

DOC Attachment 1
Details of Greater Minnesota Gas's Demand Entitlements Historical and Current Proposal

2012-2013 Heating Season		Change in	2013-2014 Heating Season (Final)		Change in	2013-2014 Heating Season (Final)		Change in	2014-2015 Heating Season (November-January)		Change in	2014-2015 Heating Season (February-March)		Change in	2015-2016 Heating Season		Change in
Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
TF-7 (Apr-Oct)	0	(300)	TF-7 (Apr-Oct)	0	0	TF-7 (Apr-Oct)	0	0	TF-7 (Apr-Oct)	0	0	TF-7 (Apr-Oct)	0	0	TF-7 (Apr-Oct)	0	0
TFX (Summer-Apr-Oct)	210	0	TFX (Summer-Apr-Oct)	400	400	TFX (Summer-Apr-Oct)	210	400	TFX (Summer-Apr-Oct)	210	0	TFX (Summer-Apr-Oct)	210	0	TFX (Summer-Apr-Oct)	210	0
TFX-S (Nov-Mar)	60	60	TFX-S (Nov-Mar)	270	180	TFX-S (Nov-Mar)	0	(270)	TFX-S (Nov-Mar)	0	0	TFX-S (Nov-Mar)	0	0	TFX-S (Nov-Mar)	0	0
TFX-S (Nov-Mar)	8,344	2,100	TFX-S (Nov-Mar)	8,344	560	TFX-S (Nov-Mar)	8,344	(560)	TFX-S (Nov-Mar)	8,344	0	TFX-S (Nov-Mar)	8,344	0	TFX-S (Nov-Mar)	8,344	0
Viking Zone 1	2,000	2,000	Viking Zone 1	2,000	0	Viking Zone 1	2,000	0	Viking Zone 1	2,000	0	Viking Zone 1	2,000	0	Viking Zone 1	2,000	0
Viking Forward Haul/Emerson	1,300	1,300	Viking Forward Haul/Emerson	950	0	Viking Forward Haul/Emerson	950	0	Viking Forward Haul/Emerson	950	0	Viking Forward Haul/Emerson	950	0	Viking Forward Haul/Emerson	950	0
Delivery Contract	685	450	Delivery Contract	685	0	Delivery Contract	685	0	Delivery Contract	685	0	Delivery Contract	685	0	Delivery Contract	685	0
Viking Forward Haul	0	0	Viking Forward Haul	0	0	Viking Forward Haul	0	0	Viking Forward Haul	0	0	Viking Forward Haul	0	0	Viking Forward Haul	0	0
TFX (Apr. and Oct.)	685	165	TFX (Apr. and Oct.)	0	0	TFX (Apr. and Oct.)	0	0	TFX (Apr. and Oct.)	0	0	TFX (Apr. and Oct.)	0	0	TFX (Apr. and Oct.)	0	0
TFX (Nov-Mar)	0	(200)	TFX (Nov-Mar)	0	(685)	TFX (Nov-Mar)	0	0	TFX (Nov-Mar)	0	0	TFX (Nov-Mar)	0	0	TFX (Nov-Mar)	0	0
TFX (Nov-Mar)	685	165	TFX (Nov-Mar)	0	(685)	TFX (Nov-Mar)	0	0	TFX (Nov-Mar)	0	0	TFX (Nov-Mar)	0	0	TFX (Nov-Mar)	0	0
SMS	1,300	0	SMS	1,300	0	SMS	1,300	0	SMS	1,300	100	SMS	2,000	700	SMS	2,000	0
Total Demand Entitlement	7,099	2,055	Total Demand Entitlement	9,359	2,280	Total Demand Entitlement	9,359	200	Total Demand Entitlement	9,359	100	Total Demand Entitlement	10,859	1,500	Total Demand Entitlement	12,509	1,650
Total Transportation	11,350	6,300	Total Transportation	11,350	200	Total Transportation	11,350	200	Total Transportation	11,350	100	Total Transportation	12,850	1,200	Total Transportation	14,500	1,050
Total Seasonal Transport	7,099	2,055	Total Seasonal Transport	9,359	2,280	Total Seasonal Transport	9,359	200	Total Seasonal Transport	11,859	0	Total Seasonal Transport	12,859	0	Total Seasonal Transport	14,509	0
Percent Annual on Greater Minnesota System	0.02%	0.00%	Percent Annual on Greater Minnesota System	0.02%	0.00%	Percent Annual on Greater Minnesota System	0.02%	0.00%	Percent Annual on Greater Minnesota System	0.02%	0.00%	Percent Annual on Greater Minnesota System	0.02%	0.00%	Percent Annual on Greater Minnesota System	0.02%	0.00%
Percent Seasonal on Greater Minnesota System	81.42%	-34.50%	Percent Seasonal on Greater Minnesota System	80.36%	20.03%	Percent Seasonal on Greater Minnesota System	82.74%	0.30%	Percent Seasonal on Greater Minnesota System	100.00%	17.50%	Percent Seasonal on Greater Minnesota System	100.00%	0.00%	Percent Seasonal on Greater Minnesota System	100.00%	0.00%

DOC Attachment 2
 Details of Greater Minnesota Gas's Demand Entitlements Historical and Current Proposal

Heating Season	Number of Firm Customers			Design Day Requirement			Total Entitlement + Peak Shaving + Peak Shaving			Reserve Margin (10)
	(1) Number of Design Day Customers	(2) Change from Previous Year	(3) % Change From Previous Year	(4) Design Day (Mcf)	(5) Change from Previous Year	(6) % Change From Previous Year	2013-2014 Heating Season Total Entitlement (Mcf)	(8) Change from Previous Year	(9) % Change From Previous Year	% of Reserve Margin ((7)-(4))/(4)
2015-2016	7,740	1,888	32.26%	11336	2,367	26.39%	12,509	2,850	29.51%	10.35%
2014-2015	5,852	547	10.31%	8,969	52	0.58%	9,659	100	1.05%	7.69%
2013-2014	5,305	531	11.12%	8,917	3,953	79.63%	9,559	4,350	83.51%	7.20%
2012-2013	4,774	558	13.24%	4,964	514	11.55%	5,209	165	3.27%	4.94%
2011-2012	4,216	296	7.55%	4,450	0	0.00%	5,044	0	0.00%	13.35%
2010-2011	3,920	198	5.32%	4,450	239	5.68%	5,044	500	11.00%	13.35%
2009-2010	3,722	162	4.55%	4,211	(71)	-1.66%	4,544	300	7.07%	7.91%
2008-2009	3,560	182	5.39%	4,282	566	15.23%	4,244	244	6.10%	-0.89%
2007-2008	3,378	170	5.30%	3,716	166	4.68%	4,000	350	9.59%	7.64%
2006-2007	3,208	237	7.98%	3,550	583	19.65%	3,650	350	10.61%	2.82%
2005-2006	2,971	290	10.82%	2,967	270	10.01%	3,300	300	10.00%	11.22%
2004-2005	2,681	336	14.33%	2,697	697	34.85%	3,000	600	25.00%	11.23%
2003-2004	2,345	181	8.36%	2,000	(200)	-9.09%	2,400	(200)	-7.69%	20.00%
2002-2003	2,164	300	16.09%	2,200	400	22.22%	2,600	400	18.18%	18.18%
2001-2002	1,864	301	19.26%	1,800	400	28.57%	2,200	500	29.41%	22.22%
2000-2001	1,563	393	33.59%	1,400	300	27.27%	1,700	300	21.43%	21.43%
1999-2000	1,170	279	31.31%	1,100	250	29.41%	1,400	150	12.00%	27.27%
1998-1999	891	289	48.01%	850	350	70.00%	1,250	750	150.00%	47.06%
1997-1998	602	339	128.90%	500	200	66.67%	500	200	66.67%	0.00%
1996-1997	263	263		300	300		300	300		
Average Change Per Year:			21.77%			23.24%			25.62%	13.31%

Firm Peak Day Sendout

Heating Season *	(11) Firm Peak Day Send out (Mcf)	Change from Previous Year	% Change From Previous Year	Excess per Customer [(7) - (4)]/(1)	Design Day per Customer (4)/(1)	Entitlement per DD Customer (7)/(1)	Peak Day Sendout per DD Customer (11)/(1)
2015-2016				0.1516	1.4646	1.6161	
2014-2015	8369	489	6.21%	0.1179	1.5326	1.6505	1.4301
2013-2014	7,880	2,855	56.82%	0.1210	1.6809	1.8019	1.4854
2012-2013	5,025	1,368	37.41%	0.0513	1.0398	1.0911	1.0526
2011-2012	3,657	(248)	-6.35%	0.1409	1.0555	1.1964	0.8674
2010-2011	3,905	251	6.87%	0.1515	1.1352	1.2867	0.9962
2009-2010	3,654	(374)	-9.29%	0.0895	1.1314	1.2208	0.9817
2008-2009	4,028	(72)	-1.76%	(0.0107)	1.2028	1.1921	1.1315
2007-2008	4,100	550	15.49%	0.0841	1.1001	1.1841	1.2137
2006-2007	3,550	738	26.24%	0.0312	1.1066	1.1378	1.1066
2005-2006	2,812	285	11.28%	0.1121	0.9987	1.1107	0.9465
2004-2005	2,527	185	7.90%	0.1130	1.0060	1.1190	0.9426
2003-2004	2,342	587	33.45%	0.1706	0.8529	1.0235	0.9987
2002-2003	1,755	747	74.11%	0.1848	1.0166	1.2015	0.8110
2001-2002	1,008	(180)	-15.15%	0.2146	0.9657	1.1803	0.5408
2000-2001	1,188	291	32.44%	0.1919	0.8957	1.0877	0.7601
1999-2000	897	95	11.85%	0.2564	0.9402	1.1966	0.7667
1998-1999	802	397	98.02%	0.4489	0.9540	1.4029	0.9001
1997-1998	405	233	135.47%	0.0000	0.8306	0.8306	0.6728
1996-1997	172	172		0.0000	1.1407	1.1407	0.6540
Average Change Per Year:			28.94%	0.1310	1.1025	1.2336	0.9610

DOC Attachment 3
Greater Minnesota Gas Historical Heating Season Load Data

	(SMC pdf)				Mankato						
	RAP	MAD	Asphalt	Total	HDD						
11/1/2011	125	233	212	146	19	0	0	361	-215	264	-118
11/2/2011	153	391	100	444	25	0	0	471	-27	264	180
11/3/2011	148	451	184	415	25	0	0	471	-56	264	151
11/4/2011	134	253	195	192	25	0	0	471	-279	264	-72
11/5/2011	123	158	0	281	17	0	0	325	-44	264	17
11/6/2011	143	282	0	425	19	0	0	361	64	264	161
11/7/2011	131	216	143	204	25	0	0	471	-267	264	-60
11/8/2011	160	261	0	421	25	0	0	471	-50	264	157
11/9/2011	162	268	86	344	24	0	0	453	-109	264	80
11/10/2011	166	289	37	418	31	0	0	581	-163	264	154
11/11/2011	111	198	0	309	23	0	0	435	-126	264	45
11/12/2011	104	130	0	234	21	0	0	398	-164	264	-30
11/13/2011	141	190	0	331	21	0	0	398	-67	264	67
11/14/2011	136	183	0	319	22	0	0	416	-97	264	55
11/15/2011	173	244	0	417	26	0	0	489	-72	264	153
11/16/2011	209	348	0	557	37	0	0	690	-133	264	293
11/17/2011	192	316	0	508	42	0	0	781	-273	264	244
11/18/2011	148	226	0	374	23	0	0	435	-81	264	110
11/19/2011	209	395	0	604	37	0	0	690	-86	264	340
11/20/2011	211	393	0	604	47	0	0	873	-269	264	340
11/21/2011	170	283	0	453	37	0	0	690	-237	264	189
11/22/2011	159	255	0	414	29	0	0	544	-130	264	150
11/23/2011	153	190	0	343	22	0	0	416	-73	264	79
11/24/2011	127	96	0	223	15	0	0	288	-65	264	-41
11/25/2011	139	114	0	253	17	0	0	325	-72	264	-11
11/26/2011	203	253	0	456	22	0	0	416	40	264	192
11/27/2011	219	329	0	548	33	0	0	617	-69	264	284
11/28/2011	195	293	0	488	34	0	0	635	-147	264	224
11/29/2011	186	373	0	559	36	0	0	672	-113	264	295
11/30/2011	166	308	0	474	33	0	0	617	-143	264	210
12/1/2011	236	435	0	671	41	0	0	763	-92	264	407
12/2/2011	200	390	0	590	43	0	0	800	-210	264	326
12/3/2011	189	358	0	547	35	0	0	654	-107	264	283
12/4/2011	221	430	0	651	41	0	0	763	-112	264	387
12/5/2011	228	518	0	746	47	0	0	873	-127	264	482
12/6/2011	269	564	0	833	57	0	0	1,055	-222	264	569
12/7/2011	212	456	0	668	46	0	0	855	-187	264	404
12/8/2011	234	542	0	776	43	0	0	800	-24	264	512
12/9/2011	299	613	0	912	57	0	0	1,055	-143	264	648
12/10/2011	240	484	0	724	51	0	0	946	-222	264	460
12/11/2011	181	354	0	535	37	0	0	690	-155	264	271
12/12/2011	160	298	0	458	29	0	0	544	-86	264	194
12/13/2011	164	285	0	449	31	0	0	581	-132	264	185
12/14/2011	178	280	0	458	27	0	0	508	-50	264	194
12/15/2011	255	443	0	698	37	0	0	690	8	264	434
12/16/2011	243	397	0	640	43	0	0	800	-160	264	376
12/17/2011	224	359	0	583	37	0	0	690	-107	264	319
12/18/2011	177	267	0	444	31	0	0	581	-137	264	180
12/19/2011	221	419	0	640	35	0	0	654	-14	264	376
12/20/2011	206	461	0	667	42	0	0	781	-114	264	403
12/21/2011	208	429	0	637	41	0	0	763	-126	264	373
12/22/2011	240	473	0	713	42	0	0	781	-68	264	449
12/23/2011	229	447	0	676	38	0	0	708	-32	264	412
12/24/2011	166	300	0	466	33	0	0	617	-151	264	202
12/25/2011	167	345	0	512	31	0	0	581	-69	264	248
12/26/2011	140	305	0	445	27	0	0	508	-63	264	181
12/27/2011	202	402	0	604	34	0	0	635	-31	264	340
12/28/2011	161	313	0	474	35	0	0	654	-180	264	210
12/29/2011	181	334	0	515	31	0	0	581	-66	264	251
12/30/2011	187	321	0	508	35	0	0	654	-146	264	244
12/31/2011	187	349	0	536	29	0	0	544	-8	264	272
1/1/2012	266	545	0	811	39	0	0	727	84	264	547
1/2/2012	281	570	0	851	51	0	0	946	-95	264	587
1/3/2012	238	475	0	713	45	0	0	836	-123	264	449
1/4/2012	181	339	0	520	34	0	0	635	-115	264	256
1/5/2012	142	260	0	402	25	0	0	471	-69	264	138
1/6/2012	160	308	0	468	25	0	0	471	-3	264	204
1/7/2012	182	337	0	519	33	0	0	617	-98	264	255
1/8/2012	181	318	0	499	35	0	0	654	-155	264	235
1/9/2012	165	265	0	430	24	0	0	453	-23	264	166
1/10/2012	165	231	0	396	25	0	0	471	-75	264	132
1/11/2012	295	587	0	882	41	0	0	763	119	264	618
1/12/2012	327	711	0	1,038	53	0	0	982	56	264	774
1/13/2012	304	629	0	933	57	0	0	1,055	-122	264	669

DOC Attachment 3
Greater Minnesota Gas Historical Heating Season Load Data

	(SMC pdf)				Mankato						
	RAP	MAD	Interr Asphalt	Total	HDD						
1/14/2012	241	505	0	746	47	0	0	873	-127	264	482
1/15/2012	141	389	0	530	35	0	0	654	-124	264	266
1/16/2012	208	545	0	753	39	0	0	727	26	264	489
1/17/2012	307	686	0	993	54	0	0	1,001	-8	264	729
1/18/2012	348	720	0	1,068	51	0	0	946	122	264	804
1/19/2012	311	742	0	1,053	67	0	0	1,238	-185	264	789
1/20/2012	280	721	0	1,001	60	0	0	1,110	-109	264	737
1/21/2012	273	660	0	933	59	0	0	1,092	-159	264	669
1/22/2012	182	485	0	667	41	0	0	763	-96	264	403
1/23/2012	213	544	0	757	42	0	0	781	-24	264	493
1/24/2012	189	497	0	686	43	0	0	800	-114	264	422
1/25/2012	157	433	0	590	37	0	0	690	-100	264	326
1/26/2012	157	409	0	566	33	0	0	617	-51	264	302
1/27/2012	201	505	0	706	38	0	0	708	-2	264	442
1/28/2012	155	473	0	628	41	0	0	763	-135	264	364
1/29/2012	172	499	0	671	45	0	0	836	-165	264	407
1/30/2012	99	350	0	449	30	0	0	562	-113	264	185
1/31/2012	97	342	0	439	27	0	0	508	-69	264	175
2/1/2012	128	402	0	530	31	0	0	581	-51	264	266
2/2/2012	107	340	0	447	28	0	0	526	-79	264	183
2/3/2012	164	432	0	596	35	0	0	654	-58	264	332
2/4/2012	168	435	0	603	37	0	0	690	-87	264	339
2/5/2012	177	452	0	629	37	0	0	690	-61	264	365
2/6/2012	134	347	0	481	31	0	0	581	-100	264	217
2/7/2012	230	532	0	762	42	0	0	781	-19	264	498
2/8/2012	205	499	0	704	47	0	0	873	-169	264	440
2/9/2012	202	461	0	663	39	0	0	727	-64	264	399
2/10/2012	330	690	0	1,020	48	0	0	891	129	264	756
2/11/2012	275	667	0	942	57	0	0	1,055	-113	264	678
2/12/2012	184	509	0	693	45	0	0	836	-143	264	429
2/13/2012	185	514	0	699	43	0	0	800	-101	264	435
2/14/2012	174	491	0	665	40	0	0	745	-80	264	401
2/15/2012	143	434	0	577	39	0	0	727	-150	264	313
2/16/2012	146	407	0	553	33	0	0	617	-64	264	289
2/17/2012	170	438	0	608	32	0	0	599	9	264	344
2/18/2012	167	436	0	603	39	0	0	727	-124	264	339
2/19/2012	157	396	0	553	35	0	0	654	-101	264	289
2/20/2012	169	403	0	572	29	0	0	544	28	264	308
2/21/2012	169	419	0	588	32	0	0	599	-11	264	324
2/22/2012	148	372	0	520	34	0	0	635	-115	264	256
2/23/2012	168	403	0	571	34	0	0	635	-64	264	307
2/24/2012	248	565	0	813	42	0	0	781	32	264	549
2/25/2012	183	463	0	646	45	0	0	836	-190	264	382
2/26/2012	212	530	0	742	34	0	0	635	107	264	478
2/27/2012	167	462	0	629	42	0	0	781	-152	264	365
2/28/2012	176	442	0	618	35	0	0	654	-36	264	354
2/29/2012	148	409	0	557	30	0	0	562	-5	264	293
3/1/2012	137	396	0	533	33	0	0	617	-84	264	269
3/2/2012	178	448	0	626	33	0	0	617	9	264	362
3/3/2012	228	568	0	796	45	0	0	836	-40	264	532
3/4/2012	194	585	0	779	49	0	0	909	-130	264	515
3/5/2012	149	454	0	603	41	0	0	783	-160	264	339
3/6/2012	48	227	0	275	17	0	0	325	-50	264	11
3/7/2012	163	454	0	617	25	0	0	471	146	264	353
3/8/2012	184	416	0	600	33	0	0	617	-17	264	336
3/9/2012	296	202	0	498	37	0	0	690	-192	264	234
3/10/2012	186	78	0	264	15	0	0	288	-24	264	0
3/11/2012	169	77	0	246	13	0	0	252	-6	264	-18
3/12/2012	150	165	0	315	17	0	0	325	-10	264	51
3/13/2012	105	73	0	178	14	0	0	270	-92	264	-86
3/14/2012	91	54	0	145	9	0	0	179	-34	264	-119
3/15/2012	97	45	0	142	11	0	0	215	-73	264	-122
3/16/2012	86	1	0	87	3	0	0	69	18	264	-177
3/17/2012	87	0	0	87	0	1	87	15	72	264	-177
3/18/2012	90	0	0	90	0	1	90	15	75	264	-174
3/19/2012	82	5	0	87	0	1	87	15	72	264	-177
3/20/2012	94	13	0	107	6	0	0	124	-17	264	-157
3/21/2012	97	6	0	103	6	0	0	124	-21	264	-161
3/22/2012	99	6	0	105	3	0	0	69	36	264	-159
3/23/2012	85	1	0	86	4	0	0	88	-2	264	-178
3/24/2012	101	26	0	127	7	0	0	142	-15	264	-137
3/25/2012	127	88	0	215	18	0	0	343	-128	264	-49
3/26/2012	162	201	0	363	21	0	0	398	-35	264	99
3/27/2012	112	47	0	159	7	0	0	142	17	264	-105
3/28/2012	121	95	0	216	19	0	0	361	-145	264	-48
3/29/2012	111	50	0	161	13	0	0	252	-91	264	-103
3/30/2012	123	71	0	194	15	0	0	288	-94	264	-70

