activity years, whether that activity is a plant addition or plant retirement. Therefore the depreciation study has June, 2046 as its retirement date. The IRP in Appendix F also adopts June, 2046 as the retirement month matching the Depreciation filing.
➤ Coyote Station	Jun-2041	Jun-2041	None	Coyote Station has an Average Year of Final Retirement (AYFR) of 2041. The Depreciation Study adopts a mid-year convention where all asset activity is assumed to take place on June 30th of its respective activity years, whether that activity is a plant addition or plant retirement. Therefore the depreciation study has June, 2041 as its retirement date. The IRP in Appendix F also adopts June, 2041 as the retirement month matching the Depreciation filing.
WIND				
➤ Langdon Wind Energy Center	Dec-2032	Jun-2042	9 years, 6 months (outside of IRP study period)	The Langdon Wind Energy Center has an Average Year of Final Retirement (AYFR) of 2042. The Depreciation Study adopts a mid-year convention where all asset activity is assumed to take place on June 30th of its respective activity years, whether that activity is a plant addition or plant retirement. Therefore the depreciation study has June, 2042 as its retirement date. The IRP models the Wind Farms as Purchase Power Agreements which expire at the end of their termination year, therefore the IRP uses December, 2032 as its retirement month. The Langdon Wind Energy Centers estimated average service life was extended by 10 years in Otter Tails 2020 depreciation filing (Docket No. E017/D-20-703).
➤ Ashtabula Wind Energy Center	Dec-2033	Jun-2043	9 years, 6 months (outside of IRP study period)	The Ashtabula Wind Energy Center has an Average Year of Final Retirement (AYFR) of 2043. The Depreciation Study adopts a mid-year convention where all asset activity is assumed to take place on June 30th of its respective activity years, whether that activity is a plant addition or plant retirement. Therefore the depreciation study has June, 2043 as its retirement date. The IRP models the Wind Farms as Purchase Power Agreements which expire at the end of their termination year, therefore the IRP uses December, 2033 as its retirement month. The Ashtabula Wind Energy Centers estimated average service life was extended by 10 years in Otter Tails 2020 depreciation filing (Docket No. E017/D-20-703).
➤ Luverne Wind Energy Center	Dec-2034	Jun-2044	9 years, 6 months (outside of IRP study period)	The Luverne Wind Energy Center has an Average Year of Final Retirement (AYFR) of 2043. The Depreciation Study adopts a mid-year convention where all asset activity is assumed to take place on June 30th of its respective activity years, whether that activity is a plant addition or plant retirement. Therefore the depreciation study has June, 2044 as its retirement date. The IRP models the Wind Farms as Purchase Power Agreements which expire at the end of their termination year, therefore the IRP uses December, 2034 as its retirement month. The Luverne Wind Energy Centers estimated average service life was extended by 10 years in Otter Tails 2020 depreciation filing (Docket No. E017/D-20-703).
➤ Merricourt Wind Energy Center	N/A	Jun-2055	N/A	The Merricourt Wind Energy Center (MWEC) has an Average Year of Final Retirement (AYFR) of 2055. The Depreciation Study adopts a mid-year convention where all asset activity is assumed to take place on June 30th of its respective activity years, whether that activity is a plant addition or plant retirement. Therefore the depreciation study has June, 2055 as its retirement date. The 2016 IRP models the Wind Farms as Purchase Power Agreements which expire at the end of their termination year. The MWEC was not represented in that IRP as an OTP owned resource, but as a generic wind purchased power agreement.
