The Minnesota Utility Data Book

A Reference Guide to Minnesota Electric and Natural-Gas Utilities 1965-2008

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Introduction

The Minnesota Department of Commerce regulates the financial services industries and promotes and implements policies regarding energy and telecommunications. We work with other state agencies to provide education, information and programs to the public and work to enhance Minnesota's environment and quality of life. This report is one tool in that process.

The *Minnesota Utility Data Book* compiles information reported by electric and natural-gas utilities serving Minnesota. Most of Minnesota's energy use occurs through service provided by various investor-owned, cooperative and municipal and private utilities. To track energy trends, the Minnesota Department of Commerce's Division of Energy Resources uses data in its Regional Energy Information System (REIS), which contains information collected through Minnesota Rules parts 7610.0100 to 7610.1130.

The 2008 *Minnesota Utility Data Book* provides aggregate information reported by Minnesota utilities through 2008. It also provides data reported by individual companies for the year 2008.

The tables in this report may use certain assumptions that are not obvious to the reader. Where feasible, this report lists assumptions either at the bottom of relevant pages or in the General Notes on Data section.

Staff members contributing to the preparation of this report include Steve Loomis, Theresa Staples, and Susan Medhaug. If you have any questions about the report, please contact Dr. Marlon Griffing at 651-297-3900.

We hope that the 2008 *Minnesota Utility Data Book* will promote discussion, inquiries and interest about energy consumed through Minnesota's natural-gas and electric utilities. To obtain this report in an alternative format (i.e., large print, Braille, CD-ROM), please see our website at http://www.commerce.state.mn.us or call our Energy Information Center at 651-539-1882. If you are outside the Twin Cities area, please dial 1-800-657-3710. Our TAM toll free number is 1-800-657-3599. The Information Center may also be contacted through e-mail at: energy.info@state.mn.us.

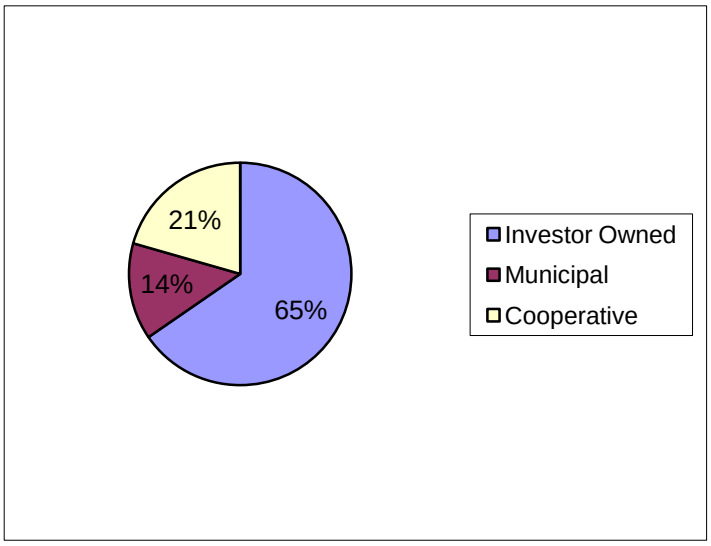
Section I: Electric Utilities

Overview

Minnesota's electric utilities are classified as investor-owned utilities (IOUs), cooperative utilities (co-ops), or municipal utilities (munis). The Minnesota Public Utilities Commission regulates the rates of all IOUs. Co-ops' and munis' rates are not regulated unless they choose such regulation. (Dakota Electric Association is the only utility that has chosen such regulation.)

As shown below, of the electricity sold to retail customers by electric utilities, most of Minnesota's electric consumers buy their electricity from IOUs. The remaining customers buy almost equally from co-ops and munis.

Figure 1: Minnesota Electric Consumption by Type of Utility



There are five investor-owned electric utilities serving customers in Minnesota. In 2008 there were 47 distribution cooperatives and 126 municipal electric utilities serving customers in Minnesota.

Introduction to Electric Tables

The tables in this section provide both aggregate and individual company information reported by electric utilities serving Minnesota. Tables 1 through 3 provide overall electric consumption, numbers of electric customers and electric revenues in Minnesota. These tables also show this information for the general types of companies: investor-owned utilities, cooperative utilities, and municipal utilities.

According to Table 1, 2008 electric consumption in the residential sector was slightly lower than 2007 consumption. As Figure 2 indicates, when adjusted for weather, electric consumption per residential customer has turned down in 2007 and 2008, but the long-term trend is still upward.

Figure 2: Weather-Normalized Electric Use per Residential Customer

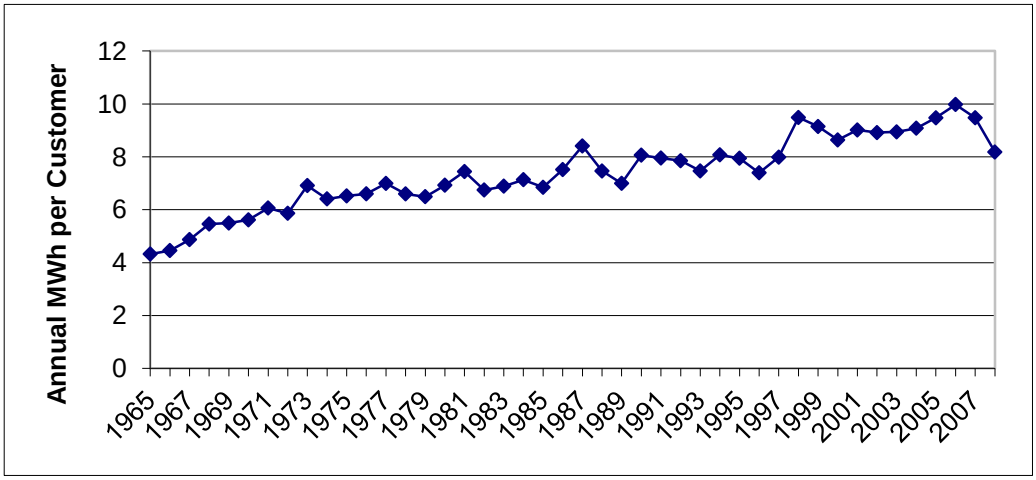


Table 4 through Table 7 provide 2008 electric consumption, numbers of electric customers, electric revenues, and data on residential space heating reported by each electric utility serving Minnesota. Table 8 lists utility megawatt-hours sold at retail to Minnesota customers by county and each county's consumption and population rank (1 represents the highest total consumption/population and 87 represents the lowest).

Table 9 contains general descriptions of utility-owned generation plants serving Minnesota during the 2008 calendar year;

Table 10 provides net generation and fuel consumption for utility-owned generation plants producing energy during calendar year 2008 for the following utilities:

Adrian Public Utilities	Marshall Municipal Utilities
Alexandria Light & Power	Melrose Public Utilities
Alliant Energy-Interstate Power Co.	Minnesota Power
Austin Utilities	Minnkota Power Cooperative
Benson Municipal Utilities	Moorhead Public Service
Blooming Prairie Public Utilities	Moose Lake Water and Light Comm.
Blue Earth Light & Water Dept.	Mora Municipal Utilities
Dairyland Power Cooperative	New Prague Utilities Commission
Delano Municipal Utilities	New Ulm Public Utilities
Detroit Lakes Public Utility	North Branch Water & Light
East Grand Forks Water & Light Dept.	Otter Tail Power Company
Elk River Municipal Utilities	Princeton Public Utilities
Fairfax Municipal	Redwood Falls Public Utilities
Fairmont Public Utilities	Rochester Public Utilities
Glencoe Light & Power Commission	St. James Municipal Light & Power
Grand Marais Public Utilities	Sleepy Eye Public Utility
Granite Falls, City of	Southern MN Municipal Power Agency
Great River Energy	Spring Valley Public Utilities Comm.
Hastings, City of	Springfield Public Utilities
Hawley Public Utilities	Steele Waseca Cooperative Electric
Hibbing Public Utilities Commission	Thief River Falls Municipal Utilities
Hutchinson Utilities Commission	Two Harbors, City of
Janesville Municipal Utility	Virginia Dept. of Public Utilities
Kenyon Municipal Utilities	Warren, City of
Lake Crystal Municipal Utilities	Wells Public Utilities
Lakefield, City of	Willmar Municipal Utilities
Lanesboro Public Utilities	Windom Municipal Utility
Litchfield Public Utilities	Worthington Public Utilities
Madelia Municipal Light & Power	Xcel Energy

Table 1: Minnesota Historical Electric Consumption

Total Electric Consumption for Minnesota (Gigawatt-Hours)

Year	Farm	Non-Farm Residential	Commercial	Industrial	Total
1965	1,526	4,036	2,552	4,804	12,917
1967	1,710	4,632	3,005	6,157	15,503
1969	1,949	5,588	3,603	8,027	19,166
1971	2,250	6,381	4,185	9,201	22,017
1973	2,472	7,029	4,781	11,309	25,591
1975	2,891	7,651	5,028	11,281	26,852
1976	3,107	7,997	5,473	12,236	28,813
1977	3,452	7,855	5,524	12,562	29,393
1978	3,375	8,538	5,767	14,916	32,596
1979	3,527	8,777	6,004	16,217	34,524
1980	3,351	8,988	6,056	15,704	34,098
1981	3,294	8,910	6,094	16,142	34,439
1982	3,509	9,320	6,408	14,684	33,921
1983	3,447	9,676	6,599	16,046	35,769
1984	3,517	9,682	7,067	17,960	38,226
1985	3,502	9,908	7,290	17,886	38,586
1986	3,517	10,169	7,488	17,442	38,616
1987	3,397	10,490	7,863	18,919	40,669
1988	3,609	11,657	8,397	22,090	45,753
1989	3,689	11,265	9,293	22,619	46,866
1990	3,560	11,475	9,626	23,436	48,097
1991	3,380	12,436	9,048	23,951	48,815
1992	2,910	11,761	9,189	23,429	47,289
1993	2,962	12,583	9,270	24,288	49,104
1994	2,753	13,296	9,667	25,335	51,051
1995^	2,979	14,101	10,163	26,701	53,964
1996	3,148	14,152	10,883	27,046	55,229
1997	3,033	14,169	10,832	27,825	55,859
1998	2,911	14,584	11,098	28,382	56,975
1999	2,930	15,170	11,717	27,866	57,683
2000	2,956	15,738	12,224	29,043	59,962
2001*	2,995	16,446	20,675	20,396	60,511
2002	2,969	17,478	19,969	21,948	62,364
2003	2,868	17,777	19,849	22,146	62,641
2004	3,251	17,316	20,107	23,187	63,867
2005	3,025	18,744	21,638	23,161	66,567
2006	3,006	19,096	22,261	23,667	68,029
2007	3,067	19,673	22,450	23,967	69,159
2008	3,146	19,343	22,518	24,130	69,137