DOC Attachment 3
Greater Minnesota Gas Historical Heating Season Load Data

	(SMC pdf)				Mankato							
	RAP	MAD	Interr Asphalt	Total	HDD							
3/31/2012	138	99	0	237	17	0	0	325	-88	264	-27	
11/1/2012	168	740	447	461	28	0	0	526	-65	264	197	
11/2/2012	172	456	394	234	32	0	0	599	-365	264	-30	
11/3/2012	186	213	0	399	25	0	0	471	-72	264	135	
11/4/2012	164	367	0	531	23	0	0	435	96	264	267	
11/5/2012	167	387	328	226	23	0	0	435	-209	264	-38	
11/6/2012	179	329	82	426	23	0	0	435	-9	264	162	
11/7/2012	166	325	75	416	24	0	0	453	-37	264	152	
11/8/2012	155	177	18	314	19	0	0	361	-47	264	50	
11/9/2012	152	136	0	288	20	0	0	380	-92	264	24	
11/10/2012	118	61	0	179	6	0	0	124	55	264	-85	
11/11/2012	251	401	0	652	27	0	0	508	144	264	388	
11/12/2012	287	446	0	733	42	0	0	781	-48	264	469	
11/13/2012	196	578	122	652	33	0	0	617	35	264	388	
11/14/2012	124	612	408	328	24	0	0	453	-125	264	64	
11/15/2012	171	538	225	484	27	0	0	508	-24	264	220	
11/16/2012	103	464	245	322	33	0	0	617	-295	264	58	
11/17/2012	119	207	0	326	19	0	0	361	-35	264	62	
11/18/2012	115	211	0	326	13	0	0	252	74	264	62	
11/19/2012	132	151	66	217	16	0	0	307	-90	264	-47	
11/20/2012	121	189	0	310	25	0	0	471	-161	264	46	
11/21/2012	113	74	0	187	9	0	0	179	8	264	-77	
11/22/2012	127	445	0	572	23	0	0	435	137	264	308	
11/23/2012	284	504	0	788	45	0	0	836	-48	264	524	
11/24/2012	245	402	0	647	45	0	0	836	-189	264	383	
11/25/2012	247	379	0	626	35	0	0	654	-28	264	362	
11/26/2012	287	490	0	777	47	0	0	873	-96	264	513	
11/27/2012	248	383	0	631	39	0	0	727	-96	264	367	
11/28/2012	229	327	0	556	37	0	0	690	-134	264	292	
11/29/2012	210	269	0	479	31	0	0	581	-102	264	215	
11/30/2012	225	274	0	499	33	0	0	617	-118	264	235	
12/1/2012	205	218	0	423	23	0	0	435	-12	264	159	
12/2/2012	173	150	0	323	25	0	0	471	-148	264	59	
12/3/2012	189	162	0	351	18	0	0	343	8	264	87	
12/4/2012	267	349	0	616	37	0	0	690	-74	264	352	
12/5/2012	234	298	0	532	35	0	0	654	-122	264	268	
12/6/2012	216	244	0	460	27	0	0	508	-48	264	196	
12/7/2012	263	327	0	590	39	0	0	727	-137	264	326	
12/8/2012	253	309	0	562	39	0	0	727	-165	264	298	
12/9/2012	294	408	0	702	39	0	0	727	-25	264	438	
12/10/2012	363	559	0	922	57	0	0	1,055	-133	264	658	
12/11/2012	289	481	0	770	49	0	0	909	-139	264	506	
12/12/2012	216	311	0	527	37	0	0	690	-163	264	263	
12/13/2012	264	443	0	707	39	0	0	727	-20	264	443	
12/14/2012	188	298	0	486	39	0	0	727	-241	264	222	
12/15/2012	215	299	0	514	29	0	0	544	-30	264	250	
12/16/2012	285	459	0	744	41	0	0	763	-19	264	480	
12/17/2012	235	414	0	649	42	0	0	781	-132	264	385	
12/18/2012	225	396	0	621	39	0	0	727	-106	264	357	
12/19/2012	230	409	0	639	39	0	0	727	-88	264	375	
12/20/2012	335	625	0	960	49	0	0	909	51	264	696	
12/21/2012	317	594	0	911	59	0	0	1,092	-181	264	647	
12/22/2012	279	507	0	786	48	0	0	891	-105	264	522	
12/23/2012	281	525	0	806	51	0	0	946	-140	264	542	
12/24/2012	350	647	0	997	56	0	0	1,037	-40	264	733	
12/25/2012	367	691	0	1,058	65	0	0	1,202	-144	264	794	
12/26/2012	330	616	0	946	58	0	0	1,074	-128	264	682	
12/27/2012	295	554	0	849	52	0	0	964	-115	264	585	
12/28/2012	283	511	0	794	49	0	0	909	-115	264	530	
12/29/2012	330	612	0	942	57	0	0	1,055	-113	264	678	
12/30/2012	288	539	0	827	52	0	0	964	-137	264	563	
12/31/2012	358	686	0	1,044	59	0	0	1,092	-48	264	780	
1/1/2013	331	648	0	979	60	0	0	1,110	-131	264	715	
1/2/2013	295	587	0	882	48	0	0	891	-9	264	618	
1/3/2013	309	608	0	917	55	0	0	1,019	-102	264	653	
1/4/2013	265	501	0	766	45	0	0	836	-70	264	502	
1/5/2013	296	557	0	853	47	0	0	873	-20	264	589	
1/6/2013	277	533	0	810	50	0	0	928	-118	264	546	
1/7/2013	239	444	0	683	37	0	0	690	-7	264	419	
1/8/2013	226	424	0	650	41	0	0	763	-113	264	386	
1/9/2013	196	365	0	561	33	0	0	617	-56	264	297	
1/10/2013	198	359	0	557	31	0	0	581	-24	264	293	
1/11/2013	206	371	0	577	27	0	0	508	69	264	313	
1/12/2013	348	655	0	1,003	45	0	0	836	167	264	739	
1/13/2013	365	706	0	1,071	60	0	0	1,110	-39	264	807	
1/14/2013	320	635	0	955	53	0	0	982	-27	264	691	
1/15/2013	255	490	0	745	45	0	0	836	-91	264	481	
1/16/2013	284	550	0	834	35	0	0	654	180	264	570	
1/17/2013	278	550	0	828	51	0	0	946	-118	264	564	
1/18/2013	186	352	0	538	32	0	0	599	-61	264	274	
1/19/2013	321	622	0	943	43	0	0	800	143	264	679	
1/20/2013	401	806	0	1,207	61	0	0	1,128	79	264	943	
1/21/2013	438	879	0	1,317	69	0	0	1,275	42	264	1,053	
1/22/2013	361	736	0	1,097	65	0	0	1,202	-105	264	833	

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Greater Minnesota Gas Historical Heating Season Load Data

	(SMC pdf)				Mankato							
	RAP	MAD	Asphalt	Total	HDD							
1/23/2013	387	771	0	1,158	59	0	0	1,092	66	264	894	
1/24/2013	368	739	0	1,107	58	0	0	1,074	33	264	843	
1/25/2013	378	708	0	1,086	54	0	0	1,001	85	264	822	
1/26/2013	306	572	0	878	51	0	0	946	-68	264	614	
1/27/2013	227	413	0	640	35	0	0	654	-14	264	376	
1/28/2013	214	380	0	594	33	0	0	617	-23	264	330	
1/29/2013	245	443	0	688	34	0	0	635	53	264	424	
1/30/2013	392	730	0	1,122	50	0	0	928	194	264	858	
1/31/2013	489	930	0	1,419	67	0	0	1,238	181	264	1,155	
2/1/2013	380	693	0	1,073	63	0	0	1,165	-92	264	809	
2/2/2013	348	622	0	970	56	0	0	1,037	-67	264	706	
2/3/2013	339	611	0	950	53	0	0	982	-32	264	686	
2/4/2013	301	539	0	840	55	0	0	1,019	-179	264	576	
2/5/2013	304	531	0	835	45	0	0	836	-1	264	571	
2/6/2013	241	429	0	670	46	0	0	855	-185	264	406	
2/7/2013	267	476	0	743	39	0	0	727	16	264	479	
2/8/2013	264	475	0	739	40	0	0	745	-6	264	475	
2/9/2013	242	415	0	657	35	0	0	654	3	264	393	
2/10/2013	235	398	0	633	33	0	0	617	16	264	369	
2/11/2013	295	547	0	842	41	0	0	763	79	264	578	
2/12/2013	237	408	0	645	38	0	0	708	-63	264	381	
2/13/2013	195	314	0	509	36	0	0	672	-163	264	245	
2/14/2013	297	531	0	828	43	0	0	800	28	264	564	
2/15/2013	318	582	0	900	55	0	0	1,019	-119	264	636	
2/16/2013	278	511	0	789	51	0	0	946	-157	264	525	
2/17/2013	233	413	0	646	41	0	0	763	-117	264	382	
2/18/2013	392	733	0	1,125	47	0	0	873	252	264	861	
2/19/2013	465	874	0	1,339	67	0	0	1,238	101	264	1,075	
2/20/2013	349	673	0	1,022	65	0	0	1,202	-180	264	758	
2/21/2013	306	591	0	897	52	0	0	964	-67	264	633	
2/22/2013	264	518	0	782	43	0	0	800	-18	264	518	
2/23/2013	277	549	0	826	49	0	0	909	-83	264	562	
2/24/2013	214	458	0	672	52	0	0	964	-292	264	408	
2/25/2013	225	469	0	694	42	0	0	781	-87	264	430	
2/26/2013	215	446	0	661	44	0	0	818	-157	264	397	
2/27/2013	232	467	0	699	35	0	0	654	45	264	435	
2/28/2013	236	487	0	723	39	0	0	727	-4	264	459	
3/1/2013	267	540	0	807	43	0	0	800	7	264	543	
3/2/2013	201	465	0	666	47	0	0	873	-207	264	402	
3/3/2013	207	469	0	676	39	0	0	727	-51	264	412	
3/4/2013	217	492	0	709	37	0	0	690	19	264	445	
3/5/2013	206	469	0	675	40	0	0	745	-70	264	411	
3/6/2013	251	525	0	776	41	0	0	763	13	264	512	
3/7/2013	222	508	0	730	47	0	0	873	-143	264	466	
3/8/2013	161	377	0	538	38	0	0	708	-170	264	274	
3/9/2013	171	383	0	554	29	0	0	544	10	264	290	
3/10/2013	217	475	0	692	35	0	0	654	38	264	428	
3/11/2013	216	485	0	701	38	0	0	708	-7	264	437	
3/12/2013	250	557	0	807	42	0	0	781	26	264	543	
3/13/2013	199	448	0	647	44	0	0	818	-171	264	383	
3/14/2013	133	346	0	479	33	0	0	617	-138	264	215	
3/15/2013	169	407	0	576	32	0	0	599	-23	264	312	
3/16/2013	252	555	0	807	43	0	0	800	7	264	543	
3/17/2013	220	492	0	712	47	0	0	873	-161	264	448	
3/18/2013	305	665	0	970	43	0	0	800	170	264	706	
3/19/2013	311	669	0	980	52	0	0	964	16	264	716	
3/20/2013	315	671	0	986	54	0	0	1,001	-15	264	722	
3/21/2013	231	530	0	761	53	0	0	982	-221	264	497	
3/22/2013	184	455	0	639	47	0	0	873	-234	264	375	
3/23/2013	190	446	0	636	41	0	0	763	-127	264	372	
3/24/2013	197	456	0	653	37	0	0	690	-37	264	389	
3/25/2013	203	460	0	663	37	0	0	690	-27	264	399	
3/26/2013	172	417	0	589	39	0	0	727	-138	264	325	
3/27/2013	148	370	0	518	37	0	0	690	-172	264	254	
3/28/2013	127	321	0	448	30	0	0	562	-114	264	184	
3/29/2013	89	228	0	317	25	0	0	471	-154	264	53	
3/30/2013	107	298	0	405	24	0	0	453	-48	264	141	
3/31/2013	195	450	0	645	34	0	0	635	10	264	381	

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Greater Minnesota Gas Historical Heating Season Load Data

	(SMC pdf)				Mankato						
	RAP	MAD	Interr Asphalt	Total	HDD						
11/1/2013	509	523	87	1,032	21	0	0	398	634	264	788
11/2/2013	510	497	0	1,007	24	0	0	453	554	264	743
11/3/2013	450	579	0	1,029	19	0	0	361	668	264	765
11/4/2013	499	682	195	1,181	24	0	0	453	728	264	917
11/5/2013	403	453	0	856	31	0	0	581	275	264	592
11/6/2013	327	501	0	828	33	0	0	617	211	264	564
11/7/2013	493	1,322	720	1,815	34	0	0	635	1,180	264	1,551
11/8/2013	431	1,132	670	1,563	27	0	0	508	1,055	264	1,299
11/9/2013	444	724	464	1,168	25	0	0	471	697	264	904
11/10/2013	324	413	0	737	31	0	0	581	156	264	473
11/11/2013	401	511	0	912	41	0	0	763	149	264	648
11/12/2013	386	494	0	880	48	0	0	891	-11	264	616
11/13/2013	329	786	318	1,115	29	0	0	544	571	264	851
11/14/2013	375	820	369	1,195	23	0	0	435	760	264	931
11/15/2013	232	476	356	708	23	0	0	435	273	264	444
11/16/2013	193	236	86	429	19	0	0	361	68	264	165
11/17/2013	250	295	0	545	27	0	0	508	37	264	281
11/18/2013	289	336	0	625	35	0	0	654	-29	264	361
11/19/2013	227	265	0	492	31	0	0	581	-89	264	228
11/20/2013	239	263	0	502	24	0	0	453	49	264	238
11/21/2013	377	418	0	795	34	0	0	635	160	264	531
11/22/2013	391	425	0	816	43	0	0	800	16	264	552
11/23/2013	462	493	0	955	55	0	0	1,019	-64	264	691
11/24/2013	366	401	0	767	47	0	0	873	-106	264	503
11/25/2013	281	318	0	599	31	0	0	581	18	264	335
11/26/2013	432	483	0	915	43	0	0	800	115	264	651
11/27/2013	403	444	0	847	51	0	0	946	-99	264	583
11/28/2013	381	416	0	797	44	0	0	818	-21	264	533
11/29/2013	343	366	0	709	43	0	0	800	-91	264	445
11/30/2013	257	257	0	514	30	0	0	562	-48	264	250
12/1/2013	294	309	0	603	37	0	0	690	-87	264	339
12/2/2013	266	299	0	565	31	0	0	581	-16	264	301
12/3/2013	261	293	0	554	32	0	0	599	-45	264	290
12/4/2013	399	453	0	852	43	0	0	800	52	264	588
12/5/2013	550	633	0	1,183	60	0	0	1,110	73	264	919
12/6/2013	471	828	0	1,299	69	0	0	1,275	24	264	1,035
12/7/2013	406	737	0	1,143	70	0	0	1,293	-150	264	879
12/8/2013	363	651	0	1,014	57	0	0	1,055	-41	264	750
12/9/2013	422	803	0	1,225	62	0	0	1,147	78	264	961
12/10/2013	389	720	0	1,109	55	0	0	1,019	90	264	845
12/11/2013	421	781	0	1,202	64	0	0	1,183	19	264	938
12/12/2013	328	595	0	923	53	0	0	982	-59	264	659
12/13/2013	347	625	0	972	50	0	0	928	44	264	708
12/14/2013	388	695	0	1,083	59	0	0	1,092	-9	264	819
12/15/2013	387	709	0	1,096	63	0	0	1,165	-69	264	832
12/16/2013	321	577	0	898	50	0	0	928	-30	264	634
12/17/2013	320	594	0	914	40	0	0	745	169	264	650
12/18/2013	266	443	0	709	41	0	0	763	-54	264	445
12/19/2013	320	578	0	898	41	0	0	763	135	264	634
12/20/2013	329	570	0	899	49	0	0	909	-10	264	635
12/21/2013	314	551	0	865	49	0	0	909	-44	264	601
12/22/2013	429	797	0	1,226	57	0	0	1,055	171	264	962
12/23/2013	493	934	0	1,427	71	0	0	1,311	116	264	1,163
12/24/2013	394	732	0	1,126	67	0	0	1,238	-112	264	862
12/25/2013	302	539	0	841	45	0	0	836	5	264	577
12/26/2013	260	439	0	699	42	0	0	781	-82	264	435
12/27/2013	240	388	0	628	35	0	0	654	-26	264	364
12/28/2013	282	470	0	752	35	0	0	654	98	264	488
12/29/2013	473	869	0	1,342	61	0	0	1,128	214	264	1,078
12/30/2013	444	827	0	1,271	68	0	0	1,256	15	264	1,007
12/31/2013	444	843	0	1,287	69	0	0	1,275	12	264	1,023
1/1/2014	434	816	0	1,250	67	0	0	1,238	12	264	986
1/2/2014	462	872	0	1,334	73	0	0	1,348	-14	264	1,070
1/3/2014	353	660	0	1,013	59	0	0	1,092	-79	264	749
1/4/2014	416	757	0	1,173	47	0	0	873	300	264	909
1/5/2014	558	1,061	0	1,619	75	0	0	1,384	235	264	1,355
1/6/2014	543	1,026	0	1,569	81	0	0	1,494	75	264	1,305
1/7/2014	447	818	0	1,265	68	0	0	1,256	9	264	1,001
1/8/2014	447	825	0	1,272	69	0	0	1,275	-3	264	1,008
1/9/2014	357	661	0	1,018	58	0	0	1,074	-56	264	754
1/10/2014	287	484	0	771	41	0	0	763	8	264	507
1/11/2014	286	484	0	770	41	0	0	763	7	264	506
1/12/2014	228	363	0	591	36	0	0	672	-81	264	327
1/13/2014	242	407	0	649	34	0	0	635	14	264	385
1/14/2014	374	659	0	1,033	43	0	0	800	233	264	769
1/15/2014	322	584	0	906	47	0	0	873	33	264	642
1/16/2014	416	754	0	1,170	44	0	0	818	352	264	906
1/17/2014	369	670	0	1,039	59	0	0	1,092	-53	264	775
1/18/2014	316	554	0	870	49	0	0	909	-39	264	606
1/19/2014	227	384	0	611	37	0	0	690	-79	264	347
1/20/2014	411	760	0	1,171	52	0	0	964	207	264	907
1/21/2014	440	830	0	1,270	68	0	0	1,256	14	264	1,006
1/22/2014	506	957	0	1,463	65	0	0	1,202	261	264	1,199
1/23/2014	459	867	0	1,326	71	0	0	1,311	15	264	1,062