HYDRO				
➤ 6 units in 5 dams on the Otter Tail River, FERC licensed	No retirement date discussed - IRP assumes operating perpetually	Jun-2061	Program assumption differences	The latest approved IRP assume these permanent hydro dam structures operate perpetually until a final retirement date is established. Depreciation Studies tie the retirement date to the end of the current active FERC hydro operating license. This is the latest date these facilities can operate as generation resources until a new license renewal is granted pursuant to the satisfaction of its stated conditions. OTP is currently pursuing renewing its FERC Hydro license and expects that the 40 year license will be renewed in Q4 2021. Therefore the depreciation study uses Jun-2061 as its retirement date.
➤ 2 units on outlet of Lake Bemidji – not subject to FERC jurisdiction	No retirement date discussed - IRP assumes operating perpetually	Aug-2021	Program assumption differences	The latest approved IRP assumes permanent hydro dam structures operate perpetually until a final retirement date is established. Historically depreciation studies had tied the retirement date to end of the current hydro license for other hydro structures which are of a similar vintage. Recently Otter Tail experienced a major mechanical failure at the Bemidji Hydro plant. Otter Tail wrote off the value of the facility in 2021 as an impaired asset.
PEAKING				
➤ Jamestown Combustion Turbines - 2 units	Jun-2033	Jun-2033	None	The two Jamestown Combustion Turbines have an Average Year of Final Retirement (AYFR) of 2033. The Depreciation Study adopts a mid-year convention where all asset activity is assumed to take place on June 30th of its respective activity years, whether that activity is a plant addition or plant retirement. Therefore the depreciation study has June, 2033 as its retirement date. The IRP in Appendix F also adopts June, 2033 as the retirement month matching the Depreciation filing.
➤ Lake Preston Combustion Turbine	Jun-2033	Jun-2033	None	The Lake Preston Combustion Turbine has an Average Year of Final Retirement (AYFR) of 2033. The Depreciation Study adopts a mid-year convention where all asset activity is assumed to take place on June 30th of its respective activity years, whether that activity is a plant addition or plant retirement. Therefore the depreciation study has June, 2033 as its retirement date. The IRP in Appendix F also adopts June, 2033 as the retirement month matching the Depreciation filing.
➤ Solway Combustion Turbine	Jun-2038	Jun-2038	None	The Solway Combustion Turbine has an Average Year of Final Retirement (AYFR) of 2038. The Depreciation Study adopts a mid-year convention where all asset activity is assumed to take place on June 30th of its respective activity years, whether that activity is a plant addition or plant retirement. Therefore the depreciation study has June, 2038 as its retirement date. The IRP in Appendix F also adopts June, 2038 as the retirement month matching the Depreciation filing.
➤ Fergus Control Center Diesel	No retirement date discussed - beyond study period	Jun-2030	Program assumption differences	The IRP assumes retirement is outside of resource plan study period. Depreciation study accounts for assets functionality as control center black start and back up strategic functionality. Unit classified as an Emergency Generator as defined by EPA Rice rules.
➤ Astoria Station	Dec-56	Jun-2056	6 months (outside of IRP study period)	2016 resource plan modeled as New Thermal Alternative with a thirty five year operating life. Depreciation study assumes an initial average service life of 35 years and utilizes the mid-year convention.