Table 1A: Electric Consumption for Investor-Owned Utilities

Electric Consumption (Gigawatt-Hours)

Year	Farm	Non-Farm Residential	Commercial	Industrial	Total
1965	207	3,076	1,734	4,360	9,378
1967	224	3,521	2,049	5,660	11,455
1969	238	4,236	2,469	7,392	14,335
1971	257	4,760	2,842	8,378	16,237
1973	267	5,156	3,178	10,318	18,920
1975	286	5,527	3,280	10,199	19,291
1976	294	5,709	3,548	11,046	20,597
1977	301	5,662	3,570	11,227	20,760
1978	298	5,881	3,726	13,487	23,391
1979	314	5,985	3,867	14,697	24,862
1980	317	6,085	3,961	14,120	24,482
1981	345	5,960	3,980	14,473	24,758
1982	361	6,208	4,244	12,915	23,728
1983	354	6,497	4,298	14,198	25,347
1984	358	6,464	4,550	16,053	27,425
1985	352	6,593	4,697	15,909	27,551
1986	350	6,777	4,804	15,298	27,229
1987	334	6,989	5,025	16,710	29,058
1988	347	7,786	5,365	19,664	33,162
1989	339	7,401	6,117	20,067	33,925
1990	344	7,445	6,257	20,818	34,864
1991	359	7,842	5,592	21,089	34,882
1992	116	7,442	5,712	20,425	33,695
1993	119	7,817	5,687	21,061	34,684
1994	77	8,065	5,952	21,886	35,981
1995	78	8,615	6,218	23,099	38,009
1996	78	8,520	6,811	23,231	38,640
1997	76	8,511	6,634	23,768	38,989
1998	74	8,764	6,699	23,993	39,531
1999	75	9,038	6,852	23,494	39,459
2000	74	9,372	7,279	24,270	40,995
2001*	76	9,654	15,516	15,598	40,843
2002	73	10,185	14,650	17,005	41,912
2003	108	10,210	14,479	16,978	41,774
2004	118	9,977	14,791	17,643	42,530
2005	121	10,615	16,228	17,259	44,223
2006	119	10,654	16,624	17,487	44,884
2007	119	10,969	16,733	17,593	45,415
2008	122	10,587	16,676	17,822	45,208

Table 1B: Electric Consumption for Cooperative Utilities

Electric Consumption (Gigawatt-Hours)

Year	Farm	Non-Farm Residential	Commercial	Industrial	Total
1965	1,306	201	150	57	1,714
1967	1,473	259	177	74	1,983
1969	1,696	363	210	149	2,417
1971	1,976	490	264	200	2,930
1973	2,191	635	325	293	3,443
1975	2,590	759	363	338	4,049
1976	2,796	851	395	378	4,421
1977	3,134	722	402	437	4,694
1978	3,059	1,101	389	500	5,049
1979	3,193	1,203	400	563	5,359
1980	3,013	1,317	376	586	5,292
1981	2,927	1,384	392	629	5,332
1982	3,125	1,455	410	657	5,647
1983	3,070	1,474	498	625	5,667
1984	3,136	1,514	672	546	5,868
1985	3,129	1,588	713	556	5,986
1986	3,143	1,672	777	551	6,144
1987	3,040	1,723	844	588	6,196
1988	3,237	1,951	1,091	557	6,836
1989	3,326	1,951	1,173	587	7,036
1990	3,193	2,124	1,226	633	7,177
1991	3,002	2,577	1,298	712	7,590
1992	2,773	2,469	1,328	761	7,331
1993	2,807	2,810	1,419	823	7,859
1994	2,656	3,218	1,460	843	8,178
1995	2,879	3,350	1,609	898	8,736
1996	3,047	3,466	1,740	981	9,235
1997	2,936	3,502	1,821	1,062	9,320
1998	2,814	3,654	2,049	1,125	9,642
1999	2,832	3,896	2,280	1,119	10,127
2000	2,861	4,076	2,301	1,318	10,556
2001	2,900	4,391	2,432	1,346	11,069
2002	2,877	4,781	2,572	1,433	11,662
2003	2,909	4,878	2,614	1,587	11,988
2004	3,110	4,813	2,643	1,776	12,342
2005	2,883	5,429	2,667	1,957	12,937
2006	2,867	5,629	2,784	2,027	13,306
2007	2,923	5,913	2,968	2,154	13,957
2008	3,000	6,009	3,065	2,142	14,215

Table 1 C: Electric Consumption for Municipal Utilities

Electric Consumption (Gigawatt-Hours)

Year	Farm	Non-Farm Residential	Commercial	Industrial	Total
1965	13	759	668	386	1,825
1967	13	852	778	423	2,065
1969	14	989	925	486	2,414
1971	17	1,130	1,080	623	2,849
1973	14	1,238	1,278	699	3,228
1975	16	1,366	1,386	745	3,512
1976	17	1,437	1,530	812	3,796
1977	17	1,471	1,552	898	3,938
1978	19	1,556	1,652	930	4,157
1979	20	1,589	1,737	957	4,303
1980	21	1,586	1,719	998	4,324
1981	22	1,566	1,722	1,040	4,350
1982	23	1,658	1,754	1,113	4,547
1983	23	1,705	1,803	1,224	4,755
1984	23	1,704	1,845	1,361	4,932
1985	22	1,727	1,880	1,421	5,049
1986	23	1,719	1,907	1,593	5,243
1987	23	1,778	1,993	1,621	5,415
1988	24	1,920	1,941	1,869	5,755
1989	23	1,914	2,003	1,965	5,905
1990	23	1,906	2,143	1,984	6,056
1991	20	2,016	2,158	2,150	6,344
1992	21	1,850	2,148	2,244	6,263
1993	37	1,956	2,164	2,404	6,561
1994	20	2,013	2,254	2,606	6,893
1995^	23	2,136	2,336	2,705	7,219
1996	22	2,166	2,331	2,834	7,353
1997	22	2,157	2,376	2,995	7,550
1998	22	2,165	2,349	3,265	7,802
1999	23	2,237	2,585	3,253	8,097
2000	21	2,291	2,644	3,455	8,410
2001	20	2,401	2,727	3,451	8,599
2002	20	2,513	2,747	3,509	8,789
2003	21	2,536	2,778	3,582	8,915
2004	23	2,526	2,674	3,768	8,995
2005	21	2,700	2,743	3,944	9,408
2006	19	2,814	2,853	4,154	9,839
2007	19	2,788	2,759	4,220	9,787
2008	24	2,747	2,777	4,167	9,715

Notes for Table 1 through 1 C

^For 1995, Barnesville Municipal Electric reported total consumption, not consumption by customer class.

*Xcel Energy redefined its commercial and industrial customer classifications in 2001. Commercial = Small Commercial and Industrial requiring less than 1000 kW. Industrial = Large Commercial and Industrial requiring at least 1000 kW.

Table 2: Number of Minnesota Electric Customers

Total Number of Electric Customers for All Minnesota Utilities

Year	Farm	Non-Farm Residential	Commercial	Industrial	Total
1965	182,634	907,946	126,583	6,296	1,223,459
1967	183,968	945,521	128,114	6,295	1,263,898
1969	188,194	994,230	128,791	6,390	1,317,605
1971	193,405	1,041,982	132,487	6,592	1,374,466
1973	199,334	1,100,014	137,467	6,711	1,443,526
1975	210,508	1,143,377	140,298	7,050	1,501,234
1976	214,495	1,168,812	143,221	7,153	1,533,769
1977	245,769	1,165,178	152,962	7,286	1,571,195
1978	227,972	1,223,595	154,089	7,720	1,613,365
1979	223,361	1,265,978	157,247	7,630	1,654,216
1980	213,669	1,300,534	159,499	7,938	1,681,640
1981	214,173	1,323,682	162,882	8,280	1,709,017
1982	216,228	1,336,314	164,789	8,509	1,725,840
1983	217,479	1,361,892	168,586	8,316	1,756,273
1984	218,519	1,385,883	173,001	8,171	1,785,574
1985	217,688	1,402,671	175,653	8,243	1,804,255
1986	219,261	1,429,570	182,959	9,773	1,841,563
1987	220,058	1,469,279	183,175	8,778	1,881,290
1988	221,326	1,505,857	185,693	8,956	1,921,832
1989	227,254	1,520,556	186,773	9,337	1,943,922
1990	226,962	1,546,818	190,508	9,973	1,974,261
1991	192,976	1,591,515	197,845	9,400	1,991,736
1992	177,054	1,616,882	196,290	14,235	2,004,462
1993	170,848	1,650,291	198,256	14,073	2,033,464
1994	154,529	1,701,134	203,786	13,680	2,073,129
1995	165,961	1,732,544	210,695	10,016	2,119,216
1996	174,090	1,747,628	217,803	10,125	2,149,646
1997	173,001	1,788,247	217,731	10,949	2,189,927
1998	173,891	1,814,547	221,844	11,875	2,222,159
1999	169,327	1,853,118	230,521	12,479	2,265,444
2000	171,664	1,877,092	230,334	11,524	2,290,611
2001*	163,043	1,921,332	244,987	5,208	2,334,570
2002	160,310	1,966,536	250,730	5,311	2,382,887
2003	165,383	1,997,741	253,769	6,026	2,422,938
2004	202,926	2,006,585	257,462	7,800	2,474,769
2005	159,956	2,060,519	253,807	7,634	2,481,916
2006	159,874	2,096,224	260,530	7,813	2,524,441
2007	159,926	2,111,580	269,294	8,084	2,548,882
2008	150,702	2,137,605	271,072	8,001	2,567.380