DOC Attachment 3
Greater Minnesota Gas Historical Heating Season Load Data

	(SMC pdf)				Mankato							
	RAP	MAD	Interr Asphalt	Total	HDD							
1/24/2014	310	556	0	866	45	0	0	836	30	264	602	
1/25/2014	364	673	0	1,037	49	0	0	909	128	264	773	
1/26/2014	476	894	0	1,370	57	0	0	1,055	315	264	1,106	
1/27/2014	524	988	0	1,512	75	0	0	1,384	128	264	1,248	
1/28/2014	463	849	0	1,312	69	0	0	1,275	37	264	1,048	
1/29/2014	301	530	0	831	50	0	0	928	-97	264	567	
1/30/2014	410	727	0	1,137	53	0	0	982	155	264	873	
1/31/2014	394	722	0	1,116	65	0	0	1,202	-86	264	852	
2/1/2014	409	716	0	1,125	56	0	0	1,037	88	264	861	
2/2/2014	395	706	0	1,101	61	0	0	1,128	-27	264	837	
2/3/2014	381	692	0	1,073	59	0	0	1,092	-19	264	809	
2/4/2014	432	798	0	1,230	61	0	0	1,128	102	264	966	
2/5/2014	474	895	0	1,369	67	0	0	1,238	131	264	1,105	
2/6/2014	452	838	0	1,290	68	0	0	1,256	34	264	1,026	
2/7/2014	401	748	0	1,149	61	0	0	1,128	21	264	885	
2/8/2014	381	696	0	1,077	59	0	0	1,092	-15	264	813	
2/9/2014	444	819	0	1,263	65	0	0	1,202	61	264	999	
2/10/2014	463	856	0	1,319	69	0	0	1,275	44	264	1,055	
2/11/2014	398	752	0	1,150	65	0	0	1,202	-52	264	886	
2/12/2014	327	596	0	923	47	0	0	873	50	264	659	
2/13/2014	378	700	0	1,078	47	0	0	873	205	264	814	
2/14/2014	394	715	0	1,109	59	0	0	1,092	17	264	845	
2/15/2014	358	636	0	994	55	0	0	1,019	-25	264	730	
2/16/2014	330	594	0	924	53	0	0	982	-58	264	660	
2/17/2014	267	468	0	735	37	0	0	690	45	264	471	
2/18/2014	230	375	0	605	32	0	0	599	6	264	341	
2/19/2014	199	324	0	523	33	0	0	617	-94	264	259	
2/20/2014	303	543	0	846	37	0	0	690	156	264	582	
2/21/2014	341	606	0	947	54	0	0	1,001	-54	264	683	
2/22/2014	351	618	0	969	55	0	0	1,019	-50	264	705	
2/23/2014	360	645	0	1,005	57	0	0	1,055	-50	264	741	
2/24/2014	397	733	0	1,130	61	0	0	1,128	2	264	866	
2/25/2014	458	845	0	1,303	65	0	0	1,202	101	264	1,039	
2/26/2014	430	812	0	1,242	59	0	0	1,092	150	264	978	
2/27/2014	446	823	0	1,269	73	0	0	1,348	-79	264	1,005	
2/28/2014	413	752	0	1,165	61	0	0	1,128	37	264	901	
3/1/2014	493	900	0	1,393	65	0	0	1,202	191	264	1,129	
3/2/2014	454	818	0	1,272	73	0	0	1,348	-76	264	1,008	
3/3/2014	397	735	0	1,132	65	0	0	1,202	-70	264	868	
3/4/2014	324	576	0	900	51	0	0	946	-46	264	636	
3/5/2014	329	565	0	894	50	0	0	928	-34	264	630	
3/6/2014	306	531	0	837	48	0	0	891	-54	264	573	
3/7/2014	294	481	0	775	37	0	0	690	85	264	511	
3/8/2014	277	450	0	727	47	0	0	873	-146	264	463	
3/9/2014	214	316	0	530	37	0	0	690	-160	264	266	
3/10/2014	172	215	0	387	23	0	0	435	-48	264	123	
3/11/2014	248	384	0	632	31	0	0	581	51	264	368	
3/12/2014	262	416	0	678	42	0	0	781	-103	264	414	
3/13/2014	174	208	0	382	25	0	0	471	-89	264	118	
3/14/2014	228	336	0	564	29	0	0	544	20	264	300	
3/15/2014	282	449	0	731	39	0	0	727	4	264	467	
3/16/2014	270	439	0	709	45	0	0	836	-127	264	445	
3/17/2014	224	339	0	563	31	0	0	581	-18	264	299	
3/18/2014	245	376	0	621	33	0	0	617	4	264	357	
3/19/2014	236	347	0	583	33	0	0	617	-34	264	319	
3/20/2014	198	261	0	459	29	0	0	544	-85	264	195	
3/21/2014	270	421	0	691	31	0	0	581	110	264	427	
3/22/2014	329	539	0	868	49	0	0	909	-41	264	604	
3/23/2014	284	457	0	741	47	0	0	873	-132	264	477	
3/24/2014	298	500	0	798	37	0	0	690	108	264	534	
3/25/2014	322	551	0	873	47	0	0	873	0	264	609	
3/26/2014	212	332	0	544	34	0	0	635	-91	264	280	
3/27/2014	234	358	0	592	27	0	0	508	84	264	328	
3/28/2014	241	344	0	585	33	0	0	617	-32	264	321	
3/29/2014	192	257	0	449	31	0	0	581	-132	264	185	
3/30/2014	141	146	0	287	15	0	0	288	-1	264	23	
3/31/2014	207	261	0	468	20	0	0	380	108	264	224	

DOC Attachment 3
Greater Minnesota Gas Historical Heating Season Load Data

	(SMC pdf)				Mankato						
	<u>RAP</u>	<u>MAD</u>	<u>Asphalt</u>	<u>Total</u>	<u>HDD</u>						
11/1/2014	274	512	0	786	32	0	0	599	187	264	522
11/2/2014	105	360	0	465	17	0	0	325	140	264	201
11/3/2014	114	443	43	600	16	0	0	307	293	264	336
11/4/2014	148	528	101	777	20	0	0	380	397	264	513
11/5/2014	193	517	68	778	25	0	0	471	307	264	514
11/6/2014	198	611	177	986	30	0	0	562	424	264	722
11/7/2014	165	490	150	805	24	0	0	453	352	264	541
11/8/2014	151	337	82	570	27	0	0	508	62	264	306
11/9/2014	203	380	0	583	28	0	0	526	57	264	319
11/10/2014	247	552	0	799	35	0	0	654	145	264	535
11/11/2014	290	745	118	1,153	43	0	0	800	353	264	889
11/12/2014	284	745	147	1,176	45	0	0	836	340	264	912
11/13/2014	321	779	145	1,245	48	0	0	891	354	264	981
11/14/2014	304	735	121	1,160	53	0	0	982	178	264	896
11/15/2014	279	561	55	895	50	0	0	928	-33	264	631
11/16/2014	328	660	0	988	53	0	0	982	6	264	724
11/17/2014	374	751	0	1,125	55	0	0	1,019	106	264	861
11/18/2014	313	649	0	962	52	0	0	964	-2	264	698
11/19/2014	305	623	0	928	44	0	0	818	110	264	664
11/20/2014	342	681	0	1,023	54	0	0	1,001	22	264	759
11/21/2014	250	524	0	774	45	0	0	836	-62	264	510
11/22/2014	18	341	0	359	23	0	0	435	-76	264	95
11/23/2014	0	384	0	384	24	0	0	453	-69	264	120
11/24/2014	0	708	0	708	44	0	0	818	-110	264	444
11/25/2014	224	517	0	741	47	0	0	873	-132	264	477
11/26/2014	330	638	0	968	47	0	0	873	95	264	704
11/27/2014	366	710	0	1,076	65	0	0	1,202	-126	264	812
11/28/2014	281	576	0	857	49	0	0	909	-52	264	593
11/29/2014	246	485	0	731	36	0	0	672	59	264	467
11/30/2014	393	756	0	1,149	52	0	0	964	185	264	885
12/1/2014	398	797	0	1,195	63	0	0	1,165	30	264	931
12/2/2014	320	645	0	965	49	0	0	909	56	264	701
12/3/2014	289	588	0	877	49	0	0	909	-32	264	613
12/4/2014	225	473	0	698	41	0	0	763	-65	264	434
12/5/2014	225	439	0	664	35	0	0	654	10	264	400
12/6/2014	236	474	0	710	43	0	0	800	-90	264	446
12/7/2014	218	444	0	662	35	0	0	654	8	264	398
12/8/2014	277	540	0	817	37	0	0	690	127	264	553
12/9/2014	265	529	0	794	45	0	0	836	-42	264	530
12/10/2014	235	473	0	708	39	0	0	727	-19	264	444
12/11/2014	219	432	0	651	34	0	0	635	16	264	387
12/12/2014	189	387	0	576	29	0	0	544	32	264	312
12/13/2014	216	250	0	466	23	0	0	435	31	264	202
12/14/2014	253	228	0	481	15	0	0	288	193	264	217
12/15/2014	259	379	0	638	25	0	0	471	167	264	374
12/16/2014	355	676	0	1,031	45	0	0	836	195	264	767
12/17/2014	308	597	0	905	51	0	0	946	-41	264	641
12/18/2014	270	536	0	806	47	0	0	873	-67	264	542
12/19/2014	226	461	0	687	38	0	0	708	-21	264	423
12/20/2014	216	431	0	647	34	0	0	635	12	264	383
12/21/2014	190	388	0	578	29	0	0	544	34	264	314
12/22/2014	193	392	0	585	28	0	0	526	59	264	321
12/23/2014	205	399	0	604	30	0	0	562	42	264	340
12/24/2014	215	416	0	631	33	0	0	617	14	264	367
12/25/2014	197	388	0	585	32	0	0	599	-14	264	321
12/26/2014	240	460	0	700	34	0	0	635	65	264	436
12/27/2014	331	602	0	933	46	0	0	855	78	264	669
12/28/2014	317	600	0	917	52	0	0	964	-47	264	653
12/29/2014	429	810	0	1,239	60	0	0	1,110	129	264	975
12/30/2014	464	886	0	1,350	69	0	0	1,275	75	264	1,086
12/31/2014	392	769	0	1,161	62	0	0	1,147	14	264	897
1/1/2015	288	578	0	866	44	0	0	818	48	264	602
1/2/2015	292	580	0	872	47	0	0	873	-1	264	608
1/3/2015	342	665	0	1,007	45	0	0	836	171	264	743
1/4/2015	493	949	0	1,442	64	0	0	1,183	259	264	1,178
1/5/2015	494	918	0	1,412	69	0	0	1,275	137	264	1,148
1/6/2015	496	943	0	1,439	66	0	0	1,220	219	264	1,175
1/7/2015	507	958	0	1,465	69	0	0	1,275	190	264	1,201
1/8/2015	468	894	0	1,362	61	0	0	1,128	234	264	1,098
1/9/2015	474	879	0	1,353	63	0	0	1,165	188	264	1,089
1/10/2015	412	747	0	1,159	56	0	0	1,037	122	264	895
1/11/2015	395	715	0	1,110	55	0	0	1,019	91	264	846
1/12/2015	486	914	0	1,400	64	0	0	1,183	217	264	1,136
1/13/2015	393	739	0	1,132	63	0	0	1,165	-33	264	868
1/14/2015	304	553	0	857	44	0	0	818	39	264	593
1/15/2015	270	489	0	759	38	0	0	708	51	264	495
1/16/2015	246	450	0	696	39	0	0	727	-31	264	432
1/17/2015	244	435	0	679	33	0	0	617	62	264	415
1/18/2015	233	401	0	634	33	0	0	617	17	264	370
1/19/2015	207	350	0	557	32	0	0	599	-42	264	293
1/20/2015	241	443	0	684	33	0	0	617	67	264	420
1/21/2015	291	522	0	813	38	0	0	708	105	264	549
1/22/2015	297	555	0	852	46	0	0	855	-3	264	588
1/23/2015	232	411	0	643	33	0	0	617	26	264	379

DOC Attachment 3
Greater Minnesota Gas Historical Heating Season Load Data

	(SMC pdf)											
	Interr				Mankato							
	RAP	MAD	Asphalt	Total	HDD							
1/24/2015	204	347	0	551	31	0	0	581	-30	264	287	
1/25/2015	256	462	0	718	35	0	0	654	64	264	454	
1/26/2015	199	350	0	549	30	0	0	562	-13	264	285	
1/27/2015	227	413	0	640	32	0	0	599	41	264	376	
1/28/2015	247	453	0	700	33	0	0	617	83	264	436	
1/29/2015	245	617	0	862	40	0	0	745	117	264	598	
1/30/2015	253	531	0	784	45	0	0	836	-52	264	520	
1/31/2015	267	573	0	840	41	0	0	763	77	264	576	
2/1/2015	311	765	0	1,076	53	0	0	982	94	264	812	
2/2/2015	415	791	0	1,206	61	0	0	1,128	78	264	942	
2/3/2015	364	704	0	1,068	55	0	0	1,019	49	264	804	
2/4/2015	435	837	0	1,272	61	0	0	1,128	144	264	1,008	
2/5/2015	383	741	0	1,124	59	0	0	1,092	32	264	860	
2/6/2015	265	504	0	769	45	0	0	836	-67	264	505	
2/7/2015	200	375	0	575	35	0	0	654	-79	264	311	
2/8/2015	240	464	0	704	34	0	0	635	69	264	440	
2/9/2015	240	449	0	689	38	0	0	708	-19	264	425	
2/10/2015	298	577	0	875	34	0	0	635	240	264	611	
2/11/2015	427	821	0	1,248	51	0	0	946	302	264	984	
2/12/2015	386	735	0	1,121	60	0	0	1,110	11	264	857	
2/13/2015	339	663	0	1,002	43	0	0	800	202	264	738	
2/14/2015	420	800	0	1,220	56	0	0	1,037	183	264	956	
2/15/2015	413	796	0	1,209	59	0	0	1,092	117	264	945	
2/16/2015	387	751	0	1,138	48	0	0	891	247	264	874	
2/17/2015	457	899	0	1,356	59	0	0	1,092	264	264	1,092	
2/18/2015	513	992	0	1,505	68	0	0	1,256	249	264	1,241	
2/19/2015	391	771	0	1,162	63	0	0	1,165	-3	264	898	
2/20/2015	316	612	0	928	46	0	0	855	73	264	664	
2/21/2015	407	767	0	1,174	52	0	0	964	210	264	910	
2/22/2015	496	950	0	1,446	69	0	0	1,275	171	264	1,182	
2/23/2015	364	725	0	1,089	58	0	0	1,074	15	264	825	
2/24/2015	305	607	0	912	40	0	0	745	167	264	648	
2/25/2015	411	791	0	1,202	55	0	0	1,019	183	264	938	
2/26/2015	464	904	0	1,368	67	0	0	1,238	130	264	1,104	
2/27/2015	424	842	0	1,266	63	0	0	1,165	101	264	1,002	
2/28/2015	373	739	0	1,112	59	0	0	1,092	20	264	848	
					3		264					

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Greater Minnesota Gas Historical Heating Season Load Data

	Forest	Held	(jennie-o)		Faribault						
			Faribault \$	Total	HDD						
11/1/2011	73	336	38	447	19	0	0	734	-287	407	40
11/2/2011	93	446	49	588	23	0	0	926	-338	407	181
11/3/2011	95	433	56	584	27	0	0	1,119	-535	407	177
11/4/2011	86	402	60	548	27	0	0	1,119	-571	407	141
11/5/2011	75	327	50	452	19	0	0	734	-282	407	45
11/6/2011	89	375	42	506	19	0	0	734	-228	407	99
11/7/2011	92	385	43	520	26	0	0	1,071	-551	407	113
11/8/2011	107	428	43	578	27	0	0	1,119	-541	407	171
11/9/2011	111	481	44	636	24	0	0	974	-338	407	229
11/10/2011	146	608	55	809	35	0	0	1,504	-695	407	402
11/11/2011	107	409	48	564	27	0	0	1,119	-555	407	157
11/12/2011	85	299	47	431	21	0	0	830	-399	407	24
11/13/2011	113	440	50	603	23	0	0	926	-323	407	196
11/14/2011	112	407	49	568	24	0	0	974	-406	407	161
11/15/2011	130	513	57	700	25	0	0	1,022	-322	407	293
11/16/2011	175	766	62	1,003	36	0	0	1,552	-549	407	596
11/17/2011	154	683	53	890	40	0	0	1,745	-855	407	483
11/18/2011	140	482	38	660	23	0	0	926	-266	407	253
11/19/2011	216	805	48	1,069	35	0	0	1,504	-435	407	662
11/20/2011	215	805	50	1,070	43	0	0	1,889	-819	407	663
11/21/2011	161	600	42	803	35	0	0	1,504	-701	407	396
11/22/2011	146	544	41	731	29	0	0	1,215	-484	407	324
11/23/2011	127	412	40	579	21	0	0	830	-251	407	172
11/24/2011	88	281	31	400	17	0	0	637	-237	407	-7
11/25/2011	92	302	30	424	17	0	0	637	-213	407	17
11/26/2011	159	562	36	757	23	0	0	926	-169	407	350
11/27/2011	191	695	64	950	33	0	0	1,408	-458	407	543
11/28/2011	202	621	100	923	35	0	0	1,504	-581	407	516
11/29/2011	225	682	140	1,047	37	0	0	1,600	-553	407	640
11/30/2011	188	628	103	919	35	0	0	1,504	-585	407	512
12/1/2011	258	856	213	1,327	40	0	0	1,745	-418	407	920
12/2/2011	240	768	151	1,159	43	0	0	1,889	-730	407	752
12/3/2011	215	721	108	1,044	35	0	0	1,504	-460	407	637
12/4/2011	253	826	131	1,210	41	0	0	1,793	-583	407	803
12/5/2011	277	919	160	1,356	49	0	0	2,178	-822	407	949
12/6/2011	302	1,045	168	1,515	55	0	0	2,467	-952	407	1,108
12/7/2011	260	888	115	1,263	45	0	0	1,985	-722	407	856
12/8/2011	305	1,049	152	1,506	47	0	0	2,082	-576	407	1,099
12/9/2011	343	1,222	192	1,757	60	0	0	2,707	-950	407	1,350
12/10/2011	286	996	176	1,458	53	0	0	2,370	-912	407	1,051
12/11/2011	212	696	86	994	37	0	0	1,600	-606	407	587
12/12/2011	163	571	25	759	29	0	0	1,215	-456	407	352
12/13/2011	162	585	32	779	29	0	0	1,215	-436	407	372
12/14/2011	161	607	39	807	27	0	0	1,119	-312	407	400
12/15/2011	317	935	118	1,370	37	0	0	1,600	-230	407	963
12/16/2011	270	829	84	1,183	43	0	0	1,889	-706	407	776
12/17/2011	256	774	90	1,120	42	0	0	1,841	-721	407	713
12/18/2011	192	573	57	822	33	0	0	1,408	-586	407	415
12/19/2011	276	821	91	1,188	38	0	0	1,648	-460	407	781
12/20/2011	270	832	132	1,234	44	0	0	1,937	-703	407	827
12/21/2011	253	789	96	1,138	41	0	0	1,793	-655	407	731
12/22/2011	304	904	161	1,369	45	0	0	1,985	-616	407	962
12/23/2011	295	897	144	1,336	41	0	0	1,793	-457	407	929
12/24/2011	197	640	67	904	39	0	0	1,696	-792	407	497
12/25/2011	207	637	105	949	33	0	0	1,408	-459	407	542
12/26/2011	183	570	82	835	29	0	0	1,215	-380	407	428
12/27/2011	232	735	107	1,074	36	0	0	1,552	-478	407	667
12/28/2011	187	614	72	873	35	0	0	1,504	-631	407	466
12/29/2011	204	685	74	963	33	0	0	1,408	-445	407	556
12/30/2011	195	658	69	922	36	0	0	1,552	-630	407	515
12/31/2011	202	670	82	954	29	0	0	1,215	-261	407	547
1/1/2012	333	1,093	165	1,591	39	0	0	1,696	-105	407	1,184
1/2/2012	336	1,110	186	1,632	52	0	0	2,322	-690	407	1,225
1/3/2012	287	940	123	1,350	47	0	0	2,082	-732	407	943
1/4/2012	204	677	67	948	37	0	0	1,600	-652	407	541
1/5/2012	154	555	43	752	29	0	0	1,215	-463	407	345
1/6/2012	171	573	35	779	25	0	0	1,022	-243	407	372
1/7/2012	201	681	58	940	35	0	0	1,504	-564	407	533
1/8/2012	188	633	57	878	37	0	0	1,600	-722	407	471
1/9/2012	169	515	48	732	29	0	0	1,215	-483	407	325
1/10/2012	147	448	38	633	27	0	0	1,119	-486	407	226
1/11/2012	320	1,080	149	1,549	41	0	0	1,793	-244	407	1,142
1/12/2012	423	1,340	181	1,944	5	0	0	60	1,884	407	1,537
1/13/2012	406	1,273	196	1,875	59	0	0	2,659	-784	407	1,468
1/14/2012	324	1,008	109	1,441	51	0	0	2,274	-833	407	1,034
1/15/2012	244	711	48	1,003	35	0	0	1,504	-501	407	586