Note:

Otter Tail 's most recently approved IRP was filed under Docket No. E07-RP-16-386. In the IRP, the near-term is intended to be very specific with regard to resource changes, additions, retirements, etc. The long-term is much more uncertain and identifies resources that a utility is likely to use. The depreciation study is intended to be a more exact forecast used for appropriate depreciation expense allocation of our current investment over the current plants remaining life. The RP is far less exact in the long-term, so there can be potential difference because of the intended purposes and assumptions the two filings.

CERTIFICATE OF SERVICE

**RE: In the Matter of Otter Tail Power Company's Petition for Approval of its
2021 Annual Review of Depreciation Certification
Docket No. E017/D-21-**

I, Tammy Kubela, hereby certify that I have this day served a copy of the following, or a summary thereof, on Will Seuffert and Sharon Ferguson by e-filing, and to all other persons on the attached service list by electronic service or by First Class Mail.

**Otter Tail Power Company
Initial Filing**

Dated: September 1, 2021

/s/ TAMMY KUBELA
Tammy Kubela
Regulatory Filing Coordinator
Otter Tail Power Company
215 South Cascade Street
Fergus Falls MN 56537
(218) 739-8807

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Ray	Choquette	rchoquette@agp.com	Ag Processing Inc.	12700 West Dodge Road PO Box 2047 Omaha, NE 68103-2047	Electronic Service	No	GEN_SL_Otter Tail Power Company_Otter Tail Power Company_2021 Depreciation Annual Review
Generic Notice	Commerce Attorneys	commerce.attorneys@ag.state.mn.us	Office of the Attorney General-DOC	445 Minnesota Street Suite 1400 St. Paul, MN 55101	Electronic Service	No	GEN_SL_Otter Tail Power Company_Otter Tail Power Company_2021 Depreciation Annual Review
Brooke	Cooper	bcooper@allete.com	Minnesota Power	30 W Superior St Duluth, MN 558022191	Electronic Service	No	GEN_SL_Otter Tail Power Company_Otter Tail Power Company_2021 Depreciation Annual Review
James C.	Erickson	jericksonkbc@gmail.com	Kelly Bay Consulting	17 Quechee St Superior, WI 54880-4421	Electronic Service	No	GEN_SL_Otter Tail Power Company_Otter Tail Power Company_2021 Depreciation Annual Review
Sharon	Ferguson	sharon.ferguson@state.mn.us	Department of Commerce	85 7th Place E Ste 280 Saint Paul, MN 551012198	Electronic Service	No	GEN_SL_Otter Tail Power Company_Otter Tail Power Company_2021 Depreciation Annual Review
Jessica	Fyhrie	jfyhrie@otpc.com	Otter Tail Power Company	PO Box 496 Fergus Falls, MN 56538-0496	Electronic Service	No	GEN_SL_Otter Tail Power Company_Otter Tail Power Company_2021 Depreciation Annual Review
Adam	Heinen	aheinen@dakotaelectric.com	Dakota Electric Association	4300 220th St W Farmington, MN 55024	Electronic Service	No	GEN_SL_Otter Tail Power Company_Otter Tail Power Company_2021 Depreciation Annual Review
Shane	Henriksen	shane.henriksen@enbridge.com	Enbridge Energy Company, Inc.	1409 Hammond Ave FL 2 Superior, WI 54880	Electronic Service	No	GEN_SL_Otter Tail Power Company_Otter Tail Power Company_2021 Depreciation Annual Review
James D.	Larson	james.larson@avantenergy.com	Avant Energy Services	220 S 6th St Ste 1300 Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Otter Tail Power Company_Otter Tail Power Company_2021 Depreciation Annual Review
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Generic Notice	Residential Utilities Division	residential.utilities@ag.state.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012131	Electronic Service	No	GEN_SL_Otter Tail Power Company_Otter Tail Power Company_2021 Depreciation Annual Review
Larry L.	Schedin	Larry@LLSResources.com	LLS Resources, LLC	332 Minnesota St, Ste W1390 St. Paul, MN 55101	Electronic Service	No	GEN_SL_Otter Tail Power Company_Otter Tail Power Company_2021 Depreciation Annual Review
Will	Seuffert	Will.Seuffert@state.mn.us	Public Utilities Commission	121 7th PI E Ste 350 Saint Paul, MN 55101	Electronic Service	No	GEN_SL_Otter Tail Power Company_Otter Tail Power Company_2021 Depreciation Annual Review
Cary	Stephenson	cStephenson@otpc.com	Otter Tail Power Company	215 South Cascade Street Fergus Falls, MN 56537	Electronic Service	No	GEN_SL_Otter Tail Power Company_Otter Tail Power Company_2021 Depreciation Annual Review
Stuart	Tommerdahl	stommerdahl@otpc.com	Otter Tail Power Company	215 S Cascade St PO Box 496 Fergus Falls, MN 56537	Electronic Service	No	GEN_SL_Otter Tail Power Company_Otter Tail Power Company_2021 Depreciation Annual Review