Table 2A: Number of Electric Customers for Investor-Owned Utilities

Year	Farm	Non-Farm Residential	Commercial	Industrial	Total
1965	20,362	673,394	85,140	3,492	782,388
1967	19,682	699,106	84,826	3,650	807,264
1969	18,592	731,149	86,287	3,804	839,832
1971	17,678	759,814	88,277	3,921	869,690
1973	17,055	792,467	90,449	4,147	904,118
1975	16,532	818,759	92,216	4,301	931,808
1976	16,226	832,472	93,619	4,213	946,530
1977	17,108	840,143	102,756	4,475	964,482
1978	16,287	860,957	104,535	4,619	986,398
1979	16,240	882,200	106,274	4,899	1,009,613
1980	16,283	897,461	108,124	5,074	1,026,942
1981	17,388	908,504	110,114	5,123	1,041,129
1982	17,318	915,153	111,468	5,219	1,049,158
1983	17,431	930,135	114,321	5,213	1,067,100
1984	17,223	946,476	116,833	5,347	1,085,879
1985	16,204	953,019	118,113	5,427	1,092,763
1986	16,169	972,878	120,116	5,799	1,114,962
1987	15,867	993,950	123,638	5,970	1,139,425
1988	15,928	1,018,232	125,431	6,239	1,165,830
1989	15,844	1,024,483	125,126	6,496	1,171,949
1990	15,793	1,037,478	128,479	6,911	1,188,661
1991	7,466	1,049,354	131,660	6,776	1,195,256
1992	5,749	1,068,031	128,506	10,701	1,212,987
1993	5,699	1,074,498	129,250	10,928	1,220,375
1994	5,943	1,089,167	132,515	11,034	1,238,659
1995	6,047	1,104,346	137,574	7,322	1,255,289
1996	6,021	1,112,703	141,579	7,353	1,267,656
1997	5,992	1,139,620	140,953	8,073	1,294,638
1998	6,058	1,151,585	143,660	8,529	1,309,832
1999	6,113	1,165,707	152,742	9,036	1,333,598
2000	5,758	1,178,863	145,286	8,122	1,338,029
2001*	6,018	1,195,910	157,203	1,780	1,360,911
2002	2,981	1,222,164	162,223	1,789	1,389,157
2003	4,376	1,235,558	161,518	2,036	1,403,488
2004	5,098	1,255,489	165,030	2,036	1,427,653
2005	5,043	1,243,196	162,502	1,948	1,412,689
2006	4,951	1,262,933	165,581	1,924	1,435,389
2007	4,874	1,273,949	167,747	1,965	1,448,535
2008	4,864	1,281,656	169,440	1,945	1,457,905

Table 2B: Number of Electric Customers for Cooperative Utilities

Year	Farm	Non-Farm Residential	Commercial	Industrial	Total
1965	159,424	73,667	14,403	497	247,991
1967	161,400	80,886	15,138	594	258,018
1969	166,741	91,890	14,218	704	273,553
1971	172,487	106,291	15,319	861	294,958
1973	179,475	123,780	16,516	1,011	320,782
1975	191,235	132,547	17,274	1,239	342,295
1976	197,093	138,870	17,616	1,725	355,304
1977	227,390	122,558	17,846	1,427	369,221
1978	210,382	155,397	15,684	1,808	383,270
1979	205,797	170,926	16,793	1,566	395,082
1980	196,289	189,164	17,628	1,747	404,828
1981	195,677	198,501	18,147	1,988	414,313
1982	197,569	203,107	18,549	1,982	421,207
1983	198,731	210,087	19,367	1,690	429,875
1984	199,924	215,399	20,463	1,272	437,058
1985	200,170	223,644	21,607	1,256	446,677
1986	201,664	233,389	22,282	1,435	458,770
1987	202,725	244,405	23,306	1,219	471,655
1988	203,806	253,648	23,591	996	482,041
1989	209,822	259,124	24,233	1,046	494,225
1990	209,533	270,282	24,590	1,105	505,510
1991	184,694	299,541	28,816	951	514,002
1992	169,765	308,760	29,613	1,390	509,528
1993	161,521	335,390	30,426	1,247	528,584
1994	147,083	358,789	31,204	699	537,775
1995	158,373	371,121	33,094	723	563,311
1996	166,538	374,086	34,234	724	575,582
1997	165,478	385,524	36,117	774	587,893
1998	166,291	397,550	37,329	771	601,943
1999	161,526	418,559	36,443	805	617,333
2000	164,465	425,666	42,115	825	633,071
2001	155,624	446,451	44,393	732	647,200
2002	155,974	461,986	45,386	728	664,074
2003	159,609	474,179	47,404	1,151	682,343
2004	196,423	458,655	46,751	2,621	704,450
2005	153,483	517,433	44,877	2,672	718,465
2006	153,564	529,646	47,899	2,674	733,784
2007	153,195	532,749	55,059	2,778	743,781
2008	143,767	549,733	53,594	2,820	749,914

Table 2C: Number of Electric Customers for Municipal Utilities

Year	Farm	Non-Farm Residential	Commercial	Industrial	Total
1965	2,848	160,885	27,040	2,300	193,073
1967	2,886	165,529	28,149	2,044	198,608
1969	2,861	171,191	28,285	1,875	204,212
1971	3,240	175,877	28,890	1,803	209,810
1973	2,804	183,767	30,501	1,546	218,618
1975	2,741	192,071	30,807	1,503	227,123
1976	1,176	197,470	31,985	1,208	231,927
1977	1,271	202,477	32,359	1,377	237,484
1978	1,303	207,241	33,869	1,286	243,689
1979	1,324	212,852	34,179	1,158	249,513
1980	1,097	213,909	33,746	1,111	249,863
1981	1,108	216,677	34,620	1,163	253,568
1982	1,341	218,054	34,771	1,301	255,467
1983	1,317	221,670	34,897	1,404	259,288
1984	1,372	224,008	35,704	1,543	262,627
1985	1,314	226,008	35,932	1,551	264,805
1986	1,428	223,303	40,560	2,530	267,821
1987	1,466	230,924	36,230	1,580	270,200
1988	1,592	233,977	36,670	1,712	273,951
1989	1,588	236,949	37,413	1,786	277,738
1990	1,636	239,058	37,438	1,948	280,080
1991	816	242,620	37,368	1,664	282,468
1992	1,540	240,091	38,168	2,137	281,937
1993	3,628	240,403	38,578	1,894	284,499
1994	1,503	253,178	40,067	1,943	296,691
1995	1,541	257,077	40,026	1,968	300,612
1996	1,531	260,839	41,990	2,048	306,408
1997	1,531	263,103	40,657	2,093	307,383
1998	1,542	265,412	40,853	2,567	310,374
1999	1,688	268,852	41,331	2,630	314,500
2000	1,441	272,563	42,933	2,577	319,511
2001	1,401	278,971	43,391	2,696	326,459
2002	1,355	282,386	43,121	2,794	329,656
2003	1,398	288,004	44,847	2,839	337,107
2004	1,405	292,441	45,681	3,143	342,666
2005	1,430	299,890	46,428	3,014	350,762
2006	1,359	303,645	47,050	3,215	355,257
2007	1,184	305,468	46,575	3,341	356,566
2008	2,071	306,216	48,038	3,236	359,561

Note for Table 2 through 2C
*Xcel Energy redefined its commercial and industrial customer classifications in 2001.
Commercial = Small Commercial and Industrial requiring less than 1000 kW.
Industrial = Large Commercial and Industrial requiring at least 1000 kW.

Table 3: Minnesota Electric Sales Revenue

Total Electric Sales Revenue for Minnesota ($1,000)

Year	Farm	Non-Farm Residential	Commercial	Industrial	Total
1984	232,027	611,797	390,742	786,113	2,020,679
1985	236,127	631,401	409,851	791,767	2,069,146
1986	237,084	650,794	460,137	779,793	2,127,808
1987	235,338	683,285	454,258	846,161	2,219,041
1988	244,458	785,261	500,716	924,932	2,455,367
1989	246,765	754,543	533,586	926,797	2,461,692
1990	243,489	805,504	572,487	1,005,617	2,627,096
1991	229,340	860,661	548,827	1,019,014	2,657,842
1992	196,865	791,726	536,962	994,308	2,519,861
1993	190,991	892,646	566,233	1,069,229	2,719,098
1994	185,170	955,753	601,097	1,105,409	2,848,923
1995	197,573	1,030,079	634,946	1,153,268	3,015,867
1996	204,889	1,031,011	668,436	1,156,750	3,061,085
1997	199,101	1,046,107	676,971	1,207,639	3,129,818
1998	195,014	1,083,805	698,625	1,266,957	3,244,402
1999	195,866	1,141,166	737,432	1,275,500	3,349,963
2000	203,207	1,197,915	778,742	1,322,920	3,502,784
2001*	206,953	1,268,771	1,250,166	933,914	3,659,804
2002	215,701	1,315,785	1,186,304	922,033	3,639,822
2003	220,125	1,363,179	1,223,555	974,907	3,781,163
2004	231,918	1,394,390	1,264,713	1,076,959	3,970,234
2005	233,169	1,564,770	1,461,450	1,130,853	4,392,460
2006	238,616	1,670,059	1,539,034	1,246,306	4,696,269
2007	251,207	1,844,176	1,697,282	1,371,014	5,165,909
2008*	269,694	1,912,804	1,772,189	1,426,621	5,411,041

* Customer class total amounts do not add up to Total amount because Two Harbors Municipal (I D 119) did not provide revenue by customer class.

Table 3A: Electric Sales Revenue for Investor-Owned Utilities

Electric Sales Revenue ($1,000)

Year	Farm	Non-Farm Residential	Commercial	Industrial	Total
1984	20,009	398,105	250,782	687,480	1,356,377
1985	20,727	407,556	257,782	690,248	1,376,313
1986	20,825	423,028	304,285	673,289	1,421,426
1987	19,660	442,578	286,873	740,501	1,489,613
1988	20,878	514,687	315,582	808,983	1,660,130
1989	19,912	480,220	337,250	801,167	1,638,549
1990	22,370	518,143	367,859	874,366	1,782,738
1991	23,072	533,082	337,806	874,923	1,768,884
1992	7,082	504,114	340,177	855,644	1,707,017
1993	7,311	558,342	353,902	915,252	1,834,806
1994	5,073	583,344	371,386	938,232	1,898,036
1995	5,200	641,934	393,842	982,290	2,023,264
1996	5,489	638,779	422,022	977,195	2,043,486
1997	5,645	653,611	423,229	1,022,192	2,104,678
1998	5,600	677,718	431,912	1,064,415	2,179,645
1999	5,528	707,299	445,387	1,074,562	2,232,775
2000	5,630	729,660	471,002	1,098,337	2,304,628
2001*	5,951	763,300	923,252	703,791	2,396,294
2002	5,995	770,046	846,702	687,852	2,310,596
2003	8,019	788,096	869,130	724,342	2,389,588
2004	9,107	792,583	910,181	790,697	2,502,569
2005	6,929	854,294	1,064,233	748,199	2,673,655
2006	9,636	949,265	1,143,180	902,899	3,004,980
2007	9,589	1,056,061	1,258,527	991,607	3,315,784
2008	10,193	1,051,026	1,286,366	1,017,615	3,365,200

Table 3B: Electric Sales Revenue for Cooperative Utilities

Electric Sales Revenue ($1,000)