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	Forest	Held	(jennie-o)		Faribault							
			Faribault 5	Total	HDD							
1/16/2012	308	972	114	1,394	39	0	0	1,696	-302	407	987	
1/17/2012	407	1,317	213	1,937	55	0	0	2,467	-530	407	1,530	
1/18/2012	437	1,454	201	2,092	53	0	0	2,370	-278	407	1,685	
1/19/2012	475	1,524	198	2,197	69	0	0	3,141	-944	407	1,790	
1/20/2012	458	1,403	183	2,044	65	0	0	2,948	-904	407	1,637	
1/21/2012	419	1,293	214	1,926	60	0	0	2,707	-781	407	1,519	
1/22/2012	315	972	82	1,369	41	0	0	1,793	-424	407	962	
1/23/2012	334	1,047	157	1,538	42	0	0	1,841	-303	407	1,131	
1/24/2012	287	948	156	1,391	45	0	0	1,985	-594	407	984	
1/25/2012	250	800	150	1,200	39	0	0	1,696	-496	407	793	
1/26/2012	226	690	141	1,057	37	0	0	1,600	-543	407	650	
1/27/2012	299	932	129	1,360	40	0	0	1,745	-385	407	953	
1/28/2012	274	884	106	1,264	42	0	0	1,841	-577	407	857	
1/29/2012	283	907	127	1,317	49	0	0	2,178	-861	407	910	
1/30/2012	179	528	20	727	31	0	0	1,311	-584	407	320	
1/31/2012	183	568	52	803	27	0	0	1,119	-316	407	396	
2/1/2012	203	643	70	916	32	0	0	1,359	-443	407	509	
2/2/2012	191	653	56	900	34	0	0	1,456	-556	407	493	
2/3/2012	231	784	37	1,052	35	0	0	1,504	-452	407	645	
2/4/2012	229	769	34	1,032	37	0	0	1,600	-568	407	625	
2/5/2012	245	814	40	1,099	37	0	0	1,600	-501	407	692	
2/6/2012	186	578	43	807	31	0	0	1,311	-504	407	400	
2/7/2012	300	997	144	1,441	44	0	0	1,937	-496	407	1,034	
2/8/2012	272	906	123	1,301	47	0	0	2,082	-781	407	894	
2/9/2012	260	822	111	1,193	41	0	0	1,793	-600	407	786	
2/10/2012	380	1373	210	1,963	49	0	0	2,178	-215	407	1,556	
2/11/2012	381	1303	173	1,857	55	0	0	2,467	-610	407	1,450	
2/12/2012	277	940	134	1,351	47	0	0	2,082	-731	407	944	
2/13/2012	265	861	107	1,233	43	0	0	1,889	-656	407	826	
2/14/2012	243	777	104	1,124	37	0	0	1,600	-476	407	717	
2/15/2012	207	718	70	995	35	0	0	1,504	-509	407	588	
2/16/2012	203	675	83	961	35	0	0	1,504	-543	407	554	
2/17/2012	213	728	99	1,040	33	0	0	1,408	-368	407	633	
2/18/2012	210	741	132	1,083	39	0	0	1,696	-613	407	676	
2/19/2012	198	647	112	957	35	0	0	1,504	-547	407	550	
2/20/2012	215	704	113	1,032	30	0	0	1,263	-231	407	625	
2/21/2012	231	777	114	1,122	34	0	0	1,456	-334	407	715	
2/22/2012	199	655	92	946	38	0	0	1,648	-702	407	539	
2/23/2012	205	691	72	968	33	0	0	1,408	-440	407	561	
2/24/2012	322	1089	159	1,570	45	0	0	1,985	-415	407	1,163	
2/25/2012	247	839	123	1,209	47	0	0	2,082	-873	407	802	
2/26/2012	275	962	119	1,356	35	0	0	1,504	-148	407	949	
2/27/2012	230	812	107	1,149	41	0	0	1,793	-644	407	742	
2/28/2012	236	810	90	1,136	35	0	0	1,504	-368	407	729	
2/29/2012	194	713	81	988	33	0	0	1,408	-420	407	581	
3/1/2012	179	643	68	890	33	0	0	1,408	-518	407	483	
3/2/2012	232	803	99	1,134	33	0	0	1,408	-274	407	727	
3/3/2012	280	1146	163	1,589	47	0	0	2,082	-493	407	1,182	
3/4/2012	299	921	133	1,353	47	0	0	2,082	-729	407	946	
3/5/2012	225	780	109	1,114	39	0	0	1,696	-582	407	707	
3/6/2012	104	329	34	467	17	0	0	637	-170	407	60	
3/7/2012	215	712	79	1,006	27	0	0	1,119	-113	407	599	
3/8/2012	231	807	82	1,120	35	0	0	1,504	-384	407	713	
3/9/2012	180	662	58	900	39	0	0	1,696	-796	407	493	
3/10/2012	82	309	25	416	15	0	0	541	-125	407	9	
3/11/2012	76	286	24	386	14	0	0	493	-107	407	-21	
3/12/2012	106	391	30	527	17	0	0	637	-110	407	120	
3/13/2012	56	207	22	285	18	0	0	685	-400	407	-122	
3/14/2012	32	177	20	229	9	0	0	252	-23	407	-178	
3/15/2012	46	195	19	260	11	0	0	348	-88	407	-147	
3/16/2012	7	120	13	140	6	0	0	108	32	407	-267	
3/17/2012	3	118	11	132	0	1	132	-181	313	407	-275	
3/18/2012	9	125	11	145	0	1	145	-181	326	407	-262	
3/19/2012	6	111	13	130	0	1	130	-181	311	407	-277	
3/20/2012	19	120	23	162	6	0	0	108	54	407	-245	
3/21/2012	20	126	4	150	5	0	0	60	90	407	-257	
3/22/2012	24	128	0	152	5	0	0	60	92	407	-255	
3/23/2012	13	119	18	150	3	0	0	-37	187	407	-257	
3/24/2012	23	184	21	228	5	0	0	60	168	407	-179	
3/25/2012	46	347	23	416	17	0	0	637	-221	407	9	
3/26/2012	147	609	68	824	24	0	0	974	-150	407	417	
3/27/2012	43	280	9	332	9	0	0	252	80	407	-75	
3/28/2012	76	337	9	422	19	0	0	734	-312	407	15	
3/29/2012	49	275	12	336	15	0	0	541	-205	407	-71	
3/30/2012	77	348	53	478	17	0	0	637	-159	407	71	
3/31/2012	80	382	54	516	17	0	0	637	-121	407	109	

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	Forest	Held	(jennie-o)		Faribault			29	0	0	1,215	-336	407	472
			Faribault 5	Total	HDD									
11/1/2012	211	543	125	879										
11/2/2012	239	574	104	917	37	0	0	1,600	-683	407	510			
11/3/2012	206	546	110	862	27	0	0	1,119	-257	407	455			
11/4/2012	192	484	91	767	25	0	0	1,022	-255	407	360			
11/5/2012	219	502	138	859	23	0	0	926	-67	407	452			
11/6/2012	211	486	106	803	24	0	0	974	-171	407	396			
11/7/2012	223	491	116	830	25	0	0	1,022	-192	407	423			
11/8/2012	170	395	79	644	23	0	0	926	-282	407	237			
11/9/2012	153	374	72	599	25	0	0	1,022	-423	407	192			
11/10/2012	95	218	58	371	6	0	0	108	263	407	-36			
11/11/2012	354	856	166	1,376	27	0	0	1,119	257	407	969			
11/12/2012	396	952	156	1,504	43	0	0	1,889	-385	407	1,097			
11/13/2012	243	610	96	949	35	0	0	1,504	-555	407	542			
11/14/2012	164	440	74	678	24	0	0	974	-296	407	271			
11/15/2012	211	551	88	850	25	0	0	1,022	-172	407	443			
11/16/2012	220	539	85	844	35	0	0	1,504	-660	407	437			
11/17/2012	172	373	69	614	19	0	0	734	-120	407	207			
11/18/2012	130	299	65	494	13	0	0	445	49	407	87			
11/19/2012	131	316	76	523	19	0	0	734	-211	407	116			
11/20/2012	150	355	68	573	25	0	0	1,022	-449	407	166			
11/21/2012	117	199	42	358	13	0	0	445	-87	407	-49			
11/22/2012	286	647	110	1,043	24	0	0	974	69	407	636			
11/23/2012	446	1,053	131	1,630	45	0	0	1,985	-355	407	1,223			
11/24/2012	373	868	103	1,344	47	0	0	2,082	-738	407	937			
11/25/2012	353	866	81	1,300	37	0	0	1,600	-300	407	893			
11/26/2012	424	1,051	108	1,583	49	0	0	2,178	-595	407	1,176			
11/27/2012	357	842	87	1,286	41	0	0	1,793	-507	407	879			
11/28/2012	306	673	74	1,053	37	0	0	1,600	-547	407	646			
11/29/2012	271	630	74	975	35	0	0	1,504	-529	407	568			
11/30/2012	276	639	58	973	32	0	0	1,359	-386	407	566			
12/1/2012	237	530	49	816	24	0	0	974	-158	407	409			
12/2/2012	205	439	41	685	27	0	0	1,119	-434	407	278			
12/3/2012	202	405	36	643	18	0	0	685	-42	407	236			
12/4/2012	337	798	93	1,228	39	0	0	1,696	-468	407	821			
12/5/2012	313	779	71	1,163	39	0	0	1,696	-533	407	756			
12/6/2012	260	653	63	976	29	0	0	1,215	-239	407	569			
12/7/2012	340	844	124	1,308	41	0	0	1,793	-485	407	901			
12/8/2012	316	777	111	1,204	39	0	0	1,696	-492	407	797			
12/9/2012	397	908	135	1,440	39	0	0	1,696	-256	407	1,033			
12/10/2012	542	1,222	249	2,013	55	0	0	2,467	-454	407	1,606			
12/11/2012	470	1,103	200	1,773	50	0	0	2,226	-453	407	1,366			
12/12/2012	323	722	150	1,195	39	0	0	1,696	-501	407	788			
12/13/2012	363	858	96	1,317	41	0	0	1,793	-476	407	910			
12/14/2012	283	684	94	1,061	41	0	0	1,793	-732	407	654			
12/15/2012	293	689	104	1,086	31	0	0	1,311	-225	407	679			
12/16/2012	432	967	185	1,584	39	0	0	1,696	-112	407	1,177			
12/17/2012	382	890	156	1,428	43	0	0	1,889	-461	407	1,021			
12/18/2012	357	837	132	1,326	39	0	0	1,696	-370	407	919			
12/19/2012	377	846	149	1,372	35	0	0	1,504	-132	407	965			
12/20/2012	553	1,201	241	1,995	47	0	0	2,082	-87	407	1,588			
12/21/2012	535	1,212	251	1,998	55	0	0	2,467	-469	407	1,591			
12/22/2012	460	1,036	199	1,695	49	0	0	2,178	-483	407	1,288			
12/23/2012	486	1,129	217	1,832	52	0	0	2,322	-490	407	1,425			
12/24/2012	554	1,273	260	2,087	54	0	0	2,418	-331	407	1,680			
12/25/2012	588	1,377	247	2,212	61	0	0	2,755	-543	407	1,805			
12/26/2012	538	1,257	203	1,998	57	0	0	2,563	-565	407	1,591			
12/27/2012	495	1,166	179	1,840	55	0	0	2,467	-627	407	1,433			
12/28/2012	449	1,070	171	1,690	49	0	0	2,178	-488	407	1,283			
12/29/2012	556	1,327	287	2,170	57	0	0	2,563	-393	407	1,763			
12/30/2012	512	1,193	213	1,918	52	0	0	2,322	-404	407	1,511			
12/31/2012	630	1,438	252	2,320	65	0	0	2,948	-628	407	1,913			
1/1/2013	603	1,403	239	2,245	65	0	0	2,948	-703	407	1,838			
1/2/2013	515	1,193	167	1,875	49	0	0	2,178	-303	407	1,468			
1/3/2013	563	1,293	212	2,068	52	0	0	2,322	-254	407	1,661			
1/4/2013	450	1,058	194	1,702	46	0	0	2,033	-331	407	1,295			
1/5/2013	497	1,143	207	1,847	50	0	0	2,226	-379	407	1,440			
1/6/2013	489	1,127	188	1,804	52	0	0	2,322	-518	407	1,397			
1/7/2013	397	948	228	1,573	39	0	0	1,696	-123	407	1,166			
1/8/2013	377	905	185	1,467	43	0	0	1,889	-422	407	1,060			
1/9/2013	339	780	170	1,289	37	0	0	1,600	-311	407	882			
1/10/2013	313	774	140	1,227	31	0	0	1,311	-84	407	820			
1/11/2013	339	698	140	1,177	27	0	0	1,119	58	407	770			
1/12/2013	616	1,442	259	2,317	45	0	0	1,985	332	407	1,910			
1/13/2013	651	1,511	267	2,429	60	0	0	2,707	-278	407	2,022			
1/14/2013	572	1,360	231	2,163	57	0	0	2,563	-400	407	1,756			
1/15/2013	463	1,046	174	1,683	45	0	0	1,985	-302	407	1,276			

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	Forest	(jennie-o)			Faribault						
		Held	Faribault \$	Total	HDD						
1/16/2013	494	1,125	181	1,800	41	0	0	1,793	7	407	1,393
1/17/2013	523	1,185	178	1,886	55	0	0	2,467	-581	407	1,479
1/18/2013	321	729	107	1,157	34	0	0	1,456	-299	407	750
1/19/2013	580	1,344	227	2,151	45	0	0	1,985	166	407	1,744
1/20/2013	726	1,699	285	2,710	61	0	0	2,755	-45	407	2,303
1/21/2013	806	1,898	323	3,027	71	0	0	3,237	-210	407	2,620
1/22/2013	659	1,558	259	2,476	66	0	0	2,996	-520	407	2,069
1/23/2013	678	1,597	281	2,556	59	0	0	2,659	-103	407	2,149
1/24/2013	675	1,557	283	2,515	60	0	0	2,707	-192	407	2,108
1/25/2013	638	1,457	255	2,350	54	0	0	2,418	-68	407	1,943
1/26/2013	518	1,213	195	1,926	53	0	0	2,370	-444	407	1,519
1/27/2013	388	911	118	1,417	35	0	0	1,504	-87	407	1,010
1/28/2013	348	832	112	1,292	33	0	0	1,408	-116	407	885
1/29/2013	409	895	176	1,480	34	0	0	1,456	24	407	1,073
1/30/2013	648	1,502	306	2,456	47	0	0	2,082	374	407	2,049
1/31/2013	842	1916	332	3,090	66	0	0	2,996	94	407	2,683
2/1/2013	659	1471	265	2,395	65	0	0	2,948	-553	407	1,988
2/2/2013	585	1351	239	2,175	59	0	0	2,659	-484	407	1,768
2/3/2013	580	1328	239	2,147	57	0	0	2,563	-416	407	1,740
2/4/2013	553	1201	239	1,993	57	0	0	2,563	-570	407	1,586
2/5/2013	541	1194	242	1,977	49	0	0	2,178	-201	407	1,570
2/6/2013	442	1020	215	1,677	50	0	0	2,226	-549	407	1,270
2/7/2013	464	1011	247	1,722	43	0	0	1,889	-167	407	1,315
2/8/2013	469	1012	253	1,734	42	0	0	1,841	-107	407	1,327
2/9/2013	417	945	227	1,589	37	0	0	1,600	-11	407	1,182
2/10/2013	382	897	194	1,473	33	0	0	1,408	65	407	1,066
2/11/2013	507	1129	214	1,850	42	0	0	1,841	9	407	1,443
2/12/2013	397	898	134	1,429	39	0	0	1,696	-267	407	1,022
2/13/2013	329	761	83	1,173	39	0	0	1,696	-523	407	766
2/14/2013	496	1084	181	1,761	43	0	0	1,889	-128	407	1,354
2/15/2013	577	1295	193	2,065	55	0	0	2,467	-402	407	1,658
2/16/2013	518	1211	160	1,889	55	0	0	2,467	-578	407	1,482
2/17/2013	414	936	146	1,496	44	0	0	1,937	-441	407	1,089
2/18/2013	629	1409	227	2,265	47	0	0	2,082	183	407	1,858
2/19/2013	781	1725	294	2,800	67	0	0	3,044	-244	407	2,393
2/20/2013	595	1357	173	2,125	63	0	0	2,852	-727	407	1,718
2/21/2013	525	1218	144	1,887	55	0	0	2,467	-580	407	1,480
2/22/2013	433	1008	141	1,582	43	0	0	1,889	-307	407	1,175
2/23/2013	477	1136	198	1,811	50	0	0	2,226	-415	407	1,404
2/24/2013	357	845	95	1,297	52	0	0	2,322	-1,025	407	890
2/25/2013	369	860	175	1,404	43	0	0	1,889	-485	407	997
2/26/2013	345	817	144	1,306	43	0	0	1,889	-583	407	899
2/27/2013	341	786	145	1,272	34	0	0	1,456	-184	407	865
2/28/2013	407	932	160	1,499	39	0	0	1,696	-197	407	1,092
3/1/2013	434	938	201	1,573	46	0	0	2,033	-460	407	1,166
3/2/2013	374	906	167	1,447	51	0	0	2,274	-827	407	1,040
3/3/2013	371	880	172	1,423	41	0	0	1,793	-370	407	1,016
3/4/2013	413	967	200	1,580	41	0	0	1,793	-213	407	1,173
3/5/2013	394	905	179	1,478	41	0	0	1,793	-315	407	1,071
3/6/2013	449	983	248	1,680	51	0	0	2,274	-594	407	1,273
3/7/2013	408	924	218	1,550	54	0	0	2,418	-868	407	1,143
3/8/2013	313	706	139	1,158	41	0	0	1,793	-635	407	751
3/9/2013	317	734	114	1,165	30	0	0	1,263	-98	407	758
3/10/2013	390	902	138	1,430	34	0	0	1,456	-26	407	1,023
3/11/2013	411	923	192	1,526	41	0	0	1,793	-267	407	1,119
3/12/2013	447	1000	230	1,677	43	0	0	1,889	-212	407	1,270
3/13/2013	383	855	205	1,443	46	0	0	2,033	-590	407	1,036
3/14/2013	282	632	139	1,053	36	0	0	1,552	-499	407	646
3/15/2013	360	831	141	1,332	35	0	0	1,504	-172	407	925
3/16/2013	443	1011	220	1,674	47	0	0	2,082	-408	407	1,267
3/17/2013	424	975	190	1,589	47	0	0	2,082	-493	407	1,182
3/18/2013	595	1317	266	2,178	45	0	0	1,985	193	407	1,771
3/19/2013	603	1321	279	2,203	53	0	0	2,370	-167	407	1,796
3/20/2013	581	1268	285	2,134	55	0	0	2,467	-333	407	1,727
3/21/2013	453	1006	226	1,685	55	0	0	2,467	-782	407	1,278
3/22/2013	356	810	180	1,346	49	0	0	2,178	-832	407	939
3/23/2013	331	765	155	1,251	42	0	0	1,841	-590	407	844
3/24/2013	369	806	160	1,335	39	0	0	1,696	-361	407	928
3/25/2013	344	739	186	1,269	37	0	0	1,600	-331	407	862
3/26/2013	331	755	190	1,276	37	0	0	1,600	-324	407	869
3/27/2013	287	647	130	1,064	41	0	0	1,793	-729	407	657
3/28/2013	270	604	128	1,002	37	0	0	1,600	-598	407	595
3/29/2013	214	474	107	795	27	0	0	1,119	-324	407	388
3/30/2013	237	537	129	903	25	0	0	1,022	-119	407	496
3/31/2013	358	845	208	1,411	36	0	0	1,552	-141	407	1,004

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	(jennie-o)				Faribault						
	Forest	Heid	Faribault 5	Total	HDD						
11/1/2013	251	1,032	1,321	2,604	21	0	0	830	1,774	407	2,197
11/2/2013	307	1,250	1,431	2,988	26	0	0	1,071	1,917	407	2,581
11/3/2013	262	925	706	1,893	21	0	0	830	1,063	407	1,486
11/4/2013	292	908	842	2,042	26	0	0	1,071	971	407	1,635
11/5/2013	303	869	548	1,720	30	0	0	1,263	457	407	1,313
11/6/2013	281	875	645	1,801	29	0	0	1,215	586	407	1,394
11/7/2013	329	913	404	1,646	31	0	0	1,311	335	407	1,239
11/8/2013	318	927	573	1,818	27	0	0	1,119	699	407	1,411
11/9/2013	332	1,029	818	2,179	23	0	0	926	1,253	407	1,772
11/10/2013	303	938	1,068	2,309	25	0	0	1,022	1,287	407	1,902
11/11/2013	457	1,155	556	2,168	35	0	0	1,504	664	407	1,761
11/12/2013	452	1,053	771	2,276	45	0	0	1,985	291	407	1,869
11/13/2013	298	750	1,277	2,325	25	0	0	1,022	1,303	407	1,918
11/14/2013	280	749	1,055	2,084	23	0	0	926	1,158	407	1,677
11/15/2013	227	565	833	1,625	21	0	0	830	795	407	1,218
11/16/2013	224	534	612	1,370	15	0	0	541	829	407	963
11/17/2013	357	796	372	1,525	24	0	0	974	551	407	1,118
11/18/2013	371	922	1,012	2,305	34	0	0	1,456	849	407	1,898
11/19/2013	305	815	624	1,744	31	0	0	1,311	433	407	1,337
11/20/2013	293	778	391	1,462	23	0	0	926	536	407	1,055
11/21/2013	457	1,030	557	2,044	32	0	0	1,359	685	407	1,637
11/22/2013	504	1,143	809	2,456	40	0	0	1,745	711	407	2,049
11/23/2013	605	1,342	943	2,890	51	0	0	2,274	616	407	2,483
11/24/2013	533	1,155	711	2,399	45	0	0	1,985	414	407	1,992
11/25/2013	386	831	486	1,703	29	0	0	1,215	488	407	1,296
11/26/2013	584	1,221	743	2,548	40	0	0	1,745	803	407	2,141
11/27/2013	492	1,074	460	2,026	45	0	0	1,985	41	407	1,619
11/28/2013	485	1,067	443	1,995	43	0	0	1,889	106	407	1,588
11/29/2013	431	948	421	1,800	42	0	0	1,841	-41	407	1,393
11/30/2013	320	798	286	1,404	30	0	0	1,263	141	407	997
12/1/2013	353	835	487	1,675	36	0	0	1,552	123	407	1,268
12/2/2013	322	715	408	1,445	27	0	0	1,119	326	407	1,038
12/3/2013	332	739	459	1,530	27	0	0	1,119	411	407	1,123
12/4/2013	531	1,163	546	2,240	39	0	0	1,696	544	407	1,833
12/5/2013	762	1,630	764	3,156	57	0	0	2,563	593	407	2,749
12/6/2013	810	1,760	749	3,319	63	0	0	2,852	467	407	2,912
12/7/2013	753	1,675	582	3,010	65	0	0	2,948	62	407	2,603
12/8/2013	662	1,431	578	2,671	53	0	0	2,370	301	407	2,264
12/9/2013	793	1,663	818	3,274	58	0	0	2,611	663	407	2,867
12/10/2013	727	1,521	737	2,985	53	0	0	2,370	615	407	2,578
12/11/2013	779	1,646	797	3,222	60	0	0	2,707	515	407	2,815
12/12/2013	550	1,190	574	2,314	50	0	0	2,226	88	407	1,907
12/13/2013	624	1,348	675	2,647	47	0	0	2,082	565	407	2,240
12/14/2013	702	1,479	778	2,959	55	0	0	2,467	492	407	2,552
12/15/2013	698	1,483	777	2,958	60	0	0	2,707	251	407	2,551
12/16/2013	596	1,269	565	2,430	51	0	0	2,274	156	407	2,023
12/17/2013	547	1,134	522	2,203	43	0	0	1,889	314	407	1,796
12/18/2013	433	888	299	1,620	41	0	0	1,793	-173	407	1,213
12/19/2013	603	1,189	516	2,308	42	0	0	1,841	467	407	1,901
12/20/2013	555	1,143	428	2,126	45	0	0	1,985	141	407	1,719
12/21/2013	548	1,128	417	2,093	43	0	0	1,889	204	407	1,686
12/22/2013	742	1,461	662	2,865	52	0	0	2,322	543	407	2,458
12/23/2013	885	1,791	831	3,507	67	0	0	3,044	463	407	3,100
12/24/2013	739	1,600	727	3,066	63	0	0	2,852	214	407	2,659
12/25/2013	551	1,131	409	2,091	41	0	0	1,793	298	407	1,684
12/26/2013	455	1,021	300	1,776	42	0	0	1,841	-65	407	1,369
12/27/2013	385	846	244	1,475	37	0	0	1,600	-125	407	1,068
12/28/2013	428	962	337	1,727	29	0	0	1,215	512	407	1,320
12/29/2013	816	1,798	756	3,370	57	0	0	2,563	807	407	2,963
12/30/2013	795	1,832	691	3,318	67	0	0	3,044	274	407	2,911
12/31/2013	806	1,858	689	3,353	67	0	0	3,044	309	407	2,946
1/1/2014	786	1,784	640	3,210	65	0	0	2,948	262	407	2,803
1/2/2014	794	1,816	706	3,316	69	0	0	3,141	175	407	2,909
1/3/2014	657	1,452	579	2,688	55	0	0	2,467	221	407	2,281
1/4/2014	715	1,531	581	2,827	46	0	0	2,033	794	407	2,420
1/5/2014	980	2,263	769	4,012	73	0	0	3,333	679	407	3,605
1/6/2014	982	2,341	773	4,096	79	0	0	3,622	474	407	3,689
1/7/2014	768	1,704	629	3,101	66	0	0	2,996	105	407	2,694
1/8/2014	792	1,767	823	3,382	69	0	0	3,141	241	407	2,975
1/9/2014	638	1,436	649	2,723	57	0	0	2,563	160	407	2,316
1/10/2014	455	1,060	351	1,866	37	0	0	1,600	266	407	1,459
1/11/2014	485	1,085	413	1,983	37	0	0	1,600	383	407	1,576
1/12/2014	356	830	290	1,476	31	0	0	1,311	165	407	1,069
1/13/2014	393	851	348	1,592	33	0	0	1,408	184	407	1,185
1/14/2014	638	1,359	720	2,717	43	0	0	1,889	828	407	2,310
1/15/2014	599	1,270	589	2,458	49	0	0	2,178	280	407	2,051

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	Forest	Heid	(jennie-o)		Faribault			1,841	1,116	407	2,550
			Faribault 5	Total	HDD						
1/16/2014	707	1,499	751	2,957	42	0	0				
1/17/2014	653	1,403	746	2,802	57	0	0	2,563	239	407	2,395
1/18/2014	550	1,193	583	2,326	45	0	0	1,985	341	407	1,919
1/19/2014	378	828	331	1,537	35	0	0	1,504	33	407	1,130
1/20/2014	724	1,541	767	3,032	49	0	0	2,178	854	407	2,625
1/21/2014	773	1,772	777	3,322	67	0	0	3,044	278	407	2,915
1/22/2014	881	1,903	929	3,713	63	0	0	2,852	861	407	3,306
1/23/2014	852	1,917	828	3,597	70	0	0	3,189	408	407	3,190
1/24/2014	544	1,276	492	2,312	42	0	0	1,841	471	407	1,905
1/25/2014	671	1,525	672	2,868	47	0	0	2,082	786	407	2,461
1/26/2014	848	1,909	837	3,594	57	0	0	2,563	1,031	407	3,187
1/27/2014	914	2,102	914	3,930	75	0	0	3,429	501	407	3,523
1/28/2014	826	1,870	778	3,474	71	0	0	3,237	237	407	3,067
1/29/2014	501	1,218	435	2,154	50	0	0	2,226	-72	407	1,747
1/30/2014	581	1,520	668	2,769	50	0	0	2,226	543	407	2,362
1/31/2014	605	1581	635	2,821	67	0	0	3,044	-223	407	2,414
2/1/2014	578	1521	643	2,742	53	0	0	2,370	372	407	2,335
2/2/2014	606	1535	667	2,808	63	0	0	2,852	-44	407	2,401
2/3/2014	577	1409	586	2,572	56	0	0	2,515	57	407	2,165
2/4/2014	667	1611	784	3,062	62	0	0	2,804	258	407	2,655
2/5/2014	763	1828	881	3,472	65	0	0	2,948	524	407	3,065
2/6/2014	760	1791	822	3,373	66	0	0	2,996	377	407	2,966
2/7/2014	672	1695	764	3,031	60	0	0	2,707	324	407	2,624
2/8/2014	605	1445	645	2,695	59	0	0	2,659	36	407	2,288
2/9/2014	732	1707	834	3,273	63	0	0	2,852	421	407	2,866
2/10/2014	746	1723	791	3,260	70	0	0	3,189	71	407	2,853
2/11/2014	659	1540	755	2,954	65	0	0	2,948	6	407	2,547
2/12/2014	493	1198	657	2,348	43	0	0	1,889	459	407	1,941
2/13/2014	615	1450	803	2,868	45	0	0	1,985	883	407	2,461
2/14/2014	611	1469	852	2,932	57	0	0	2,563	369	407	2,525
2/15/2014	569	1384	713	2,666	55	0	0	2,467	199	407	2,259
2/16/2014	504	1247	713	2,464	49	0	0	2,178	286	407	2,057
2/17/2014	427	1051	530	2,008	39	0	0	1,696	312	407	1,601
2/18/2014	312	826	407	1,545	31	0	0	1,311	234	407	1,138
2/19/2014	271	734	380	1,385	35	0	0	1,504	-119	407	978
2/20/2014	468	1118	631	2,217	37	0	0	1,600	617	407	1,810
2/21/2014	594	1424	775	2,793	49	0	0	2,178	615	407	2,386
2/22/2014	600	1417	804	2,821	53	0	0	2,370	451	407	2,414
2/23/2014	613	1440	775	2,828	55	0	0	2,467	361	407	2,421
2/24/2014	667	1531	852	3,050	58	0	0	2,611	439	407	2,643
2/25/2014	779	1724	1035	3,538	63	0	0	2,852	686	407	3,131
2/26/2014	768	1751	956	3,475	59	0	0	2,659	816	407	3,068
2/27/2014	767	1727	1005	3,499	70	0	0	3,189	310	407	3,092
2/28/2014	685	1,583	816	3,084	60	0	0	2,707	377	407	2,677
3/1/2014	831	1875	1000	3,706	63	0	0	2,852	854	407	3,299
3/2/2014	766	1761	964	3,491	71	0	0	3,237	254	407	3,084
3/3/2014	669	1529	883	3,081	69	0	0	3,141	-60	407	2,674
3/4/2014	518	1195	647	2,360	49	0	0	2,178	182	407	1,953
3/5/2014	510	1132	753	2,395	47	0	0	2,082	313	407	1,988
3/6/2014	491	1083	679	2,253	43	0	0	1,889	364	407	1,846
3/7/2014	407	926	520	1,853	33	0	0	1,408	445	407	1,446
3/8/2014	414	932	623	1,969	43	0	0	1,889	80	407	1,562
3/9/2014	289	681	390	1,360	35	0	0	1,504	-144	407	953
3/10/2014	211	479	285	975	21	0	0	830	145	407	568
3/11/2014	357	751	448	1,556	27	0	0	1,119	437	407	1,149
3/12/2014	379	833	588	1,800	41	0	0	1,793	7	407	1,393
3/13/2014	220	512	343	1,075	27	0	0	1,119	-44	407	668
3/14/2014	323	715	434	1,472	27	0	0	1,119	353	407	1,065
3/15/2014	424	957	615	1,996	37	0	0	1,600	396	407	1,589
3/16/2014	431	971	615	2,017	45	0	0	1,985	32	407	1,610
3/17/2014	344	789	449	1,582	32	0	0	1,359	223	407	1,175
3/18/2014	347	816	399	1,562	29	0	0	1,215	347	407	1,155
3/19/2014	344	766	413	1,523	31	0	0	1,311	212	407	1,116
3/20/2014	256	583	324	1,163	33	0	0	1,408	-245	407	756
3/21/2014	403	900	512	1,815	29	0	0	1,215	600	407	1,408
3/22/2014	536	1172	710	2,418	45	0	0	1,985	433	407	2,011
3/23/2014	452	1018	544	2,014	46	0	0	2,033	-19	407	1,607
3/24/2014	478	1048	564	2,090	37	0	0	1,600	490	407	1,683
3/25/2014	524	1125	691	2,340	47	0	0	2,082	258	407	1,933
3/26/2014	336	759	422	1,517	33	0	0	1,408	109	407	1,110
3/27/2014	351	788	390	1,529	27	0	0	1,119	410	407	1,122
3/28/2014	302	715	403	1,420	29	0	0	1,215	205	407	1,013
3/29/2014	246	607	332	1,185	29	0	0	1,215	-30	407	778
3/30/2014	131	416	202	749	13	0	0	445	304	407	342
3/31/2014	260	609	448	1,317	19	0	0	734	583	407	910

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Greater Minnesota Gas Historical Heating Season Load Data

	Forest	Heid	(jennie-o) Faribault 5	Total	Faribault HDD						
11/1/2014	384	1,498	1,579	3,461	34	0	0	1,456	2,005	407	3,054
11/2/2014	223	950	1091	2,264	18	0	0	685	1,579	407	1,857
11/3/2014	210	907	1121	2,238	16	0	0	589	1,649	407	1,831
11/4/2014	250	852	1188	2,290	21	0	0	830	1,460	407	1,883
11/5/2014	251	748	1066	2,065	27	0	0	1,119	946	407	1,658
11/6/2014	284	857	1315	2,456	26	0	0	1,071	1,385	407	2,049
11/7/2014	272	917	868	2,057	26	0	0	1,071	986	407	1,650
11/8/2014	283	956	1062	2,301	27	0	0	1,119	1,182	407	1,894
11/9/2014	320	980	716	2,016	26	0	0	1,071	945	407	1,609
11/10/2014	410	990	746	2,146	35	0	0	1,504	642	407	1,739
11/11/2014	467	1183	794	2,444	42	0	0	1,841	603	407	2,037
11/12/2014	443	1139	822	2,404	47	0	0	2,082	322	407	1,997
11/13/2014	506	1202	1012	2,720	46	0	0	2,033	687	407	2,313
11/14/2014	501	1258	889	2,648	52	0	0	2,322	326	407	2,241
11/15/2014	487	1176	787	2,450	52	0	0	2,322	128	407	2,043
11/16/2014	581	1373	860	2,814	51	0	0	2,274	540	407	2,407
11/17/2014	640	1533	914	3,087	55	0	0	2,467	620	407	2,680
11/18/2014	526	1324	1012	2,862	52	0	0	2,322	540	407	2,455
11/19/2014	540	1326	904	2,770	44	0	0	1,937	833	407	2,363
11/20/2014	592	1459	946	2,997	57	0	0	2,563	434	407	2,590
11/21/2014	449	1204	742	2,395	47	0	0	2,082	313	407	1,988
11/22/2014	252	772	279	1,303	25	0	0	1,022	281	407	896
11/23/2014	279	788	329	1,396	23	0	0	926	470	407	989
11/24/2014	555	1388	921	2,864	42	0	0	1,841	1,023	407	2,457
11/25/2014	418	1102	633	2,153	48	0	0	2,130	23	407	1,746
11/26/2014	504	1281	676	2,461	44	0	0	1,937	524	407	2,054
11/27/2014	565	1447	767	2,779	65	0	0	2,948	-169	407	2,372
11/28/2014	438	1177	516	2,131	49	0	0	2,178	-47	407	1,724
11/29/2014	382	1000	475	1,857	35	0	0	1,504	353	407	1,450
11/30/2014	639	1595	842	3,076	54	0	0	2,418	658	407	2,669
12/1/2014	664	1633	928	3,225	66	0	0	2,996	229	407	2,818
12/2/2014	552	1367	765	2,684	47	0	0	2,082	602	407	2,277
12/3/2014	522	1241	711	2,474	52	0	0	2,322	152	407	2,067
12/4/2014	408	953	577	1,938	43	0	0	1,889	49	407	1,531
12/5/2014	399	976	588	1,963	39	0	0	1,696	267	407	1,556
12/6/2014	413	1031	539	1,983	46	0	0	2,033	-50	407	1,576
12/7/2014	380	933	477	1,790	33	0	0	1,408	382	407	1,383
12/8/2014	459	1085	634	2,178	36	0	0	1,552	626	407	1,771
12/9/2014	419	1035	625	2,079	43	0	0	1,889	190	407	1,672
12/10/2014	407	972	482	1,861	40	0	0	1,745	116	407	1,454
12/11/2014	371	922	494	1,787	35	0	0	1,504	283	407	1,380
12/12/2014	325	816	443	1,584	29	0	0	1,215	369	407	1,177
12/13/2014	197	590	265	1,052	23	0	0	926	126	407	645
12/14/2014	154	490	202	846	17	0	0	637	209	407	439
12/15/2014	299	695	517	1,511	24	0	0	974	537	407	1,104
12/16/2014	550	1295	819	2,664	44	0	0	1,937	727	407	2,257
12/17/2014	526	1237	650	2,413	51	0	0	2,274	139	407	2,006
12/18/2014	477	1115	617	2,209	50	0	0	2,226	-17	407	1,802
12/19/2014	413	909	531	1,853	39	0	0	1,696	157	407	1,446
12/20/2014	377	852	421	1,650	35	0	0	1,504	146	407	1,243
12/21/2014	324	723	390	1,437	30	0	0	1,263	174	407	1,030
12/22/2014	333	718	448	1,499	27	0	0	1,119	380	407	1,092
12/23/2014	341	727	463	1,531	30	0	0	1,263	268	407	1,124
12/24/2014	355	768	466	1,589	32	0	0	1,359	230	407	1,182
12/25/2014	330	757	366	1,453	33	0	0	1,408	45	407	1,046
12/26/2014	398	877	516	1,791	34	0	0	1,456	335	407	1,384
12/27/2014	539	1206	706	2,451	46	0	0	2,033	418	407	2,044
12/28/2014	533	1190	693	2,416	53	0	0	2,370	46	407	2,009
12/29/2014	706	1637	991	3,334	62	0	0	2,804	530	407	2,927
12/30/2014	804	1867	1122	3,793	69	0	0	3,141	652	407	3,388
12/31/2014	699	1606	979	3,284	62	0	0	2,804	480	407	2,877
1/1/2015	521	1181	584	2,286	45	0	0	1,985	301	407	1,879
1/2/2015	477	1181	664	2,322	51	0	0	2,274	48	407	1,915
1/3/2015	542	1289	754	2,585	42	0	0	1,841	744	407	2,178
1/4/2015	834	1960	1163	3,957	64	0	0	2,900	1,057	407	3,550
1/5/2015	813	1962	1195	3,970	72	0	0	3,285	685	407	3,563
1/6/2015	825	1965	1132	3,922	70	0	0	3,189	733	407	3,515
1/7/2015	845	2023	1231	4,099	70	0	0	3,189	910	407	3,692
1/8/2015	797	1910	1040	3,747	60	0	0	2,707	1,040	407	3,340
1/9/2015	778	1847	1044	3,669	64	0	0	2,900	769	407	3,282
1/10/2015	652	1586	760	2,998	58	0	0	2,611	387	407	2,591
1/11/2015	613	1512	723	2,848	58	0	0	2,611	237	407	2,441
1/12/2015	763	1814	1047	3,624	70	0	0	3,189	435	407	3,217
1/13/2015	620	1530	749	2,899	67	0	0	3,044	-145	407	2,492
1/14/2015	456	1120	674	2,250	45	0	0	1,985	265	407	1,843
1/15/2015	409	972	598	1,979	39	0	0	1,696	283	407	1,572

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Greater Minnesota Gas Historical Heating Season Load Data