Year	Farm	Non-Farm Residential	Commercial	Industrial	Total
1984	210,781	128,567	48,928	35,715	423,991
1985	213,724	131,323	52,551	34,480	432,078
1986	214,988	137,223	56,345	33,589	442,145
1987	214,416	144,954	62,458	33,937	455,765
1988	222,219	162,697	77,217	32,587	494,720
1989	225,500	164,166	81,842	33,791	505,299
1990	219,750	174,661	83,194	35,912	513,518
1991	205,144	208,957	88,184	40,079	542,364
1992	188,393	187,884	86,127	41,610	504,014
1993	181,233	221,491	90,721	44,875	538,320
1994	178,644	245,366	93,880	42,452	560,342
1995	190,740	253,351	100,634	43,430	588,154
1996	197,823	256,263	106,434	44,613	605,133
1997	191,918	255,834	110,557	46,797	605,106
1998	187,887	266,397	122,436	50,759	627,479
1999	188,579	288,666	137,147	48,039	662,432
2000	196,099	313,456	143,050	58,110	710,714
2001	199,569	340,202	154,074	59,160	753,006
2002	208,224	371,741	166,143	63,052	809,160
2003	210,509	393,194	171,787	71,928	847,414
2004	221,083	418,354	176,218	89,270	904,926
2005	221,536	467,141	180,506	101,451	970,633
2006	227,169	498,239	193,056	103,290	1,021,754
2007	236,808	544,095	214,812	116,727	1,112,443
2008	257,417	606,152	243,251	131,953	1,238,744

Table 3C: Electric Sales Revenue for Municipal Utilities

Electric Sales Revenue ($1,000)

Year	Farm	Non-Farm Residential	Commercial	Industrial	Total
1984	1,236	85,125	91,032	62,918	240,311
1985	1,676	92,521	99,519	67,039	260,755
1986	1,271	90,542	99,508	72,915	264,236
1987	1,262	95,752	104,928	71,722	273,664
1988	1,360	107,877	107,917	83,363	300,518
1989	1,353	110,158	114,493	91,839	317,843
1990	1,369	112,699	121,433	95,338	330,840
1991	1,123	118,622	122,838	104,012	346,594
1992	1,390	99,728	110,658	97,054	308,830
1993	2,448	112,813	121,610	109,101	345,972
1994	1,453	127,043	135,832	124,726	390,545
1995	1,633	134,795	140,471	127,549	404,448
1996	1,577	135,969	139,980	134,942	412,467
1997	1,538	136,662	143,185	138,650	420,035
1998	1,527	139,690	144,278	151,783	437,277
1999	1,597	145,363	154,897	152,899	454,756
2000	1,479	154,799	164,690	166,473	487,441
2001	1,433	165,269	172,839	170,963	510,505
2002	1,482	173,997	173,459	171,128	520,066
2003	1,598	181,888	182,638	178,638	544,161
2004	1,728	183,452	178,313	196,992	562,739
2005	2,245	204,845	192,531	218,771	620,611
2006	1,812	222,556	202,798	240,117	669,535
2007	1,662	246,358	224,752	262,680	737,682
2008	2,084	255,625	242,572	277,052	807,097

* Customer class total amounts do not add up to Total amount because Two Harbors Municipal (ID 119) did not provide revenue by customer class.

Note for Table 3 through 3C

*Xcel Energy redefined its commercial and industrial customer classifications in 2001.

Commercial = Small Commercial and Industrial requiring less than 1000 kW.

Industrial = Large Commercial and Industrial requiring at least 1000 kW.

Table 4: Minnesota Electric Consumption by Utility

2008 Electric Consumption for Investor-Owned Utilities (Megawatt-Hours)

2008	Farm	Non-Farm Residential	Commercial	Industrial	Total
Alliant Energy-Interstate Power & Light Co	35,010	288,773	184,714	363,956	872,453
Minnesota Power	44,432	1,035,495	1,321,218	6,737,333	9,138,388
Northwestern Wisconsin Elec Co	160	191	180	0	531
Otter Tail Power Company	42,729	565,624	311,771	1,271,861	2,191,185
Xcel Energy	0	8,696,644	14,858,535	9,449,345	33,004,524
Total: Investor-Owned Utilities	**122,241**	**10,586,727**	**16,676,418**	**17,822,495**	**45,207,881**

2008 Electric Consumption for Cooperative Utilities (Megawatt-Hours)

2008	Farm	Non-Farm Residential	Commercial	Industrial	Total
Dairyland Power Cooperative					
Heartland Power Cooperative	912	90	0	0	1,002
Freeborn Mower Coop Services	0	108,013	76,400	18,986	203,399
Peoples Coop Power Assoc., Inc.	48,907	146,906	40,956	1,814	238,583
Tri-Co Electric Cooperative	173,566	1,970	38,388	54,376	268,300
Total: Dairyland Power Cooperative	**223,385**	**256,979**	**155,744**	**75,176**	**711,284**
East River Electric Cooperative					
H-D Electric Cooperative, Inc.	0	204	0	0	204
Lyon-Lincoln Electric Cooperative	61,668	8,932	*	*	88,953
Renville Sibley Coop Power Assn	49,763	3,829	2,991	107,393	163,976
Traverse Electric Cooperative	30,667	1,622	*	*	41,125
Total: East River Electric Cooperative	**142,098**	**14,587**	**28,650**	**108,923**	**294,258**

2008 Electric Consumption for Cooperative Utilities, Continued

2008	Farm	Non-Farm Residential	Commercial	Industrial	Total
Great River Energy					
Agralite	95,220	4,379	47,531	57,182	204,312
Arrowhead Electric Cooperative	0	42,246	25,130	0	67,376
BENCO Electric Cooperative	86,151	88,403	86,598	0	261,152
Connexus Energy	9,092	1,160,886	748,802	106,889	2,025,669
Brown Co Rural Electric Assn	66,800	1,451	16,617	57,538	142,406
Coop Lt & Pwr Assoc of Lake Co	0	53,547	*	*	93,926
Crow Wing Coop Power & Light	60,200	390,374	154,049	0	604,623
Dakota Electric Association	12,519	931,330	63,579	855,002	1,862,430
East Central Energy	3,388	509,354	270,898	102,122	885,762
Federated Rural Electric Assn	79,287	4,958	48,665	105,098	238,008
Goodhue Co Coop Electric Assn	52,059	30,858	4,884	931	88,732
Itasca-Mantrap Coop Electric	6,243	129,534	*	*	213,230
Kandiyohi Power Cooperative	30,211	77,501	41,985	4,014	153,711
Lake Country Power		497,238	*	*	628,643
Lake Region Coop Electric Assc	124,478	190,294	62,689	36,372	413,833
McLeod Coop Power Association	112,082		12,899	65,132	190,113
Meeker Coop Light & Power Assn	65,530	76,698	26,581	4,370	173,179
Mille Lacs Electric Cooperative	239	119,841	46,653	27,297	194,030
Minnesota Valley Electric Coop	0	396,307	271,315	0	667,622
Nobles Coop Electric	95,083	989	19,807	40,947	156,826
North Itasca Electric Cooperative	0	41,551	*	*	53,551
Redwood Electric Cooperative	45,695	2,791	8,965		57,451
Runestone Electric Association	78,536	109,751	22,735	9,057	220,079
South Central Electric Assn	68,454		32,307	83,769	184,530
Stearns Coop Electric Assn	141,420	223,852	75,694	20,544	461,510
Steele Waseca Coop Electric	115,865	1,780	36,976	83,149	237,770
Todd Wadena Electric Coop	131,842	3,754	20,994	5,312	161,902
Wright Hennepin Coop Elec Assn	76,175	443,922	303,742	66,195	890,034
Total: Great River Energy	**1,556,569**	**5,533,589**	**2,620,387**	**1,821,865**	**11,532,410**

2008 Electric Consumption for Cooperative Utilities, Continued

2008	Farm	Non-Farm Residential	Commercial	Industrial	Total
Minnkota Power Cooperative					
Beltrami Electric Cooperative	313,675	1,840	74,818	0	390,333
Clearwater-Polk Electric Coop	0	68,541	10,294	0	78,835
North Star Electric Cooperative	83,076	2,052	36,719	0	121,847
PKM Electric Cooperative, Inc	69,141	0	24,006	0	93,147
Red Lake Electric Cooperative	102,602	0	*	*	130,833
Red River Valley Coop Power	100,311	0	30,061	0	130,372
Roseau Electric Cooperative	115,542	4,943	18,196	30,152	168,833
Wild Rice Electric Cooperative	183,000	41,000	*	*	261,500
Total: Minnkota Power Cooperative	**967,347**	**118,376**	**239,426**	**50,551**	**1,375,700**
Other Cooperatives					
Iowa Lakes Electric Cooperative	0	242	124	0	366
Minnesota Valley Coop Lt & Pwr	111,715	12,991	16,076	54,487	195,269
Sioux Valley Southwestern	67,984	2,915	4,671	30,518	106,088
Total: Other Cooperatives	**179,699**	**16,148**	**20,871**	**85,005**	**301,723**
Total: Cooperatives	**3,069,098**	**5,939,679**	**3,065,078**	**2,141,520**	**14,215,375**

2008 Minnesota Electric Consumption for Municipal Utilities

2008	Farm	Non-Farm Residential	Commercial	Industrial	Total
Central Minnesota Municipal Power Agency					
Blue Earth Light & Water Dept	0	13,535	6,575	35,123	55,233
Delano Municipal Utilities	0	17,324	5,402	28,207	50,933
Fairfax Municipal	78	6,809	3,760	2,215	12,862
Glencoe Light & Power Comm	0	21,024	28,493	25,117	74,634
Granite Falls, City of	0	12,052	15,023	2,092	29,167
Janesville Municipal Utility	0	6,926	3,667	0	10,593
Kasson City of	0	18,507	12,235	0	30,742
Kenyon Municipal Utilities	0	6,202	3,471	6,763	16,436
Lake Crystal Municipal	159	8,075	8,477	0	16,711
Madelia Municipal Light & Power	0	7,604	11,406	9,323	28,333
Mountain Lake Muni. Util.	1,261	7,363	5,070	7,998	21,692
New Ulm Public Utilities	0	43,567	73,778	83,948	201,293
Sleepy Eye Public Utility	0	13,308	14,112	18,480	45,900
Springfield Public Utilities	0	8,423	5,499	10,297	24,219
Truman Municipal Utility	131	3,845	1,512	7,576	13,064
Windom Municipal Utility	0	19,578	16,136	32,389	68,103
Total: CMMPA	**1,629**	**214,142**	**214,616**	**269,528**	**699,915**
Heartland Consumers Power District					
Marshall Municipal Utilities	0	64,803	36,497	501,475	602,775
Tyler Municipal Light & Power	201	10,391	2,522	0	13,114
Total: Heartland	**201**	**75,194**	**39,019**	**501,475**	**615,889**
Minnesota Municipal Power Agency					
Anoka City of	0	74,863	86,667	108,983	270,513
Arlington City of	0	8,225	*	*	18,941
Brownton Municipal Light & Power	0	3,713	723	458	4,894
City of Chaska-Utility Dept	0	74,330	19,121	192,198	285,649
Le Sueur Municipal Utilities	625	14,058	9,229	75,893	99,805
North St Paul City of	0	40,765	32,228	0	72,993
Olivia City of	0	12,329	4,931	12,840	30,100
Shakopee Public Utilities	606	126,779	12,368	253,157	392,910
Winthrop City of	178	5,501	*	*	16,696
Total: MMPA	**1,409**	**360,563**	**178,624**	**651,905**	**1,192,501**