	Forest	Heid	(jennie-o) Faribault 5	Total	Faribault HDD						
1/16/2015	412	1015	549	1976	45	0	0	1,985	-9	407	1,569
1/17/2015	362	929	399	1690	33	0	0	1,408	282	407	1,283
1/18/2015	350	844	406	1600	35	0	0	1,504	96	407	1,193
1/19/2015	314	692	434	1440	36	0	0	1,552	-112	407	1,033
1/20/2015	393	849	485	1727	34	0	0	1,456	271	407	1,320
1/21/2015	438	944	579	1961	38	0	0	1,648	313	407	1,554
1/22/2015	476	1059	704	2239	43	0	0	1,889	350	407	1,832
1/23/2015	370	799	505	1674	33	0	0	1,408	266	407	1,267
1/24/2015	317	711	370	1398	35	0	0	1,504	-106	407	991
1/25/2015	466	999	596	2061	38	0	0	1,648	413	407	1,654
1/26/2015	300	673	478	1451	33	0	0	1,408	43	407	1,044
1/27/2015	372	816	550	1738	33	0	0	1,408	330	407	1,331
1/28/2015	400	892	517	1809	34	0	0	1,456	353	407	1,402
1/29/2015	540	1179	675	2394	40	0	0	1,745	649	407	1,987
1/30/2015	458	1030	535	2023	46	0	0	2,033	-10	407	1,616
1/31/2015	507	1175	557	2239	42	0	0	1,841	398	407	1,832
2/1/2015	677	1551	854	3082	53	0	0	2,370	712	407	2,675
2/2/2015	673	1527	852	3052	63	0	0	2,852	200	407	2,645
2/3/2015	585	1377	720	2682	55	0	0	2,467	215	407	2,275
2/4/2015	711	1607	924	3242	63	0	0	2,852	390	407	2,835
2/5/2015	647	1473	825	2945	63	0	0	2,852	93	407	2,538
2/6/2015	417	992	509	1918	45	0	0	1,985	-67	407	1,511
2/7/2015	328	851	380	1559	37	0	0	1,600	-41	407	1,152
2/8/2015	389	963	479	1831	34	0	0	1,456	375	407	1,424
2/9/2015	382	900	489	1771	39	0	0	1,696	75	407	1,364
2/10/2015	489	1136	585	2210	36	0	0	1,552	658	407	1,803
2/11/2015	722	1612	852	3186	48	0	0	2,130	1,056	407	2,779
2/12/2015	666	1523	782	2971	62	0	0	2,804	167	407	2,564
2/13/2015	592	1375	701	2668	46	0	0	2,033	635	407	2,261
2/14/2015	735	1704	943	3382	58	0	0	2,611	771	407	2,975
2/15/2015	704	1668	893	3265	60	0	0	2,707	558	407	2,858
2/16/2015	632	1487	822	2941	50	0	0	2,226	715	407	2,534
2/17/2015	767	1768	995	3530	59	0	0	2,659	871	407	3,123
2/18/2015	833	1966	1076	3875	68	0	0	3,092	783	407	3,468
2/19/2015	658	1583	906	3147	68	0	0	3,092	55	407	2,740
2/20/2015	516	1261	617	2394	47	0	0	2,082	312	407	1,987
2/21/2015	654	1514	804	2972	51	0	0	2,274	698	407	2,565
2/22/2015	812	1915	999	3726	69	0	0	3,141	585	407	3,319
2/23/2015	614	1488	821	2923	63	0	0	2,852	71	407	2,516
2/24/2015	500	1202	610	2312	42	0	0	1,841	471	407	1,905
2/25/2015	662	1542	933	3137	57	0	0	2,563	574	407	2,730
2/26/2015	741	1708	991	3440	64	0	0	2,900	540	407	3,033
2/27/2015	704	1626	960	3290	68	0	0	3,092	198	407	2,883
2/28/2015	620	1454	865	2939	60	0	0	2,707	232	407	2,532
					3		407				

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	<u>Mary</u>	<u>Shakopee</u>						
		<u>HDD</u>						
11/1/2011	91	15	0	0	109	-18	166	-75
11/2/2011	146	22	0	0	160	-14	166	-20
11/3/2011	145	25	0	0	182	-37	166	-21
11/4/2011	143	23	0	0	168	-25	166	-23
11/5/2011	123	15	0	0	109	14	166	-43
11/6/2011	150	17	0	0	123	27	166	-16
11/7/2011	146	23	0	0	168	-22	166	-20
11/8/2011	156	25	0	0	182	-26	166	-10
11/9/2011	165	23	0	0	168	-3	166	-1
11/10/2011	214	32	0	0	234	-20	166	48
11/11/2011	149	25	0	0	182	-33	166	-17
11/12/2011	111	17	0	0	123	-12	166	-55
11/13/2011	164	23	0	0	168	-4	166	-2
11/14/2011	152	22	0	0	160	-8	166	-14
11/15/2011	191	25	0	0	182	9	166	25
11/16/2011	266	35	0	0	256	10	166	100
11/17/2011	224	43	0	0	315	-91	166	58
11/18/2011	172	25	0	0	182	-10	166	6
11/19/2011	276	35	0	0	256	20	166	110
11/20/2011	279	44	0	0	322	-43	166	113
11/21/2011	209	37	0	0	271	-62	166	43
11/22/2011	201	29	0	0	212	-11	166	35
11/23/2011	149	23	0	0	168	-19	166	-17
11/24/2011	112	17	0	0	123	-11	166	-54
11/25/2011	128	18	0	0	131	-3	166	-38
11/26/2011	212	21	0	0	153	59	166	46
11/27/2011	256	33	0	0	241	15	166	90
11/28/2011	227	35	0	0	256	-29	166	61
11/29/2011	232	33	0	0	241	-9	166	66
11/30/2011	186	34	0	0	249	-63	166	20
12/1/2011	277	42	0	0	308	-31	166	111
12/2/2011	253	44	0	0	322	-69	166	87
12/3/2011	240	37	0	0	271	-31	166	74
12/4/2011	283	41	0	0	300	-17	166	117
12/5/2011	311	47	0	0	344	-33	166	145
12/6/2011	346	53	0	0	389	-43	166	180
12/7/2011	301	46	0	0	337	-36	166	135
12/8/2011	341	47	0	0	344	-3	166	175
12/9/2011	391	56	0	0	411	-20	166	225
12/10/2011	316	51	0	0	374	-58	166	150
12/11/2011	221	37	0	0	271	-50	166	55
12/12/2011	186	28	0	0	205	-19	166	20
12/13/2011	193	29	0	0	212	-19	166	27
12/14/2011	193	29	0	0	212	-19	166	27
12/15/2011	297	38	0	0	278	19	166	131
12/16/2011	264	45	0	0	330	-66	166	98
12/17/2011	256	38	0	0	278	-22	166	90
12/18/2011	179	31	0	0	227	-48	166	13
12/19/2011	270	39	0	0	286	-16	166	104
12/20/2011	278	43	0	0	315	-37	166	112
12/21/2011	266	41	0	0	300	-34	166	100
12/22/2011	307	45	0	0	330	-23	166	141
12/23/2011	298	39	0	0	286	12	166	132
12/24/2011	195	37	0	0	271	-76	166	29
12/25/2011	196	32	0	0	234	-38	166	30
12/26/2011	177	27	0	0	197	-20	166	11
12/27/2011	225	35	0	0	256	-31	166	59
12/28/2011	192	35	0	0	256	-64	166	26
12/29/2011	220	34	0	0	249	-29	166	54
12/30/2011	216	35	0	0	256	-40	166	50
12/31/2011	220	29	0	0	212	8	166	54
1/1/2012	353	38	0	0	278	75	166	187
1/2/2012	360	51	0	0	374	-14	166	194
1/3/2012	310	47	0	0	344	-34	166	144
1/4/2012	220	35	0	0	256	-36	166	54
1/5/2012	180	29	0	0	212	-32	166	14
1/6/2012	189	23	0	0	168	21	166	23
1/7/2012	240	34	0	0	249	-9	166	74
1/8/2012	227	35	0	0	256	-29	166	61
1/9/2012	197	23	0	0	168	29	166	31
1/10/2012	170	25	0	0	182	-12	166	4
1/11/2012	357	39	0	0	286	71	166	191
1/12/2012	426	53	0	0	389	37	166	260
1/13/2012	409	55	0	0	403	6	166	243
1/14/2012	325	50	0	0	367	-42	166	159
1/15/2012	230	34	0	0	249	-19	166	64

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	<u>Mary</u>	Shakopee						
	<u>HDD</u>	<u>HDD</u>						
1/16/2012	288	39	0	0	286	2	166	122
1/17/2012	393	54	0	0	396	-3	166	227
1/18/2012	443	53	0	0	389	54	166	277
1/19/2012	460	67	0	0	492	-32	166	294
1/20/2012	430	59	0	0	433	-3	166	264
1/21/2012	389	55	0	0	403	-14	166	223
1/22/2012	291	41	0	0	300	-9	166	125
1/23/2012	320	41	0	0	300	20	166	154
1/24/2012	288	47	0	0	344	-56	166	122
1/25/2012	238	36	0	0	263	-25	166	72
1/26/2012	245	33	0	0	241	4	166	79
1/27/2012	325	38	0	0	278	47	166	159
1/28/2012	314	41	0	0	300	14	166	148
1/29/2012	317	48	0	0	352	-35	166	151
1/30/2012	218	33	0	0	241	-23	166	52
1/31/2012	225	26	0	0	190	35	166	59
2/1/2012	242	31	0	0	227	15	166	76
2/2/2012	255	33	0	0	241	14	166	89
2/3/2012	271	34	0	0	249	22	166	105
2/4/2012	270	35	0	0	256	14	166	104
2/5/2012	280	36	0	0	263	17	166	114
2/6/2012	230	31	0	0	227	3	166	64
2/7/2012	329	41	0	0	300	29	166	163
2/8/2012	310	44	0	0	322	-12	166	144
2/9/2012	285	38	0	0	278	7	166	119
2/10/2012	436	49	0	0	359	77	166	270
2/11/2012	406	55	0	0	403	3	166	240
2/12/2012	315	47	0	0	344	-29	166	149
2/13/2012	286	41	0	0	300	-14	166	120
2/14/2012	255	37	0	0	271	-16	166	89
2/15/2012	244	37	0	0	271	-27	166	78
2/16/2012	233	33	0	0	241	-8	166	67
2/17/2012	255	31	0	0	227	28	166	89
2/18/2012	249	39	0	0	286	-37	166	83
2/19/2012	236	34	0	0	249	-13	166	70
2/20/2012	252	29	0	0	212	40	166	86
2/21/2012	261	33	0	0	241	20	166	95
2/22/2012	227	39	0	0	286	-59	166	61
2/23/2012	240	33	0	0	241	-1	166	74
2/24/2012	346	43	0	0	315	31	166	180
2/25/2012	287	47	0	0	344	-57	166	121
2/26/2012	311	33	0	0	241	70	166	145
2/27/2012	272	40	0	0	293	-21	166	106
2/28/2012	275	36	0	0	263	12	166	109
2/29/2012	241	31	0	0	227	14	166	75
3/1/2012	221	32	0	0	234	-13	166	55
3/2/2012	265	35	0	0	256	9	166	99
3/3/2012	348	45	0	0	330	18	166	182
3/4/2012	296	48	0	0	352	-56	166	130
3/5/2012	252	41	0	0	300	-48	166	86
3/6/2012	105	21	0	0	153	-48	166	-61
3/7/2012	252	26	0	0	190	62	166	86
3/8/2012	274	35	0	0	256	18	166	108
3/9/2012	220	40	0	0	293	-73	166	54
3/10/2012	92	15	0	0	109	-17	166	-74
3/11/2012	82	11	0	0	79	3	166	-84
3/12/2012	134	19	0	0	138	-4	166	-32
3/13/2012	74	15	0	0	109	-35	166	-92
3/14/2012	54	6	0	0	42	12	166	-112
3/15/2012	73	12	0	0	87	-14	166	-93
3/16/2012	26	2	0	0	13	13	166	-140
3/17/2012	41	0	1	41	-2	43	166	-125
3/18/2012	49	0	1	49	-2	51	166	-117
3/19/2012	45	0	1	45	-2	47	166	-121
3/20/2012	52	5	0	0	35	17	166	-114
3/21/2012	56	5	0	0	35	21	166	-110
3/22/2012	56	2	0	0	13	43	166	-110
3/23/2012	31	0	1	31	-2	33	166	-135
3/24/2012	53	5	0	0	35	18	166	-113
3/25/2012	69	17	0	0	123	-54	166	-97
3/26/2012	186	22	0	0	160	26	166	20
3/27/2012	55	9	0	0	65	-10	166	-111
3/28/2012	71	17	0	0	123	-52	166	-95
3/29/2012	59	14	0	0	101	-42	166	-107
3/30/2012	101	18	0	0	131	-30	166	-65
3/31/2012	106	17	0	0	123	-17	166	-60

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	<u>Marv</u>	<u>Shakopee</u>						
		<u>HDD</u>						
11/1/2012	179	27	0	0	197	-18	166	13
11/2/2012	183	33	0	0	241	-58	166	17
11/3/2012	184	26	0	0	190	-6	166	18
11/4/2012	170	27	0	0	197	-27	166	4
11/5/2012	178	25	0	0	182	-4	166	12
11/6/2012	183	24	0	0	175	8	166	17
11/7/2012	178	24	0	0	175	3	166	12
11/8/2012	125	21	0	0	153	-28	166	-41
11/9/2012	125	20	0	0	146	-21	166	-41
11/10/2012	57	8	0	0	57	0	166	-109
11/11/2012	301	28	0	0	205	96	166	135
11/12/2012	335	43	0	0	315	20	166	169
11/13/2012	185	37	0	0	271	-86	166	19
11/14/2012	130	24	0	0	175	-45	166	-36
11/15/2012	177	25	0	0	182	-5	166	11
11/16/2012	178	33	0	0	241	-63	166	12
11/17/2012	136	19	0	0	138	-2	166	-30
11/18/2012	113	15	0	0	109	4	166	-53
11/19/2012	131	16	0	0	116	15	166	-35
11/20/2012	143	23	0	0	168	-25	166	-23
11/21/2012	93	14	0	0	101	-8	166	-73
11/22/2012	238	26	0	0	190	48	166	72
11/23/2012	348	45	0	0	330	18	166	182
11/24/2012	296	47	0	0	344	-48	166	130
11/25/2012	285	39	0	0	286	-1	166	119
11/26/2012	336	50	0	0	367	-31	166	170
11/27/2012	290	39	0	0	286	4	166	124
11/28/2012	245	35	0	0	256	-11	166	79
11/29/2012	233	35	0	0	256	-23	166	67
11/30/2012	241	33	0	0	241	0	166	75
12/1/2012	196	25	0	0	182	14	166	30
12/2/2012	182	32	0	0	234	-52	166	16
12/3/2012	169	19	0	0	138	31	166	3
12/4/2012	243	33	0	0	241	2	166	77
12/5/2012	196	36	0	0	263	-67	166	30
12/6/2012	164	29	0	0	212	-48	166	-2
12/7/2012	248	41	0	0	300	-52	166	82
12/8/2012	227	37	0	0	271	-44	166	61
12/9/2012	272	41	0	0	300	-28	166	106
12/10/2012	374	58	0	0	426	-52	166	208
12/11/2012	342	55	0	0	403	-61	166	176
12/12/2012	197	43	0	0	315	-118	166	31
12/13/2012	250	38	0	0	278	-28	166	84
12/14/2012	200	39	0	0	286	-86	166	34
12/15/2012	201	29	0	0	212	-11	166	35
12/16/2012	306	39	0	0	286	20	166	140
12/17/2012	283	43	0	0	315	-32	166	117
12/18/2012	259	41	0	0	300	-41	166	93
12/19/2012	258	39	0	0	286	-28	166	92
12/20/2012	362	47	0	0	344	18	166	196
12/21/2012	365	53	0	0	389	-24	166	199
12/22/2012	305	48	0	0	352	-47	166	139
12/23/2012	336	51	0	0	374	-38	166	170
12/24/2012	375	55	0	0	403	-28	166	209
12/25/2012	416	62	0	0	455	-39	166	250
12/26/2012	365	55	0	0	403	-38	166	199
12/27/2012	339	52	0	0	381	-42	166	173
12/28/2012	297	48	0	0	352	-55	166	131
12/29/2012	376	57	0	0	418	-42	166	210
12/30/2012	334	53	0	0	389	-55	166	168
12/31/2012	405	61	0	0	448	-43	166	239
1/1/2013	402	60	0	0	440	-38	166	236
1/2/2013	343	47	0	0	344	-1	166	177
1/3/2013	370	50	0	0	367	3	166	204
1/4/2013	287	44	0	0	322	-35	166	121
1/5/2013	320	49	0	0	359	-39	166	154
1/6/2013	315	51	0	0	374	-59	166	149
1/7/2013	247	37	0	0	271	-24	166	81
1/8/2013	256	39	0	0	286	-30	166	90
1/9/2013	207	37	0	0	271	-64	166	41
1/10/2013	197	32	0	0	234	-37	166	31
1/11/2013	214	27	0	0	197	17	166	48
1/12/2013	418	43	0	0	315	103	166	252
1/13/2013	452	59	0	0	433	19	166	286
1/14/2013	410	57	0	0	418	-8	166	244
1/15/2013	305	45	0	0	330	-25	166	139

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	<u>Mary</u>	Shakopee						
		<u>HDD</u>						
1/16/2013	321	40	0	0	293	28	166	155
1/17/2013	349	53	0	0	389	-40	166	183
1/18/2013	207	35	0	0	256	-49	166	41
1/19/2013	385	43	0	0	315	70	166	219
1/20/2013	501	61	0	0	448	53	166	335
1/21/2013	553	71	0	0	521	32	166	387
1/22/2013	457	68	0	0	499	-42	166	291
1/23/2013	418	59	0	0	433	-15	166	252
1/24/2013	458	61	0	0	448	10	166	292
1/25/2013	417	53	0	0	389	28	166	251
1/26/2013	346	53	0	0	389	-43	166	180
1/27/2013	195	36	0	0	263	-68	166	29
1/28/2013	156	32	0	0	234	-78	166	-10
1/29/2013	239	33	0	0	241	-2	166	73
1/30/2013	395	47	0	0	344	51	166	229
1/31/2013	529	65	0	0	477	52	166	363
2/1/2013	447	69	0	0	507	-60	166	281
2/2/2013	398	59	0	0	433	-35	166	232
2/3/2013	388	57	0	0	418	-30	166	222
2/4/2013	340	55	0	0	403	-63	166	174
2/5/2013	336	47	0	0	344	-8	166	170
2/6/2013	298	51	0	0	374	-76	166	132
2/7/2013	288	40	0	0	293	-5	166	122
2/8/2013	289	43	0	0	315	-26	166	123
2/9/2013	270	36	0	0	263	7	166	104
2/10/2013	248	33	0	0	241	7	166	82
2/11/2013	320	42	0	0	308	12	166	154
2/12/2013	239	41	0	0	300	-61	166	73
2/13/2013	199	38	0	0	278	-79	166	33
2/14/2013	291	41	0	0	300	-9	166	125
2/15/2013	369	55	0	0	403	-34	166	203
2/16/2013	344	56	0	0	411	-67	166	178
2/17/2013	269	45	0	0	330	-61	166	103
2/18/2013	395	45	0	0	330	65	166	229
2/19/2013	445	63	0	0	462	-17	166	279
2/20/2013	384	61	0	0	448	-64	166	218
2/21/2013	343	51	0	0	374	-31	166	177
2/22/2013	267	41	0	0	300	-33	166	101
2/23/2013	303	45	0	0	330	-27	166	137
2/24/2013	224	47	0	0	344	-120	166	58
2/25/2013	224	39	0	0	286	-62	166	58
2/26/2013	218	39	0	0	286	-68	166	52
2/27/2013	203	31	0	0	227	-24	166	37
2/28/2013	262	37	0	0	271	-9	166	96
3/1/2013	272	41	0	0	300	-28	166	106
3/2/2013	247	47	0	0	344	-97	166	81
3/3/2013	244	40	0	0	293	-49	166	78
3/4/2013	298	39	0	0	286	12	166	132
3/5/2013	257	39	0	0	286	-29	166	91
3/6/2013	280	44	0	0	322	-42	166	114
3/7/2013	258	47	0	0	344	-86	166	92
3/8/2013	178	38	0	0	278	-100	166	12
3/9/2013	194	29	0	0	212	-18	166	28
3/10/2013	256	33	0	0	241	15	166	90
3/11/2013	263	39	0	0	286	-23	166	97
3/12/2013	285	41	0	0	300	-15	166	119
3/13/2013	234	44	0	0	322	-88	166	68
3/14/2013	160	33	0	0	241	-81	166	-6
3/15/2013	230	35	0	0	256	-26	166	64
3/16/2013	284	46	0	0	337	-53	166	118
3/17/2013	290	46	0	0	337	-47	166	124
3/18/2013	380	44	0	0	322	58	166	214
3/19/2013	385	51	0	0	374	11	166	219
3/20/2013	371	52	0	0	381	-10	166	205
3/21/2013	284	50	0	0	367	-83	166	118
3/22/2013	220	45	0	0	330	-110	166	54
3/23/2013	210	39	0	0	286	-76	166	44
3/24/2013	230	35	0	0	256	-26	166	64
3/25/2013	204	35	0	0	256	-52	166	38
3/26/2013	204	34	0	0	249	-45	166	38
3/27/2013	171	35	0	0	256	-85	166	5
3/28/2013	166	33	0	0	241	-75	166	0
3/29/2013	122	25	0	0	182	-60	166	-44
3/30/2013	138	21	0	0	153	-15	166	-28
3/31/2013	239	33	0	0	241	-2	166	73

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	<u>Marv</u>	<u>Shakopee</u>						
		<u>HDD</u>						
11/1/2013	295	20	0	0	146	149	166	129
11/2/2013	364	23	0	0	168	196	166	198
11/3/2013	293	19	0	0	138	155	166	127
11/4/2013	262	23	0	0	168	94	166	96
11/5/2013	225	29	0	0	212	13	166	59
11/6/2013	239	31	0	0	227	12	166	73
11/7/2013	255	35	0	0	256	-1	166	89
11/8/2013	219	31	0	0	227	-8	166	53
11/9/2013	244	25	0	0	182	62	166	78
11/10/2013	239	27	0	0	197	42	166	73
11/11/2013	355	37	0	0	271	84	166	189
11/12/2013	318	45	0	0	330	-12	166	152
11/13/2013	196	28	0	0	205	-9	166	30
11/14/2013	174	21	0	0	153	21	166	8
11/15/2013	112	21	0	0	153	-41	166	-54
11/16/2013	124	20	0	0	146	-22	166	-42
11/17/2013	202	27	0	0	197	5	166	36
11/18/2013	246	35	0	0	256	-10	166	80
11/19/2013	196	30	0	0	219	-23	166	30
11/20/2013	187	23	0	0	168	19	166	21
11/21/2013	275	33	0	0	241	34	166	109
11/22/2013	309	41	0	0	300	9	166	143
11/23/2013	385	52	0	0	381	4	166	219
11/24/2013	314	46	0	0	337	-23	166	148
11/25/2013	214	31	0	0	227	-13	166	48
11/26/2013	358	43	0	0	315	43	166	192
11/27/2013	303	49	0	0	359	-56	166	137
11/28/2013	315	44	0	0	322	-7	166	149
11/29/2013	261	43	0	0	315	-54	166	95
11/30/2013	209	32	0	0	234	-25	166	43
12/1/2013	233	38	0	0	278	-45	166	67
12/2/2013	207	31	0	0	227	-20	166	41
12/3/2013	220	31	0	0	227	-7	166	54
12/4/2013	331	43	0	0	315	16	166	165
12/5/2013	480	60	0	0	440	40	166	314
12/6/2013	528	69	0	0	507	21	166	362
12/7/2013	513	72	0	0	529	-16	166	347
12/8/2013	433	60	0	0	440	-7	166	267
12/9/2013	505	63	0	0	462	43	166	339
12/10/2013	464	57	0	0	418	46	166	298
12/11/2013	510	67	0	0	492	18	166	344
12/12/2013	377	55	0	0	403	-26	166	211
12/13/2013	416	50	0	0	367	49	166	250
12/14/2013	462	57	0	0	418	44	166	296
12/15/2013	476	63	0	0	462	14	166	310
12/16/2013	389	53	0	0	389	0	166	223
12/17/2013	366	43	0	0	315	51	166	200
12/18/2013	285	43	0	0	315	-30	166	119
12/19/2013	385	43	0	0	315	70	166	219
12/20/2013	370	49	0	0	359	11	166	204
12/21/2013	361	45	0	0	330	31	166	195
12/22/2013	471	55	0	0	403	68	166	305
12/23/2013	586	69	0	0	507	79	166	420
12/24/2013	503	67	0	0	492	11	166	337
12/25/2013	370	45	0	0	330	40	166	204
12/26/2013	312	47	0	0	344	-32	166	146
12/27/2013	214	37	0	0	271	-57	166	48
12/28/2013	228	33	0	0	241	-13	166	62
12/29/2013	518	63	0	0	462	56	166	352
12/30/2013	517	71	0	0	521	-4	166	351
12/31/2013	527	70	0	0	514	13	166	361
1/1/2014	503	67	0	0	492	11	166	337
1/2/2014	505	69	0	0	507	-2	166	339
1/3/2014	411	57	0	0	418	-7	166	245
1/4/2014	450	48	0	0	352	98	166	284
1/5/2014	597	75	0	0	551	46	166	431
1/6/2014	586	82	0	0	602	-16	166	420
1/7/2014	482	71	0	0	521	-39	166	316
1/8/2014	505	67	0	0	492	13	166	339
1/9/2014	381	59	0	0	433	-52	166	215
1/10/2014	241	41	0	0	300	-59	166	75
1/11/2014	262	39	0	0	286	-24	166	96
1/12/2014	198	34	0	0	249	-51	166	32
1/13/2014	212	35	0	0	256	-44	166	46
1/14/2014	415	47	0	0	344	71	166	249
1/15/2014	395	53	0	0	389	6	166	229

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	<u>Mary</u>	Shakopee						
		<u>HDD</u>						
1/16/2014	462	44	0	0	322	140	166	296
1/17/2014	430	59	0	0	433	-3	166	264
1/18/2014	355	49	0	0	359	-4	166	189
1/19/2014	224	37	0	0	271	-47	166	58
1/20/2014	464	52	0	0	381	83	166	298
1/21/2014	475	71	0	0	521	-46	166	309
1/22/2014	519	65	0	0	477	42	166	353
1/23/2014	519	73	0	0	536	-17	166	353
1/24/2014	287	47	0	0	344	-57	166	121
1/25/2014	391	51	0	0	374	17	166	225
1/26/2014	516	60	0	0	440	76	166	350
1/27/2014	547	77	0	0	565	-18	166	381
1/28/2014	513	75	0	0	551	-38	166	347
1/29/2014	275	53	0	0	389	-114	166	109
1/30/2014	388	53	0	0	389	-1	166	222
1/31/2014	411	68	0	0	499	-88	166	245
2/1/2014	387	55	0	0	403	-16	166	221
2/2/2014	404	65	0	0	477	-73	166	238
2/3/2014	414	57	0	0	418	-4	166	248
2/4/2014	479	61	0	0	448	31	166	313
2/5/2014	547	67	0	0	492	55	166	381
2/6/2014	535	70	0	0	514	21	166	369
2/7/2014	470	63	0	0	462	8	166	304
2/8/2014	423	59	0	0	433	-10	166	257
2/9/2014	504	65	0	0	477	27	166	338
2/10/2014	514	69	0	0	507	7	166	348
2/11/2014	444	65	0	0	477	-33	166	278
2/12/2014	327	46	0	0	337	-10	166	161
2/13/2014	415	47	0	0	344	71	166	249
2/14/2014	421	57	0	0	418	3	166	255
2/15/2014	397	57	0	0	418	-21	166	231
2/16/2014	352	51	0	0	374	-22	166	186
2/17/2014	286	41	0	0	300	-14	166	120
2/18/2014	195	35	0	0	256	-61	166	29
2/19/2014	157	36	0	0	263	-106	166	-9
2/20/2014	303	38	0	0	278	25	166	137
2/21/2014	408	53	0	0	389	19	166	242
2/22/2014	404	57	0	0	418	-14	166	238
2/23/2014	413	58	0	0	426	-13	166	247
2/24/2014	444	61	0	0	448	-4	166	278
2/25/2014	506	69	0	0	507	-1	166	340
2/26/2014	514	62	0	0	455	59	166	348
2/27/2014	504	73	0	0	536	-32	166	338
2/28/2014	458	63	0	0	462	-4	166	292
3/1/2014	553	65	0	0	477	76	166	387
3/2/2014	512	73	0	0	536	-24	166	346
3/3/2014	434	68	0	0	499	-65	166	268
3/4/2014	389	51	0	0	374	-5	166	203
3/5/2014	355	47	0	0	344	11	166	189
3/6/2014	334	46	0	0	337	-3	166	168
3/7/2014	291	36	0	0	263	28	166	125
3/8/2014	287	43	0	0	315	-28	166	121
3/9/2014	209	35	0	0	256	-47	166	43
3/10/2014	132	23	0	0	168	-36	166	-34
3/11/2014	241	27	0	0	197	44	166	75
3/12/2014	264	42	0	0	308	-44	166	98
3/13/2014	141	31	0	0	227	-86	166	-25
3/14/2014	225	31	0	0	227	-2	166	59
3/15/2014	305	39	0	0	286	19	166	139
3/16/2014	306	46	0	0	337	-31	166	140
3/17/2014	241	34	0	0	249	-8	166	75
3/18/2014	252	32	0	0	234	18	166	86
3/19/2014	231	33	0	0	241	-10	166	65
3/20/2014	163	31	0	0	227	-64	166	-3
3/21/2014	276	33	0	0	241	35	166	110
3/22/2014	368	49	0	0	359	9	166	202
3/23/2014	323	49	0	0	359	-36	166	157
3/24/2014	322	40	0	0	293	29	166	156
3/25/2014	346	48	0	0	352	-6	166	180
3/26/2014	216	37	0	0	271	-55	166	50
3/27/2014	238	27	0	0	197	41	166	72
3/28/2014	213	33	0	0	241	-28	166	47
3/29/2014	167	33	0	0	241	-74	166	1
3/30/2014	78	15	0	0	109	-31	166	-88
3/31/2014	160	21	0	0	153	7	166	-6

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	<u>Mary</u>	Shakopee						
		<u>HDD</u>						
11/1/2014	344	31	0	0	227	117	166	178
11/2/2014	191	17	0	0	123	68	166	25
11/3/2014	216	15	0	0	109	107	166	50
11/4/2014	274	20	0	0	146	128	166	108
11/5/2014	284	26	0	0	190	94	166	118
11/6/2014	350	26	0	0	190	160	166	184
11/7/2014	275	25	0	0	182	93	166	109
11/8/2014	275	25	0	0	182	93	166	109
11/9/2014	296	29	0	0	212	84	166	130
11/10/2014	336	36	0	0	263	73	166	170
11/11/2014	426	42	0	0	308	118	166	260
11/12/2014	343	47	0	0	344	-1	166	177
11/13/2014	352	44	0	0	322	30	166	186
11/14/2014	425	51	0	0	374	51	166	259
11/15/2014	341	51	0	0	374	-33	166	175
11/16/2014	393	51	0	0	374	19	166	227
11/17/2014	437	54	0	0	396	41	166	271
11/18/2014	375	52	0	0	381	-6	166	209
11/19/2014	375	44	0	0	322	53	166	209
11/20/2014	406	54	0	0	396	10	166	240
11/21/2014	382	47	0	0	344	38	166	216
11/22/2014	201	25	0	0	182	19	166	35
11/23/2014	173	23	0	0	168	5	166	7
11/24/2014	381	41	0	0	300	81	166	215
11/25/2014	293	48	0	0	352	-59	166	127
11/26/2014	348	46	0	0	337	11	166	182
11/27/2014	397	61	0	0	448	-51	166	231
11/28/2014	315	50	0	0	367	-52	166	149
11/29/2014	245	34	0	0	249	-4	166	79
11/30/2014	437	52	0	0	381	56	166	271
12/1/2014	452	63	0	0	462	-10	166	286
12/2/2014	373	52	0	0	381	-8	166	207
12/3/2014	343	49	0	0	359	-16	166	177
12/4/2014	267	41	0	0	300	-33	166	101
12/5/2014	281	36	0	0	263	18	166	115
12/6/2014	288	40	0	0	293	-5	166	122
12/7/2014	257	36	0	0	263	-6	166	91
12/8/2014	309	37	0	0	271	38	166	143
12/9/2014	294	47	0	0	344	-50	166	128
12/10/2014	275	40	0	0	293	-18	166	109
12/11/2014	254	35	0	0	256	-2	166	88
12/12/2014	218	29	0	0	212	6	166	52
12/13/2014	122	22	0	0	160	-38	166	-44
12/14/2014	73	16	0	0	116	-43	166	-93
12/15/2014	218	25	0	0	182	36	166	52
12/16/2014	391	43	0	0	315	76	166	225
12/17/2014	392	50	0	0	367	25	166	226
12/18/2014	375	49	0	0	359	16	166	209
12/19/2014	316	39	0	0	286	30	166	150
12/20/2014	298	34	0	0	249	49	166	132
12/21/2014	261	30	0	0	219	42	166	95
12/22/2014	266	28	0	0	205	61	166	100
12/23/2014	271	30	0	0	219	52	166	105
12/24/2014	285	31	0	0	227	58	166	119
12/25/2014	279	33	0	0	241	38	166	113
12/26/2014	318	34	0	0	249	69	166	152
12/27/2014	410	47	0	0	344	66	166	244
12/28/2014	415	50	0	0	367	48	166	249
12/29/2014	522	60	0	0	440	82	166	356
12/30/2014	577	69	0	0	507	70	166	411
12/31/2014	498	63	0	0	462	36	166	332
1/1/2015	394	44	0	0	322	72	166	228
1/2/2015	353	49	0	0	359	-6	166	187
1/3/2015	402	43	0	0	315	87	166	236
1/4/2015	596	63	0	0	462	134	166	430
1/5/2015	589	71	0	0	521	68	166	423
1/6/2015	583	65	0	0	477	106	166	417
1/7/2015	593	69	0	0	507	86	166	427
1/8/2015	562	60	0	0	440	122	166	396
1/9/2015	550	64	0	0	470	80	166	384
1/10/2015	484	57	0	0	418	66	166	318
1/11/2015	463	56	0	0	411	52	166	297
1/12/2015	553	67	0	0	492	61	166	367
1/13/2015	457	64	0	0	470	-13	166	291
1/14/2015	328	45	0	0	330	-2	166	162
1/15/2015	288	37	0	0	271	17	166	122

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	<u>Mary</u>	<u>Shakopee</u>						
		<u>HDD</u>						
1/16/2015	299	38	0	0	278	21	166	133
1/17/2015	255	32	0	0	234	21	166	89
1/18/2015	224	34	0	0	249	-25	166	58
1/19/2015	236	35	0	0	256	-20	166	70
1/20/2015	329	34	0	0	249	80	166	163
1/21/2015	350	37	0	0	271	79	166	184
1/22/2015	353	44	0	0	322	31	166	187
1/23/2015	267	31	0	0	227	40	166	101
1/24/2015	239	30	0	0	219	20	166	73
1/25/2015	335	37	0	0	271	64	166	169
1/26/2015	222	31	0	0	227	-5	166	56
1/27/2015	283	32	0	0	234	49	166	117
1/28/2015	301	35	0	0	256	45	166	135
1/29/2015	382	40	0	0	293	89	166	216
1/30/2015	330	45	0	0	330	0	166	164
1/31/2015	379	41	0	0	300	79	166	213
2/1/2015	486	52	0	0	381	105	166	320
2/2/2015	466	58	0	0	426	40	166	300
2/3/2015	429	54	0	0	396	33	166	263
2/4/2015	493	60	0	0	440	53	166	327
2/5/2015	445	60	0	0	440	5	166	279
2/6/2015	306	44	0	0	322	-16	166	140
2/7/2015	255	36	0	0	263	-8	166	89
2/8/2015	300	37	0	0	271	29	166	134
2/9/2015	271	38	0	0	278	-7	166	105
2/10/2015	349	38	0	0	278	71	166	183
2/11/2015	483	48	0	0	352	131	166	317
2/12/2015	463	62	0	0	455	8	166	297
2/13/2015	415	46	0	0	337	78	166	249
2/14/2015	513	59	0	0	433	80	166	347
2/15/2015	501	59	0	0	433	68	166	335
2/16/2015	445	50	0	0	367	78	166	279
2/17/2015	527	60	0	0	440	87	166	361
2/18/2015	589	69	0	0	507	82	166	423
2/19/2015	469	66	0	0	484	-15	166	303
2/20/2015	372	48	0	0	352	20	166	206
2/21/2015	446	53	0	0	389	57	166	280
2/22/2015	577	69	0	0	507	70	166	411
2/23/2015	436	59	0	0	433	3	166	270
2/24/2015	349	42	0	0	308	41	166	183
2/25/2015	458	54	0	0	396	62	166	292
2/26/2015	504	62	0	0	455	49	166	338
2/27/2015	484	62	0	0	455	29	166	318
2/28/2015	432	55	0	0	403	29	166	266

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Greater Minnesota Gas Historical Heating Season Load Data

(Randall Total - Randall Xcel)

	Viking TBS Randall	Alexandria HDD						
11/1/2013	702	27	0	0	1,003	-301	0	702
11/2/2013	618	25	0	0	965	-347	0	618
11/3/2013	619	21	0	0	889	-270	0	619
11/4/2013	736	25	0	0	965	-229	0	736
11/5/2013	896	34	0	0	1,136	-240	0	896
11/6/2013	935	33	0	0	1,117	-182	0	935
11/7/2013	983	34	0	0	1,136	-153	0	983
11/8/2013	759	32	0	0	1,098	-339	0	759
11/9/2013	804	28	0	0	1,022	-218	0	804
11/10/2013	945	34	0	0	1,136	-191	0	945
11/11/2013	1,203	47	0	0	1,383	-180	0	1,203
11/12/2013	1,060	46	0	0	1,364	-304	0	1,060
11/13/2013	692	26	0	0	984	-292	0	692
11/14/2013	707	25	0	0	965	-258	0	707
11/15/2013	628	26	0	0	984	-356	0	628
11/16/2013	628	25	0	0	965	-337	0	628
11/17/2013	957	30	0	0	1,060	-103	0	957
11/18/2013	1,063	39	0	0	1,231	-168	0	1,063
11/19/2013	739	30	0	0	1,060	-321	0	739
11/20/2013	854	26	0	0	984	-130	0	854
11/21/2013	1,271	44	0	0	1,326	-55	0	1,271
11/22/2013	1,361	50	0	0	1,440	-79	0	1,361
11/23/2013	1,366	58	0	0	1,592	-226	0	1,366
11/24/2013	969	43	0	0	1,307	-338	0	969
11/25/2013	1,134	35	0	0	1,155	-21	0	1,134
11/26/2013	1,351	49	0	0	1,421	-70	0	1,351
11/27/2013	1,201	52	0	0	1,478	-277	0	1,201
11/28/2013	1,242	49	0	0	1,421	-179	0	1,242
11/29/2013	1,092	44	0	0	1,326	-234	0	1,092
11/30/2013	970	41	0	0	1,269	-299	0	970
12/1/2013	969	41	0	0	1,269	-300	0	969
12/2/2013	856	35	0	0	1,155	-299	0	856
12/3/2013	864	35	0	0	1,155	-291	0	864
12/4/2013	1,105	48	0	0	1,402	-297	0	1,105
12/5/2013	1,405	66	0	0	1,744	-339	0	1,405
12/6/2013	1,447	75	0	0	1,915	-468	0	1,447
12/7/2013	1,345	76	0	0	1,934	-589	0	1,345
12/8/2013	1,175	70	0	0	1,820	-645	0	1,175
12/9/2013	1,341	69	0	0	1,801	-460	0	1,341
12/10/2013	1,332	66	0	0	1,744	-412	0	1,332
12/11/2013	1,368	73	0	0	1,877	-509	0	1,368
12/12/2013	1,166	60	0	0	1,630	-464	0	1,166
12/13/2013	1,307	58	0	0	1,592	-285	0	1,307
12/14/2013	1,275	67	0	0	1,763	-488	0	1,275
12/15/2013	1,257	68	0	0	1,782	-525	0	1,257
12/16/2013	1,043	49	0	0	1,421	-378	0	1,043
12/17/2013	1,151	48	0	0	1,402	-251	0	1,151
12/18/2013	951	45	0	0	1,345	-394	0	951
12/19/2013	1,287	55	0	0	1,535	-248	0	1,287
12/20/2013	1,126	61	0	0	1,649	-523	0	1,126
12/21/2013	1,095	60	0	0	1,630	-535	0	1,095
12/22/2013	1,349	65	0	0	1,725	-376	0	1,349
12/23/2013	1,528	82	0	0	2,048	-520	0	1,528
12/24/2013	1,203	71	0	0	1,839	-636	0	1,203
12/25/2013	1,049	49	0	0	1,421	-372	0	1,049
12/26/2013	984	49	0	0	1,421	-437	0	984
12/27/2013	781	34	0	0	1,136	-355	0	781
12/28/2013	1,083	45	0	0	1,345	-262	0	1,083
12/29/2013	1,503	75	0	0	1,915	-412	0	1,503
12/30/2013	1,576	72	0	0	1,858	-282	0	1,576
12/31/2013	1,558	78	0	0	1,972	-414	0	1,558
1/1/2014	1,540	71	0	0	1,839	-299	0	1,540
1/2/2014	1,534	76	0	0	1,934	-400	0	1,534
1/3/2014	1,088	54	0	0	1,516	-428	0	1,088
1/4/2014	1,391	54	0	0	1,516	-125	0	1,391
1/5/2014	1,658	83	0	0	2,067	-409	0	1,658
1/6/2014	1,644	84	0	0	2,086	-442	0	1,644
1/7/2014	1,565	74	0	0	1,896	-331	0	1,565
1/8/2014	1,611	77	0	0	1,953	-342	0	1,611
1/9/2014	1,327	56	0	0	1,554	-227	0	1,327
1/10/2014	1,105	41	0	0	1,269	-164	0	1,105
1/11/2014	1,102	42	0	0	1,288	-186	0	1,102
1/12/2014	994	33	0	0	1,117	-123	0	994
1/13/2014	1,267	42	0	0	1,288	-21	0	1,267
1/14/2014	1,455	49	0	0	1,421	34	0	1,455
1/15/2014	1,255	50	0	0	1,440	-185	0	1,255