2008 Minnesota Electric Consumption for Municipal Utilities, Continued

2008	Farm	Non-Farm Residential	Commercial	Industrial	Total
Missouri River Energy Services					
Adrian Public Utilities	0	6,908	6,928	310	14,146
Alexandria Light & Power	0	72,573	39,820	160,053	272,446
Barnesville Municipal Electric	102	16,278	3,120	2,602	22,102
Benson Municipal Utilities	*	15,409	7,323	*	36,383
Breckenridge Public Utilities	0	20,906	10,724	12,168	43,798
Detroit Lakes Public Utility	0	67,033	32,338	79,768	179,139
Elbow Lake Municipal Electric	0	6,778	10,830	0	17,608
Henning Electric Department	0	3,764	4,781	0	8,545
Jackson Electric Light & Power	0	13,939	5,862	26,411	46,212
Lake Park Public Utilities	0	4,487	3,250	0	7,737
Lakefield City of	18	7,606	6,563	0	14,187
Luverne Public Utilities	115	18,372	11,549	44,749	74,785
Madison Municipal Utilities	0	8,729	8,189	1,011	17,929
Moorhead Public Service	0	164,639	40,799	214,416	419,854
Ortonville City of	0	14,463	14,782	0	29,245
St. James City of	*	18,916	26,815	*	63,915
Sauk Centre Public Utilities	0	20,149	12,032	32,532	64,713
Staples City of	0	9,658	7,236	5,842	22,736
Wadena Light & Water	0	23,109	7,574	40,051	70,734
Westbrook Muni Light & Power	256	4,113	1,616	1,731	7,716
Worthington Municipal Power	0	35,549	63,541	96,201	195,291
Total: MRES	**537**	**553,378**	**325,672**	**749,634**	**1,629,221**
Northern Municipal Power Agency					
Bagley Public Utility	0	8,234	4,870	14,816	27,920
Baudette City of	0	4,729	*	*	22,550
Fosston Municipal Utility	0	11,586	*	*	35,413
Halstad Municipal Utilities	0	5,055	4,645	0	9,700
Hawley Public Utilities	0	11,085	9,316	0	20,401
Roseau Municipal Water & Light	0	15,964	28,310	0	44,274
Stephen Electric Dept	0	4,139	5,004	0	9,143
Thief River Falls Muni Utilities	0	46,111	57,222	37,564	140,897
Warren City of	0	6,418	8,387	0	14,805
Warroad Municipal Light & Power	0	8,716	15,188	34,622	58,526
Total: NMPA	**0**	**122,037**	**160,471**	**101,121**	**383,629**

2008 Minnesota Electric Consumption for Municipal Utilities, Continued

2008	Farm	Non-Farm Residential	Commercial	Industrial	Total
Other Municipals					
Ada Water & Light Dept	0	10,030	7,305	3,709	21,044
Aitkin Public Utilities	0	13,500	6,907	16,304	36,711
Alpha City of	53	750	631	0	1,434
Alvarado Electric Dept	560	2,435	592	0	3,587
Bigelow City of	438	838	415	1,300	2,991
Biwabik Water Light & Power	0	4,306	2,784	0	7,090
Brainerd Public Utilities	0	48,623	73,795	110,605	233,023
Brewster Electric Light & Power	68	2,087	798	493	3,446
Buffalo City of	7	37,203	54,648	10,120	101,978
Buhl Pub Utilities	0	3,923	4,050	0	7,973
Caledonia Muni Light & Power	76	10,190	7,086	7,522	24,874
Ceylon Public Utilities	0	1,786	840	0	2,626
Darwin Electric Dept	0			0	0
Dundee Electric Utility	0	450	244	0	694
Dunnell Electric Department	0	654	652	0	1,306
East Grand Forks Water & Light	0	38,132	36,074	79,693	153,899
Eitzen Public Utilities	0	1,578	469	342	2,389
Elk River Municipal Utilities	200	76,201	21,370	126,455	224,226
Ely Water & Light Dept	0	18,000	19,000	0	37,000
Gilbert Water & Light	6,372	3,151	*	*	10,822
Grand Rapids Public Utilities	0	48,697	97,442	23,935	170,074
Grove City Electric Dept	0	4,000	3,890	0	7,890
Harmony Electric Dept	0	4,438	4,783	456	9,677
Hibbing Public Utilities Comm	0	50,967	64,617	19,949	135,533
Hutchinson Utilities Commission	0	52,269	18,818	239,333	310,420
Kandiyohi Municipal Utilities	0	3,147	1,156	0	4,303
Kasota Electric Light	0	3,180	0	0	3,180
Keewatin Public Utilities	0	5,666	609	0	6,275
Lanesboro Public Utilities	0	2,561	3,521	0	6,082
Mabel City of	0	2,667	2,698	0	5,365
Melrose Public Utilities	2,627	19,683	8,121	79,481	109,912
Moose Lake Water & Light Comm	0	5,972	13,243	11,033	30,248
Mountain Iron Water & Light	0	10,692	9,058	1,547	21,297
Nashwauk Public Utilities	0	4,491	4,645	0	9,136
Newfolden Electric	0	2,341	2,592	0	4,933
Nielsville Village Light System	0	377	174	0	551
Peterson Public Utilities	0	1,504	147	0	1,651
Pierz Utilities	0	7,747	1,709	19	9,475

2008 Minnesota Electric Consumption for Municipal Utilities, Continued

2008	Farm	Non-Farm Residential	Commercial	Industrial	Total
Other Municipals (continued)					
Proctor Public Utilities	0	12,807	*	*	24,686
Randall City of	*	3,360	2,079	*	5,509
Round Lake Electric Dept	0	1,889	763	5,331	7,983
Rushford City of	0	6,079	6,388	287	12,754
Rushmore City of	0	1,683	467	0	2,150
Shelly Municipal Light Dept.	0	1,802	724	0	2,526
Spring Grove Municipal Electric	0	4,511	4,813	4,916	14,240
St Charles Light & Water	*	12,313	11,184	*	33,226
Two Harbors City of	0	11,282	4,934	14,004	30,220
Virginia Dept of Public Utilities	0	36,382	63,301	0	99,683
Whalen City of	0	351	0	0	351
Willmar Municipal Utilities	0	67,566	96,127	120,590	284,283
Total: Other Municipals	**10,475**	**664,261**	**674,609**	**891,381**	**2,240,726**
Southern Minnesota Municipal Power Agency					
Austin Utilities	5,999	73,817	*	*	339,188
Blooming Prairie Utilities	0	6,748	17,425	0	24,173
Fairmont Public Utilities	3,770	38,880	57,161	58,213	158,024
Grand Marais Public Utilities	0	8,130	15,779	0	23,909
Lake City Utility Board	54	19,041	18,076	103,761	140,932
Litchfield Public Utilities	66	35,607	41,117	39,326	116,116
Mora Municipal Electric Utility	0	11,822	9,361	33,083	54,266
New Prague Municipal Utilities	0	17,830	8,376	39,003	65,209
North Branch Muni Water & Light	0	11,641	*	*	29,405
Owatonna Public Utilities	0	83,516	104,571	193,818	381,905
Preston Public Utilities	25	5,580	3,642	3,582	12,829
Princeton Public Utilities	0	15,876	14,194	21,428	51,498
Redwood Falls Public Utilities	0	30,751	19,825	22,851	73,427
Rochester Public Utilities	0	328,030	656,245	306,828	1,291,103
Spring Valley Pub Utilities Comm	0	8,508	11,604	0	20,112
St Peter Municipal Utilities	0	26,655	36,703	24,998	88,356
Waseca Utility	0	26,843	10,543	27,129	64,515
Wells Public Utilities	0	8,287	10,074	0	18,361
Total: SMMPA	**9,914**	**757,562**	**1,183,832**	**1,002,020**	**2,953,328**
Total: Municipal Utilities	**24,165**	**2,747,137**	**2,776,843**	**4,167,064**	**9,715,209**
Total: Minnesota	**3,215,504**	**19,273,543**	**22,518,339**	**24,131,079**	**69,138,465**

Note for Table 4

* Withheld to avoid disclosure of individual company data. Data included in totals.

Table 5: Number of Minnesota Electric Customers by Utility

2008 Number of Minnesota Electric Customers for Investor-Owned Utilities

2008	Farm	Non-Farm Residential	Commercial	Industrial	Total
Investor-Owned Utilities					
Alliant Energy-Interstate Power & Light Co	1,572	34,527	7,108	277	43,484
Minnesota Power	1,803	117,498	21,798	431	141,530
Northwestern Wisconsin Elec Co	32	40	22	0	94
Otter Tail Power Company	1,457	47,430	9,723	754	59,364
Xcel Energy	0	1,082,161	130,789	483	1,213,433
Total: Investor-Owned Utilities	**4,864**	**1,281,656**	**169,440**	**1,945**	**1,457,905**

2008 Number of Minnesota Electric Customers for Cooperative Utilities

2008	Farm	Non-Farm Residential	Commercial	Industrial	Total
Dairyland Power Cooperative					
Heartland Power Cooperative	37	5	0	0	42
Freeborn Mower Coop Services	0	5,899	87	8	5,994
Peoples Coop Power Assoc., Inc.	2,498	12,651	464	2	15,615
Tri Co Electric Cooperative	10,914	1,528	394	2	12,838
Total: Dairyland Power Coop	**13,449**	**20,083**	**945**	**12**	**34,489**
East River Electric Cooperative					
H-D Electric Cooperative, Inc.	0	8	0	0	8
Lyon-Lincoln Electric Cooperative	3,147	524	298	1	3,970
Renville Sibley Coop Power Assn	1,713	181	56	6	1,956
Traverse Electric Cooperative	1,306	348	77	1	1,732
Total: East River Electric Cooperative	**6,166**	**1,061**	**431**	**8**	**7,666**

Number of Minnesota Electric Customers for Cooperative Utilities in 2008, Continued