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Greater Minnesota Gas Historical Heating Season Load Data

(Randall Total - Randall Xcel)

	Viking TBS	Alexandria						
	<u>Randall</u>	<u>HDD</u>						
1/16/2014	1,661	49	0	0	1,421	240	0	1,661
1/17/2014	1,440	64	0	0	1,706	-266	0	1,440
1/18/2014	1,137	49	0	0	1,421	-284	0	1,137
1/19/2014	1,060	38	0	0	1,212	-152	0	1,060
1/20/2014	1,800	61	0	0	1,649	151	0	1,800
1/21/2014	1,693	75	0	0	1,915	-222	0	1,693
1/22/2014	1,880	71	0	0	1,839	41	0	1,880
1/23/2014	1,692	73	0	0	1,877	-185	0	1,692
1/24/2014	1,446	44	0	0	1,326	120	0	1,446
1/25/2014	1,551	60	0	0	1,630	-79	0	1,551
1/26/2014	1,851	66	0	0	1,744	107	0	1,851
1/27/2014	1,988	81	0	0	2,029	-41	0	1,988
1/28/2014	1,889	76	0	0	1,934	-45	0	1,889
1/29/2014	1,390	57	0	0	1,573	-183	0	1,390
1/30/2014	1,818	62	0	0	1,668	150	0	1,818
1/31/2014	1,567	69	0	0	1,801	-234	0	1,567
2/1/2014	1,556	63	0	0	1,687	-131	0	1,556
2/2/2014	1,527	66	0	0	1,744	-217	0	1,527
2/3/2014	1,473	61	0	0	1,649	-176	0	1,473
2/4/2014	1,652	67	0	0	1,763	-111	0	1,652
2/5/2014	1,759	70	0	0	1,820	-61	0	1,759
2/6/2014	1,738	71	0	0	1,839	-101	0	1,738
2/7/2014	1,730	66	0	0	1,744	-14	0	1,730
2/8/2014	1,590	67	0	0	1,763	-173	0	1,590
2/9/2014	1,777	73	0	0	1,877	-100	0	1,777
2/10/2014	1,803	75	0	0	1,915	-112	0	1,803
2/11/2014	1,411	64	0	0	1,706	-295	0	1,411
2/12/2014	1,300	56	0	0	1,554	-254	0	1,300
2/13/2014	1,623	51	0	0	1,459	164	0	1,623
2/14/2014	1,553	67	0	0	1,763	-210	0	1,553
2/15/2014	1,323	56	0	0	1,554	-231	0	1,323
2/16/2014	1,399	58	0	0	1,592	-193	0	1,399
2/17/2014	1,158	41	0	0	1,269	-111	0	1,158
2/18/2014	1,126	37	0	0	1,193	-67	0	1,126
2/19/2014	971	39	0	0	1,231	-260	0	971
2/20/2014	1,350	42	0	0	1,288	62	0	1,350
2/21/2014	1,510	60	0	0	1,630	-120	0	1,510
2/22/2014	1,417	61	0	0	1,649	-232	0	1,417
2/23/2014	1,422	60	0	0	1,630	-208	0	1,422
2/24/2014	1,666	68	0	0	1,782	-116	0	1,666
2/25/2014	1,799	71	0	0	1,839	-40	0	1,799
2/26/2014	1,702	62	0	0	1,668	34	0	1,702
2/27/2014	1,735	77	0	0	1,953	-218	0	1,735
2/28/2014	1,561	63	0	0	1,687	-126	0	1,561
3/1/2014	1,723	77	0	0	1,953	-230	0	1,723
3/2/2014	1,613	75	0	0	1,915	-302	0	1,613
3/3/2014	1,538	68	0	0	1,782	-244	0	1,538
3/4/2014	1,484	56	0	0	1,554	-70	0	1,484
3/5/2014	1,388	53	0	0	1,497	-109	0	1,388
3/6/2014	1,194	43	0	0	1,307	-113	0	1,194
3/7/2014	1,258	45	0	0	1,345	-87	0	1,258
3/8/2014	1,061	52	0	0	1,478	-417	0	1,061
3/9/2014	698	33	0	0	1,117	-419	0	698
3/10/2014	687	24	0	0	946	-259	0	687
3/11/2014	1,074	35	0	0	1,155	-81	0	1,074
3/12/2014	1,134	44	0	0	1,326	-192	0	1,134
3/13/2014	773	25	0	0	965	-192	0	773
3/14/2014	1,181	36	0	0	1,174	7	0	1,181
3/15/2014	1,263	44	0	0	1,326	-63	0	1,263
3/16/2014	1,179	47	0	0	1,383	-204	0	1,179
3/17/2014	1,089	31	0	0	1,079	10	0	1,089
3/18/2014	1,099	35	0	0	1,155	-56	0	1,099
3/19/2014	1,139	36	0	0	1,174	-35	0	1,139
3/20/2014	998	37	0	0	1,193	-195	0	998
3/21/2014	1,552	42	0	0	1,288	264	0	1,552
3/22/2014	1,565	54	0	0	1,516	49	0	1,565
3/23/2014	1,404	51	0	0	1,459	-55	0	1,404
3/24/2014	1,477	46	0	0	1,364	113	0	1,477
3/25/2014	1,502	50	0	0	1,440	62	0	1,502
3/26/2014	1,016	38	0	0	1,212	-196	0	1,016
3/27/2014	1,221	35	0	0	1,155	66	0	1,221
3/28/2014	1,228	43	0	0	1,307	-79	0	1,228
3/29/2014	917	40	0	0	1,250	-333	0	917
3/30/2014	689	24	0	0	946	-257	0	689
3/31/2014	1,129	34	0	0	1,136	-7	0	1,129

DOC Attachment 3
Greater Minnesota Gas Historical Heating Season Load Data

(Randall Total - Randall Xcel)

	Viking TBS Randall	Alexandria HDD						
11/1/2014	1,097	29	0	0	1,041	56	0	1,097
11/2/2014	864	20	0	0	870	-6	0	864
11/3/2014	941	23	0	0	927	14	0	941
11/4/2014	1,088	29	0	0	1,041	47	0	1,088
11/5/2014	1,194	29	0	0	1,041	153	0	1,194
11/6/2014	1,192	30	0	0	1,060	132	0	1,192
11/7/2014	1,120	26	0	0	984	136	0	1,120
11/8/2014	1,014	30	0	0	1,060	-46	0	1,014
11/9/2014	1,273	34	0	0	1,136	137	0	1,273
11/10/2014	1,548	42	0	0	1,288	260	0	1,548
11/11/2014	1,684	46	0	0	1,364	320	0	1,684
11/12/2014	1,688	45	0	0	1,345	343	0	1,688
11/13/2014	2,015	51	0	0	1,459	556	0	2,015
11/14/2014	1,797	57	0	0	1,573	224	0	1,797
11/15/2014	1,622	54	0	0	1,516	106	0	1,622
11/16/2014	1,816	57	0	0	1,573	243	0	1,816
11/17/2014	1,909	55	0	0	1,535	374	0	1,909
11/18/2014	1,718	52	0	0	1,478	240	0	1,718
11/19/2014	1,709	48	0	0	1,402	307	0	1,709
11/20/2014	1,891	56	0	0	1,554	337	0	1,891
11/21/2014	1,258	46	0	0	1,364	-105	0	1,258
11/22/2014	985	33	0	0	1,117	-132	0	985
11/23/2014	1,182	34	0	0	1,136	47	0	1,182
11/24/2014	1,813	48	0	0	1,402	411	0	1,813
11/25/2014	1,579	51	0	0	1,459	120	0	1,579
11/26/2014	1,907	56	0	0	1,554	353	0	1,907
11/27/2014	1,845	67	0	0	1,763	82	0	1,845
11/28/2014	1,469	53	0	0	1,497	-28	0	1,469
11/29/2014	1,305	43	0	0	1,307	-2	0	1,305
11/30/2014	1,902	58	0	0	1,592	310	0	1,902
12/1/2014	1,946	69	0	0	1,801	145	0	1,946
12/2/2014	1,562	51	0	0	1,459	103	0	1,562
12/3/2014	1,610	53	0	0	1,497	113	0	1,610
12/4/2014	1,344	42	0	0	1,288	56	0	1,344
12/5/2014	1,304	39	0	0	1,231	73	0	1,304
12/6/2014	1,298	47	0	0	1,383	-85	0	1,298
12/7/2014	1,162	36	0	0	1,174	-12	0	1,162
12/8/2014	1,597	40	0	0	1,250	347	0	1,597
12/9/2014	1,532	47	0	0	1,383	149	0	1,532
12/10/2014	1,370	40	0	0	1,250	120	0	1,370
12/11/2014	1,219	36	0	0	1,174	46	0	1,219
12/12/2014	1,085	31	0	0	1,079	6	0	1,085
12/13/2014	812	24	0	0	946	-134	0	812
12/14/2014	839	25	0	0	965	-125	0	839
12/15/2014	1,467	39	0	0	1,231	236	0	1,467
12/16/2014	1,844	52	0	0	1,478	366	0	1,844
12/17/2014	1,863	54	0	0	1,516	347	0	1,863
12/18/2014	1,647	51	0	0	1,459	188	0	1,647
12/19/2014	1,355	40	0	0	1,250	105	0	1,355
12/20/2014	1,284	35	0	0	1,155	129	0	1,284
12/21/2014	1,095	33	0	0	1,117	-22	0	1,095
12/22/2014	1,156	30	0	0	1,060	96	0	1,156
12/23/2014	1,153	30	0	0	1,060	93	0	1,153
12/24/2014	1,254	35	0	0	1,155	99	0	1,254
12/25/2014	1,297	36	0	0	1,174	123	0	1,297
12/26/2014	1,509	40	0	0	1,250	260	0	1,509
12/27/2014	1,648	49	0	0	1,421	227	0	1,648
12/28/2014	1,943	52	0	0	1,478	465	0	1,943
12/29/2014	2,347	63	0	0	1,687	661	0	2,347
12/30/2014	2,473	70	0	0	1,820	653	0	2,473
12/31/2014	1,907	59	0	0	1,611	297	0	1,907
1/1/2015	1,907	48	0	0	1,402	505	0	1,907
1/2/2015	1,593	48	0	0	1,402	191	0	1,593
1/3/2015	1,978	56	0	0	1,554	424	0	1,978
1/4/2015	2,345	72	0	0	1,858	487	0	2,345
1/5/2015	2,227	71	0	0	1,839	388	0	2,227
1/6/2015	2,344	67	0	0	1,763	581	0	2,344
1/7/2015	2,221	71	0	0	1,839	382	0	2,221
1/8/2015	2,260	61	0	0	1,649	611	0	2,260
1/9/2015	2,277	66	0	0	1,744	533	0	2,277
1/10/2015	1,877	60	0	0	1,630	247	0	1,877
1/11/2015	2,084	62	0	0	1,668	416	0	2,084
1/12/2015	2,337	72	0	0	1,858	479	0	2,337
1/13/2015	1,899	63	0	0	1,687	212	0	1,899
1/14/2015	1,634	51	0	0	1,459	175	0	1,634
1/15/2015	1,470	40	0	0	1,250	220	0	1,470

DOC Attachment 3
Greater Minnesota Gas Historical Heating Season Load Data

(Randall Total - Randall Xcel)

	Viking TBS	Alexandria						
	<u>Randall</u>	<u>HDD</u>						
1/16/2015	1,537	40	0	0	1,250	287	0	1,537
1/17/2015	1,342	35	0	0	1,155	187	0	1,342
1/18/2015	1,356	37	0	0	1,193	163	0	1,356
1/19/2015	1,343	35	0	0	1,155	188	0	1,343
1/20/2015	1,435	37	0	0	1,193	242	0	1,435
1/21/2015	1,702	48	0	0	1,402	300	0	1,702
1/22/2015	1,549	49	0	0	1,421	128	0	1,549
1/23/2015	1,175	32	0	0	1,098	77	0	1,175
1/24/2015	1,161	33	0	0	1,117	44	0	1,161
1/25/2015	1,381	36	0	0	1,174	207	0	1,381
1/26/2015	1,236	32	0	0	1,098	138	0	1,236
1/27/2015	1,337	34	0	0	1,136	201	0	1,337
1/28/2015	1,482	34	0	0	1,136	346	0	1,482
1/29/2015	1,992	46	0	0	1,364	628	0	1,992
1/30/2015	1,584	49	0	0	1,421	163	0	1,584
1/31/2015	1,748	47	0	0	1,383	365	0	1,748
2/1/2015	2,110	61	0	0	1,649	461	0	2,110
2/2/2015	2,047	59	0	0	1,611	436	0	2,047
2/3/2015	2,018	57	0	0	1,573	445	0	2,018
2/4/2015	2,345	66	0	0	1,744	601	0	2,345
2/5/2015	1,945	60	0	0	1,630	315	0	1,945
2/6/2015	1,526	45	0	0	1,345	181	0	1,526
2/7/2015	1,357	37	0	0	1,193	164	0	1,357
2/8/2015	1,602	39	0	0	1,231	371	0	1,602
2/9/2015	1,597	41	0	0	1,269	328	0	1,597
2/10/2015	1,695	39	0	0	1,231	464	0	1,695
2/11/2015	2,381	58	0	0	1,592	789	0	2,381
2/12/2015	2,021	66	0	0	1,744	277	0	2,021
2/13/2015	2,031	50	0	0	1,440	591	0	2,031
2/14/2015	2,193	66	0	0	1,744	449	0	2,193
2/15/2015	1,997	61	0	0	1,649	348	0	1,997
2/16/2015	2,112	57	0	0	1,573	539	0	2,112
2/17/2015	2,454	68	0	0	1,782	672	0	2,454
2/18/2015	2,495	75	0	0	1,915	580	0	2,495
2/19/2015	1,971	70	0	0	1,820	151	0	1,971
2/20/2015	1,690	46	0	0	1,364	326	0	1,690
2/21/2015	2,174	63	0	0	1,687	487	0	2,174
2/22/2015	2,480	79	0	0	1,991	489	0	2,480
2/23/2015	1,689	58	0	0	1,592	97	0	1,689
2/24/2015	1,857	45	0	0	1,345	512	0	1,857
2/25/2015	2,164	62	0	0	1,668	496	0	2,164
2/26/2015	2,291	70	0	0	1,820	471	0	2,291
2/27/2015	1,950	56	0	0	1,554	396	0	1,950
2/28/2015	1,653	54	0	0	1,516	137	0	1,653
		0	0	0				

Greater Minnesota Gas, Inc.
Peak Day Analysis

Docket No. G022/M-15-285
DOC Attachment 4
Page 1 of 1

Line No.	Description	Design Day Calculation	Peak Day 2009-10	Peak Day 2008-09
1	Date of Peak Day		2-Jan-10	15-Jan-09
2	Day of the Week		Saturday	Thursday
3	Total Throughput (Dth)	4672	3870	4192
4	Interruptible Customer Usage (Dth)	87	81	45
5	Firm Transportation Usage (Dth)	135	135	119
6	Firm Sales Throughput (Dth)	4450	3654	4028
7	Average Actual Gas Day Temperature (Deg. F)	-25	-15	-15
8	Heating Degree Days (HDD) 65 degree base	90	80	80
9	Non-HDD Sensitive Base (Dth)	199	173	228
10	Total HDD Sensitive Firm Throughput (Dth)	4250	3481	3800
11	Actual Firm Peak Day Dth/HDD (Dth)	47	44	48
12	Base + (Actual Dth/HDD * HDDs) (Dth)	4450	3654	4028
13	Peak Month Firm Customers	3920	3722	3560
14	Peak Day Use per Firm Customer	1.135	0.982	1.131
			<u>Sales Jan '10</u>	<u>% of Total</u>
15	Firm Sales			
16	Residential		63,465	82.0%
17	Commercial		7,621	9.8%
18	Industrial		3,208	4.1%
19	Flexible Rate Industrial		3,102	4.0%
20	Total Firm Sales		<u>77,396</u>	100.0%
21	Allocated Peak Day based on Dth Sales			
22	Residential	3,649	2,996	82.0%
23	Commercial	438	360	9.8%
24	Industrial	184	151	4.1%
25	Flexible Rate Industrial	178	146	4.0%
26	Total Firm Sales	<u>4,450</u>	<u>3,654</u>	<u>100%</u>

Heinen, Adam (COMM)

From: Kristine Anderson <kanderson@greatermngas.com>
Sent: Monday, April 27, 2015 8:47 AM
To: Heinen, Adam (COMM)
Subject: RE: Demand Entitlement Question

Adam,

Thank you for the opportunity to provide additional information regarding GMG's anticipated growth. I hope that this helps address your questions. GMG uses customer equivalents ("CEs") in virtually all of its modeling and forecasting, including for purposes of both its capital structure filing and the contract demand entitlement filing. Essentially, all of the anticipated customer use is converted into CEs. One CE is based on one average residential customer and, for mathematical purposes, is equivalent to enough sales to generate \$545 of margin. Commercial customers' projected usage is multiplied by &.36161 per therm divided by \$545 to determine how many CEs are anticipated from it.

The attached 2015 Capital Spending Budget, which is provided under trade secret protection just as it was in the capital structure filing, shows the anticipated CEs from each of the three major projects planned for 2015. The general breakdown for each project is projected to be as follows:

[TRADE SECRET DATA BEGINS

TRADE SECRET DATA ENDS]

GMG strives to protect its ratepayers from the risk associated with system expansion by engaging in thorough market analysis prior to selecting its projects. By working closely with community members and business leaders during the latter part of last year, GMG determined that the predicted growth is not merely speculative. To date, GMG has benefited from a very positive reception in its new communities and sales are on pace to meet growth projections.

Please do not hesitate to contact us should you have additional questions or concerns. We look forward to continued work with you throughout the contract demand entitlement process.

Kristine

From: Heinen, Adam (COMM) [Adam.Heinen@state.mn.us]
Sent: Wednesday, April 22, 2015 11:09 AM
To: Kristine Anderson
Subject: Demand Entitlement Question

I wish I had sent this with the previous email, but it just popped back into my head. While reviewing the filing, I observed the significant firm customer growth (over 1,800) that Greater Minnesota anticipates for the upcoming heating

season. I looked back over historical data and GMG's forecasts are generally pretty close, but given the size of this anticipated growth (over 30%) it would be helpful if you could provide some more in-depth discussion about how and where these customers will be added. These added customers are likely part of the reason that some entitlements have been added, and the Commission will likely want to understand whether other ratepayers will be at risk if growth expectations aren't reached. I was also talking with Craig recently and he stated that GMG makes reference to customer equivalents in its capital structure filing. For the sake of clarity in this record, could you please explain this concept and whether it is used in the customer calculations and numbers represented in the demand entitlement data. If I have any other questions I will let you know, and if you need any clarification, please don't hesitate to contact me. Thanks.

Adam Heinen, MSAE
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