2008	Farm	Non-Farm Residential	Commercial	Industrial	Total
Great River Energy					
Agralite Cooperative	3,766	650	217	3	4,636
Arrowhead Electric Cooperative	0	3,614	416	0	4,030
BENCO Electric Cooperative	6,109	6,773	615	0	13,497
Connexus Energy	323	112,455	10,250	13	123,041
Brown County Rural Electric Assn	3,218	111	491	69	3,889
Coop Lt & Power Assoc of Lake Co	0	5,447	549	1	5,997
Crow Wing Coop Power & Light	1,075	38,289	2,161	0	41,525
Dakota Electric Association	312	93,176	4,586	2,461	100,535
East Central Energy	111	47,353	4,872	10	52,346
Federated Rural Electric Assn	3,811	712	469	4	4,996
Goodhue Co Coop Electric Assn	2,292	2,301	231	8	4,832
Itasca0Mantrap Coop Electric	241	10,159	813	1	11,214
Kandiyohi Power Cooperative	1,735	5,342	972	2	8,051
Lake Country Power	0	45,064	3,121	2	48,187
Lake Region Coop Electric Assc	6,642	17,237	2,135	2	26,016
McLeod Coop Power Association	6,247	0	296	5	6,548
Meeker Coop Light & Power Assn	2,786	5,300	583	2	8,671
Mille Lacs Electric Cooperative	20	13,435	1,100	78	14,633
Minnesota Valley Electric Coop	0	30,498	3,200	0	33,698
Nobles Cooperative Electric	4,359	469	268	2	5,098
North Itasca Electric Cooperative	0	4,862	343	1	5,206
Redwood Electric Cooperative	2,067	241	171	0	2,479
Runestone Electric Association	4,558	8,196	698	3	13,455
South Central Electric Assn	3,501	0	404	3	3,908
Stearns Cooperative Electric Assn	4,692	17,947	1,453	5	24,097
Steele Waseca Coop Electric	8,209	543	476	10	9,238
Todd Wadena Electric Cooperative	6,963	966	384	2	8,315
Wright Hennepin Coop Elec Assn	2,964	38,065	5,077	9	46,115
Total: Great River Energy	**76,001**	**509,205**	**46,351**	**2,696**	**634,253**

Number of Minnesota Electric Customers for Cooperative Utilities in 2008, Continued

2008	Farm	Non-Farm Residential	Commercial	Industrial	Total
Minnkota Power Cooperative					
Beltrami Electric Cooperative	17,800	803	1,372	0	19,975
Clearwater-Polk Electric Coop	0	4,067	310	0	4,377
North Star Electric Cooperative	4,568	1,187	586	0	6,341
PKM Electric Cooperative, Inc	3,339	0	273	0	3,612
Red Lake Electric Cooperative	0	4,780	332	51	5,163
Red River Valley Coop Power	4,231	0	538	0	4,769
Roseau Electric Cooperative	5,690	373	306	2	6,371
Wild Rice Electric Cooperative	8,999	3,961	703	1	13,664
Total: MP Cooperative	**44,627**	**15,171**	**4,420**	**54**	**64,272**
Other Cooperatives					
Iowa Lakes Electric Cooperative	0	16	5	0	21
Minnesota Valley Coop Lt & Power	4,332	683	258	3	5,276
Sioux Valley Southwestern	2,531	175	184	47	2,937
Total: Other Cooperatives	**6,863**	**874**	**447**	**50**	**8,234**
Total: Cooperatives	**147,106**	**546,394**	**52,594**	**2,820**	**748,914**

2008 Number of Minnesota Electric Customers for Municipal Utilities

2008	Farm	Non-Farm Residential	Commercial	Industrial	Total
Central Minnesota Municipal Power Agency					
Blue Earth Light & Water Dept	0	1,676	334	65	2,075
Delano Municipal Utilities	0	1,981	312	84	2,377
Fairfax Municipal	4	561	106	6	677
Glencoe Light & Power Comm	0	2,406	376	2	2,784
Granite Falls City of	0	1,378	232	6	1,616
Janesville Municipal Utility	0	1,074	407	0	1,481
Kasson City of	0	2,265	253	0	2,518
Kenyon Municipal Utilities	0	832	120	26	978
Lake Crystal Municipal	17	1,038	181	0	1,236
Madelia Municipal Light & Power	0	1,025	209	11	1,245
Mountain Lake Municipal Utilities	38	852	177	12	1,079
New Ulm Public Utilities	0	5,956	1,061	8	7,025
Sleepy Eye Public Utility	0	1,489	393	14	1,896
Springfield Public Utilities	0	995	239	18	1,252
Truman Municipal Utility	12	480	112	26	630
Windom Municipal Utility	0	2,051	360	22	2,433
Total: CMMPA	**71**	**26,059**	**4,872**	**300**	**31,302**
Heartland Consumers Power District					
Marshall Municipal Utilities	0	5,479	908	84	6,471
Tyler Municipal Light & Power	11	575	138	0	724
Total: Heartland	**11**	**6,054**	**1,046**	**84**	**7,195**
Minnesota Municipal Power Agency					
Anoka City of	0	10,477	1,313	17	11,807
Arlington City of	0	943	160	1	1,104
Brownton Municipal Light & Power	0	336	44	6	386
City of Chaska-Utility Dept.	0	8,160	770	245	9,175
LeSueur Municipal Utilities	19	1,816	299	61	2,195
North St Paul City of	0	5,695	643	0	6,338
Olivia City of	0	1,061	190	64	1,315
Shakopee Public Utilities	17	14,150	996	462	15,625
Winthrop City of	12	667	117	2	798
Total: MMPA	**48**	**43,305**	**4,532**	**858**	**48,743**

Number of Minnesota Electric Customers for Municipal Utilities, Continued

2008	Farm	Non-Farm Residential	Commercial	Industrial	Total
Missouri River Energy Services					
Adrian Public Utilities	0	539	115	2	656
Alexandria Light & Power	0	7,482	1,620	180	9,282
Barnesville Municipal Electric	3	1,107	105	18	1,233
Benson Municipal Utilities	3	1,533	235	52	1,823
Breckenridge Public Utilities	0	1,525	280	20	1,825
Detroit Lakes Public Utility	0	5,516	1,084	111	6,711
Elbow Lake Municipal Electric	0	670	115	0	785
Henning Electric Dept	0	583	146	0	729
Jackson Electric Light & Power	0	1,584	258	47	1,889
Lake Park Public Utilities	0	391	67	0	458
Lakefield City of	2	858	155	0	1,015
Luverne Public Utilities	4	1,886	325	118	2,333
Madison Municipal Utilities	0	827	176	8	1,011
Moorhead Public Service	0	14,405	1,805	100	16,310
Ortonville City of	0	1,075	253	0	1,328
St. James City of	3	1,873	377	1	2,254
Sauk Centre Public Utilities	0	1,940	372	74	2,386
Staples City of	0	1,032	206	7	1,245
Wadena Light & Water	0	2,071	448	99	2,618
Westbrook Muni Light & Power	19	323	91	2	435
Worthington Municipal Power	0	4,462	793	7	5,262
Total: MRES	**34**	**51,682**	**9,026**	**846**	**61,588**
Northern Municipal Power Agency					
Bagley Public Utility	0	549	152	66	767
Baudette City of	0	572	211	1	784
Fosston Municipal Utility	0	715	300	12	1,027
Halstad Municipal Utilities	0	274	60	0	334
Hawley Public Utilities	0	886	198	0	1,084
Roseau Municipal Water & Light	0	1,113	280	0	1,393
Stephen Electric Dept	0	292	94	0	386
Thief River Falls Municipal Utilities	0	3,754	700	31	4,485
Warren City of	0	671	170	0	841
Warroad Municipal Light & Power	0	751	143	4	898
Total: NMPA	**0**	**9,577**	**2,308**	**114**	**11,999**

Number of Minnesota Electric Customers for Municipal Utilities, Continued

2008	Farm	Non-Farm Residential	Commercial	Industrial	Total
Other Municipals					
Ada Water & Light Dept	0	849	185	34	1,068
Aitkin Public Utilities	0	1,408	280	63	1,751
Alpha City of	2	60	14	0	76
Alvarado Electric Dept	5	190	38	0	233
Bigelow City of	21	95	30	7	153
Biwabik Water Light & Power	0	522	101	0	623
Brainerd Public Utilities	0	6,459	1,305	32	7,796
Brewster Electric Light & Power	4	220	32	2	258
Buffalo City of	2	4,565	745	15	5,327
Buhl Public Utilities	0	540	47	0	587
Caledonia Municipal Light & Power	7	1,331	253	23	1,614
Ceylon Public Utilities	0	166	79	0	245
Darwin Electric Dept	0	0	0	0	0
Dundee Electric Utility	0	50	16	0	66
Dunnell Electric Department	0	92	29	0	121
East Grand Forks Water & Light Dept	0	3,561	512	10	4,083
Eitzen Public Utilities	0	136	19	3	158
Elk River Municipal Utilities	19	8,106	904	174	9,203
Ely Water & Light Dept	0	1,736	333	0	2,069
Gilbert Water & Light	916	77	1	1	995
Grand Rapids Public Utilities	0	5,467	1,430	5	6,902
Grove City Electric Dept	0	357	74	0	431
Harmony Electric Dept	0	515	149	8	672
Hibbing Public Utilities Commission	0	6,113	904	16	7,033
Hutchinson Utilities Commission	0	6,060	782	131	6,973
Kandiyohi Municipal Utilities	0	265	35	0	300
Kasota Electric Light	0	343	0	0	343
Keewatin Public Utilities***	0	516	16	0	532
Lanesboro Public Utilities	0	399	149	0	548
Mabel City of	0	387	90	0	477
Melrose Public Utilities	55	1,289	224	55	1,623
Moose Lake Water & Light Comm	0	765	279	2	1,046
Mountain Iron Water & Light	0	1,107	120	6	1,233
Nashwauk Public Utilities	0	476	60	0	536
Newfolden Electric	0	182	56	0	238
Nielsville Village Light System	0	50	7	0	57
Peterson Public Utilities	0	109	6	0	115
Pierz Utilities	0	560	111	5	676

Number of Minnesota Electric Customers for Municipal Utilities, Continued

2008	Farm	Non-Farm Residential	Commercial	Industrial	Total
Other Municipals(continued)					
Proctor Public Utilities	0	1,285	88	1	1,374
Randall City of	1	256	48	2	307
Round Lake Electric Dept	0	221	35	2	258
Rushford City of	0	784	125	1	910
Rushmore City of	0	186	29	0	215
Shelly Municipal Light Dept.	0	1,489	393	14	1,896
Spring Grove Municipal Electric	1	639	142	3	785
St Charles Light & Water	1	1,586	226	1	1,814
Two Harbors City of	0	1,644	204	50	1,898
Virginia Dept of Public Utilities	0	4,305	932	0	5,237
Whalen City of	0	53	0	0	53
Willmar Municipal Utilities	0	7,854	1,272	33	9,159
Total: Other Municipals	**1,034**	**75,425**	**12,909**	**699**	**90,067**
Southern Minnesota Municipal Power Agency					
Austin Utilities	642	9,965	1,897	1	12,505
Blooming Prairie Utilities	0	850	195	0	1,045
Fairmont Public Utilities	225	4,940	833	13	6,011
Grand Marais Public Utilities	0	891	325	0	1,216
Lake City Utility Board	2	2,714	436	6	3,158
Litchfield Public Utilities	0	2,753	459	6	3,218
Mora Municipal Electric Utility	0	1,602	238	31	1,871
New Prague Municipal Utilities	0	2,212	255	38	2,505
North Branch Muni Water & Light	0	1,651	244	8	1,903
Owatonna Public Utilities	0	10,292	1,020	55	11,367
Preston Public Utilities	4	667	227	13	911
Princeton Public Utilities	0	2,172	327	35	2,534
Redwood Falls Public Utilities	0	2,284	529	56	2,869
Rochester Public Utilities	0	42,861	4,544	2	47,407
Spring Valley Public Utility	0	1,196	189	0	1,385
St Peter Municipal Utilities	0	3,643	428	4	4,075
Waseca Utility	0	3,653	451	81	4,185
Wells Public Utilities	0	1,130	190	0	1,320
Total: SMMPA	**873**	**95,476**	**12,787**	**349**	**109,485**
Total: Municipal Utilities	**2,071**	**307,578**	**47,480**	**3,250**	**360,379**
Total: Minnesota	**150,702**	**2,138,967**	**269,514**	**8,015**	**2,567,198**

Note for Table 5

*** Data is from 2003.

Table 6: Minnesota Electric Sales Revenue by Utility

2008 Minnesota Electric Sales Revenue for Investor-Owned Utilities

2008 (In $1,000's)	Farm	Non-Farm Residential	Commercial	Industrial	Total
Investor-Owned Utilities					
Alliant Energy-Interstate Power & Light Co	3,254	27,455	17,779	24,060	72,549
Minnesota Power	3,859	79,536	90,650	318,776	492,821
Northwestern Wisconsin Elec Co	22	25	25	0	72
Otter Tail Power Company	3,058	45,192	24,881	75,301	148,432
Xcel Energy	0	898,818	1,153,030	599,478	2,651,326
Total: Investor-Owned Utilities	**10,193**	**1,051,026**	**1,286,366**	**1,017,615**	**3,365,200**

2008 Minnesota Electric Sales Revenue for Cooperative Utilities

2008 (In $1,000's)	Farm	Non-Farm Residential	Commercial	Industrial	Total
Dairyland Power Cooperative					
Heartland Power Cooperative	82	4	-	-	86
Freeborn Mower Coop Services	-	10,780	4,186	1,215	16,181
Peoples Coop Power Assoc., Inc.	5,648	16,944	3,661	208	26,462
Tri-Co Electric Cooperative	19,162	293	3,474	2,625	25,555
Total: Dairyland Power Coop	**24,892**	**28,022**	**11,321**	**4,048**	**68,284**
East River Electric Cooperative					
H-D Electric Cooperative, Inc	0	16	0	0	16
Lyon-Lincoln Electric Cooperative	4,864	711	*	*	6,757
Renville Sibley Coop Power Assn	3,887	319	244	4,266	8,716
Traverse Electric Cooperative	2,553	220	*	*	3,472
Total: East River Electric Coop	**11,304**	**1,267**	**1,982**	**4,408**	**18,961**

Minnesota Electric Sales Revenue for Cooperative Utilities, Continued

2008 (In $1,000's)	Farm	Non-Farm Residential	Commercial	Industrial	Total
Great River Energy					
Agralite Cooperative	9,578	623	3,019	3,221	16,442
Arrowhead Electric Cooperative	0	4,679	2,372	0	7,051
BENCO Electric Cooperative	8,834	9,065	7,111	0	25,010
Brown Co Rural Electric Assn	903	113,996	55,438	6,320	176,657
Connexus Energy	5,824	135	1,334	3,609	10,903
Coop Lt & Power Assc of Lake Co	0	5,312	*	*	8,644
Crow Wing Coop Power & Light	5,271	36,357	13,772	0	55,400
Dakota Electric Association	928	91,855	6,601	58,597	157,982
East Central Energy	368	59,541	23,360	5,635	88,905
Federated Rural Electric Assn	6,010	411	3,245	6,507	16,172
Goodhue Co Coop Electric Assn	5,225	3,283	506	88	9,102
Itasca-Mantrap Coop Electric	640	11,357	*	*	17,319
Kandiyohi Power Cooperative	2,846	7,603	3,723	289	14,462
Lake Country Power	0	52,468	10,746	1,180	64,393
Lake Region Coop Electric Assc	12,588	19,299	*	*	39,728
McLeod Coop Power Association	10,962	0	1,113	3,894	15,968
Meeker Coop Light & Power Assn	6,410	7,393	2,671	333	16,806
Mille Lacs Electric Cooperative	28	13,602	3,667	2,073	19,370
Minnesota Valley Electric Coop	0	38,101	19,230	0	57,331
Nobles Cooperative Electric	7,990	133	1,482	2,141	11,746
North Itasca Electric Cooperative	0	5,112	*	*	6,247
Redwood Electric Cooperative	4,538	255	897	0	5,690
Runestone Electric Association	7,506	10,518	2,082	601	20,707
South Central Electric Assn	7,231	0	2,841	4,085	14,157
Stearns Coop Electric Assn	12,261	19,672	6,289	1,423	39,645
Steele Waseca Coop Electric	13,521	298	3,629	4,742	22,191
Todd Wadena Electric Cooperative	12,017	482	1,676	303	14,479
Wright Hennepin Coop Elec Assn	7,072	40,899	23,070	4,792	75,833
Total: Great River Energy	**148,550**	**552,449**	**210,658**	**116,683**	**1,028,339**

Minnesota Electric Sales Revenue for Cooperative Utilities, Continued

2007 (In $1,000's)	Farm	Non-Farm Residential	Commercial	Industrial	Total
Minnkota Power Cooperative					
Beltrami Electric Cooperative	23,561	343	5,407	0	29,312
Clearwater-Polk Electric Coop	0	5,342	859	0	6,201
North Star Electric Cooperative	6,791	634	2,693	0	10,119
PKM Electric Cooperative, Inc	0	5,988	1,660	0	7,648
Red Lake Electric Cooperative	0	7,188	*	*	8,896
Red River Valley Coop Power	7,433	0	2,175	0	9,608
Roseau Electric Cooperative	8,459	481	1,426	1,500	11,866
Wild Rice Electric Cooperative	13,317	3,254	*	*	19,199
Total: MPC - Cooperative	**59,562**	**23,231**	**17,423**	**2,634**	**102,850**
Other Cooperatives					
Iowa Lakes Electric Cooperative		27	12		39
Minnesota Valley Coop Lt & Power	7,981	956	1,450	2,318	12,705
Sioux Valley Southwestern	5,127	201	406	1,862	7,596
Total: Other Cooperatives	**13,108**	**1,184**	**1,868**	**4,180**	**20,340**
Total: Cooperatives	**257,417**	**606,152**	**243,251**	**131,953**	**1,238,774**

2008 Minnesota Electric Sales Revenue for Municipal Utilities

2008 (In $1,000's)	Farm	Non-Farm Residential	Commercial	Industrial	Total
Central Minnesota Municipal Power Agency					
Blue Earth Light & Water Dept	0	1,377	663	2,937	4,977
Delano Municipal Utilities	0	1,789	506	2,445	4,741
Fairfax Municipal	6	523	350	203	1,082
Glencoe Light & Power Commission	0	2,267	2,892	2,169	7,328
Granite Falls City of	0	1,320	1,652	160	3,132
Janesville Municipal Utility	0	868	432	0	1,300
Kasson City Of	0	1,977	1,124	0	3,101
Kenyon Municipal Utilities	0	758	399	690	1,847
Lake Crystal Municipal	14	978	870	0	1,862
Madelia Municipal Light & Power	0	826	1,136	750	2,713
Mountain Lake Municipal Utilities	121	707	340	601	1,769
New Ulm Public Utilities	0	5,482	7,411	7,830	20,722
Sleepy Eye Public Utility	0	1,211	1,225	1,523	3,959
Springfield Public Utilities	0	1,039	596	824	2,459
Truman Municipal Utility	15	404	163	638	1,219
Windom Municipal Utility	0	1,523	1,252	2,344	5,119
Total: CMMPA	**156**	**23,049**	**21,011**	**23,115**	**67,331**
Heartland Consumers Power District					
Marshall Municipal Utilities	0	4,553	2,805	27,230	34,588
Tyler Municipal Light & Power	11	628	156	0	795
Total: Heartland	**11**	**5,181**	**2,960**	**27,230**	**35,383**
Minnesota Municipal Power Agency					
Anoka City of	0	8,278	7,959	8,231	24,468
Arlington City of	0	701	*	*	1,618
Brownton Municipal Light & Power	0	307	67	42	416
City of Chaska-Utility Dept.	0	7,526	1,763	17,165	26,454
Le Sueur Municipal Utilities	77	1,882	712	6,508	9,179
North St Paul City of	0	5,068	3,588	0	8,655
Olivia City of	0	835	252	894	1,981
Shakopee Public Utilities	64	13,623	1,213	22,341	37,241
Winthrop City of	18	560	*	*	1,692
Total: MMPA	**159**	**38,779**	**16,906**	**55,859**	**111,704**

Minnesota Electric Sales Revenue for Municipal Utilities, Continued

2008 (In $1,000's)	Farm	Non-Farm Residential	Commercial	Industrial	Total
Missouri River Energy Services					
Adrian Public Utilities	0	585	528	60	1,173
Alexandria Light & Power	0	5,791	2,982	9,555	18,327
Barnesville Municipal Electric	8	1,287	171	133	1,598
Benson Municipal Utilities	*	1,218	626	*	2,796
Breckenridge Public Utilities	0	1,350	698	781	2,829
Detroit Lakes Public Utility	0	4,895	2,521	4,764	12,180
Elbow Lake Municipal Electric	0	550	950	0	1,500
Henning Electric Dept	0	290	324	0	613
Jackson Electric Light & Power	0	1,047	439	962	2,448
Lake Park Public Utilities	0	346	231	0	577
Lakefield City of	1	494	426	0	921
Luverne Public Utilities	11	2,076	920	3,026	6,033
Madison Municipal Utilities	0	462	424	45	932
Moorhead Public Service	0	12,312	3,390	12,221	27,923
Ortonville City Of	0	1,008	1,013	0	2,020
St. James City of	*	1,316	1,830	*	4,142
Sauk Centre Public Utilities	0	1,271	791	1,695	3,757
Staples City of	0	836	635	365	1,836
Wadena Light & Water	0	1,728	502	2,616	4,846
Westbrook Muni Light & Power	22	337	141	127	628
Worthington Municipal Power	0	2,627	4,479	4,935	12,041
Total: MRES	**45**	**41,826**	**24,020**	**43,231**	**109,121**
Northern Municipal Power Agency					
Bagley Public Utility	0	512	309	954	1,775
Baudette City Of	0	394	*	*	1,647
Fosston Municipal Utility	0	813	*	*	2,580
Halstad Municipal Utilities	0	357	284	0	640
Hawley Public Utilities	0	949	644	0	1,593
Roseau Municipal Water & Light	0	1,105	1,837	0	2,942
Stephen Electric Dept	0	342	299	0	641
Thief River Falls Municipal Utilities	0	2,955	3,265	2,297	8,517
Warren City Of	0	671	676	0	1,347
Warroad Municipal Light & Power	0	661	1,024	1,382	3,067
Total: NMPA	**0**	**8,758**	**10,132**	**5,859**	**24,750**

Minnesota Electric Sales Revenue for Municipal Utilities, Continued

2008 (In $1,000's)	Farm	Non-Farm Residential	Commercial	Industrial	Total
Other Municipals					
Ada Water & Light Dept	0	550	587	225	21,044
Aitkin Public Utilities	0	1,020	868	1,136	3,024
Alpha City of	4	54	59	0	117
Alvarado Electric Dept	50	215	44	0	309
Bigelow City of	26	58	34	113	231
Biwabik Water Light & Power	0	277	191	0	468
Brainerd Public Utilities	0	3,877	5,837	6,984	16,697
Brewster Electric Light & Power	5	156	58	77	295
Buffalo City Of	1	4,499	6,081	1,116	11,697
Buhl Public Utilities	0	259	261	0	521
Caledonia Muni Light & Power	7	1,015	524	387	1,933
Ceylon Public Utilities	0	118	56	0	174
Darwin Electric Dept	0	0	0	0	0
Dundee Electric Utility	0	40	22	0	62
Dunnell Electric Department	0	56	61	0	117
East Grand Forks Water & Light Dept	0	3,522	2,696	5,573	11,791
Eitzen Public Utilities	0	124	34	26	185
Elk River Municipal Utilities	20	7,549	1,953	10,478	20,000
Ely Water & Light Dept	0	1,600	1,717	0	3,317
Gilbert Water & Light	422	228	74	14	737
Grand Rapids Public Utilities	0	3,850	6,979	1,355	12,184
Grove City Electric Dept	0	407	282	0	689
Harmony Electric Dept	0	344	356	79	779
Hibbing Public Utilities Commission	0	4,891	6,219	889	11,999
Hutchinson Utilities Commission	0	5,221	8,012	13,286	26,520
Kandiyohi Municipal Utilities	0	170	62	0	232
Kasota Electric Light	0	298	0	0	298
Keewatin Public Utilities	0	436	38	0	474
Lanesboro Public Utilities	0	281	354	0	635
Mabel City of	0	224	226	0	449
Melrose Public Utilities	156	1,148	643	3,878	5,825
Moose Lake Water & Light Comm	0	465	1,106	853	2,424
Mountain Iron Water & Light	0	769	753	141	1,663
Nashwauk Public Utilities	0	265	264	0	529
Newfolden Electric	0	175	180	0	356
Nielsville Village Light System	0	40	16	0	56
Peterson Public Utilities	0	135	0	0	135
Pierz Utilities	0	276	421	4	701

Minnesota Electric Sales Revenue for Municipal Utilities, Continued

2008 (In $1,000's)	Farm	Non-Farm Residential	Commercial	Industrial	Total
Other Municipals (continued)					
Proctor Public Utilities	0	885	*	*	1,680
Randall City of	*	191	154	2	350
Round Lake Electric Dept	0	189	61	452	703
Rushford City of	0	631	*	*	1,242
Rushmore City of	0	153	41	0	194
Shelly Municipal Light Dept.	0	125	61	0	186
Spring Grove Municipal Electric	0	459	465	227	1,151
St Charles Light & Water	*	1,315	841	*	2,756
Two Harbors City of^	-	-	-	-	29,757
Virginia Dept of Public Utilities	0	2,992	6,125	0	9,117
Whalen City of	0	43	0	0	43
Willmar Municipal Utilities	0	5,767	6,965	7,510	20,241
Total: Other Municipals	**696**	**57,359**	**62,879**	**55,711**	**206,402**
Southern Minnesota Municipal Power Agency					
Austin Utilities	665	7,975	*	*	26,967
Blooming Prairie Utilities	0	695	1,432	0	2,127
Fairmont Public Utilities	338	3,489	4,316	3,843	11,986
Grand Marais Public Utilities	0	859	1,311	0	2,170
Lake City Utility Board	6	1,923	1,653	6,212	9,794
Litchfield Public Utilities	4	2,561	3,166	2,053	7,784
Mora Municipal Electric Utility	0	1,182	832	2,631	4,645
New Prague Municipal Utilities	0	1,766	755	2,956	5,477
North Branch Muni Water & Light	0	1,391	*	*	3,038
Owatonna Public Utilities	0	8,358	8,314	12,961	29,633
Preston Public Utilities	2	480	311	332	1,125
Princeton Public Utilities	0	2,239	1,318	2,271	5,828
Redwood Falls Public Utilities	0	2,380	1,293	1,452	5,125
Rochester Public Utilities	0	37,791	60,219	21,160	119,169
Spring Valley Public Utilities Comm	0	901	991	0	1,892
St Peter Municipal Utilities	0	3,087	3,378	1,933	8,398
Waseca Utility	0	2,679	1,088	1,493	5,260
Wells Public Utilities	0	917	1,064	0	1,981
Total: SMMPA	**1,016**	**80,673**	**104,664**	**66,047**	**252,400**
Total: Municipal Utilities	**2,084**	**255,625**	**242,572**	**277,052**	**807,090**
Total: Minnesota	**269,694**	**1,912,804**	**1,772,189**	**1,426,621**	**5,411,064**

Notes for Table 6

* Withheld to avoid disclosure of individual company data. Data included in totals.

^ Data not provided by customer class.

Table 7: Minnesota Residential Electric Space Heating Customers

2008 Minnesota Electric Space Heating Customers for Investor-Owned Utilities

2008	Customers	Megawatt-Hours
Investor-Owned Utilities		
Alliant Energy-Interstate Power & Lt Co	1,503	15,746
Minnesota Power	12,858	185,980
Otter Tail Power Company	7,387	136,374
Xcel Energy	28,808	382,010
Total: Investor-Owned Utilities	**50,556**	**720,109**

2008 Minnesota Electric Space Heating Customers for Cooperative Utilities

2008	Customers	Megawatt-Hours
Dairyland Power Cooperative		
Freeborn Mower Electric Cooperative	526	6,037
Heartland Power Cooperative	5	90
Peoples Coop Power Assoc., Inc.	1,263	21,567
Tri-Co Electric Cooperative	1,839	53,537
Total: Dairyland Power	**3,633**	**81,231**
East River Electric Cooperative		
H-D Electric Cooperative, Inc	2	14
Lyon-Lincoln Electric Cooperative	972	13,848
Renville Sibley Cooperative Power	663	7,410
Traverse Electric Cooperative	762	7
Total: East River Electric	**2,399**	**21,279**

Minnesota Electric Space Heating Customers for Cooperative Utilities in 2008, Cont.

2008	Customers	Megawatt-Hours
Great River Energy		
Agralite Cooperative	1,275	12,376
Arrowhead Electric Cooperative	1,288	20,455
BENCO Electric Cooperative	452	7,660
Brown County Rural Electric Assn	467	6,028
Connexus Energy	598	7,542
Coop Light & Power Assoc of Lake Co	851	14,955
Crow Wing Cooperative Power & Light	8,560	96,720
Dakota Electric Association	1,387	22,472
East Central Electric Association	6,325	5,640
Federated Rural Electric Association	657	10,429
Goodhue County Coop Electric Assn	104	2,118
Itasca-Mantrap Cooperative Electric	2,150	38,700
Kandiyohi Cooperative Electric Power	1,713	15,757
Lake Country Power	10,807	169,674
Lake Region Cooperative Electric Assc	4,754	59,297
McLeod Cooperative Power Association	1,613	13,898
Meeker Cooperative Light & Power Assn	2,960	51,900
Mille Lacs Electric Cooperative	2,500	27,400
Minnesota Valley Electric Cooperative	5,377	549
Nobles Cooperative Electric	502	13,975
North Itasca Electric Cooperative	792	12,031
Redwood Electric Cooperative	564	17,190
Runestone Electric Association	3,851	82,416
South Central Electric Association	275	4,800
Stearns Cooperative Electric Assn	3,186	84,119
Steele Waseca Cooperative Electric	870	9,672
Todd Wadena Cooperative	2,559	31
Wright Hennepin Cooperative Electric	4,749	49,323
Total: Great River Energy	**71,186**	**857,127**

Minnesota Electric Space Heating Customers for Cooperative Utilities in 2008, Cont.

2008	Customers	Megawatt-Hours
Minnkota Power Cooperative		
Beltrami Electric Cooperative	7,417	1,613
Clearwater-Polk Electric Cooperative	1,673	44,166
North Star Electric Cooperative	2,300	40,000
PKM Electric Cooperative	1,696	24
Red Lake Electric Cooperative	2,181	31,222
Red River Valley Cooperative Power	1,533	31,590
Roseau Electric Cooperative	2,967	50,033
Wild Rice Electric Cooperative	4,241	73
Total: MPC – Cooperative	**24,008**	**198,721**
Other Cooperatives		
Iowa Lakes Electric Cooperative	2	40
Minnesota Valley Coop Light & Power	247	2,624
Sioux Valley Southwestern Electric	704	27,055
Total: Other Cooperatives	**953**	**29,719**
Total: Cooperatives	**102,179**	**1,188,076**

2008 Minnesota Electric Space Heating Customers for Municipal Utilities

2008	Customers	Megawatt-Hours
Central Minnesota Municipal Power Agency		
Blue Earth Light & Water Department	68	664
Delano Municipal Utilities	93	1,029
Fairfax Municipal	113	1,845
Glencoe Light & Power Commission	104	1,542
Granite Falls City of	130	1,453
Kasson City of	34	415
Kenyon Municipal Utilities	20	226
Lake Crystal Municipal	67	682
Madelia Municipal Light & Power	54	389
New Ulm Public Utilities	7	475
Sleepy Eye Public Utility	6	124
Truman Municipal Utility	30	314
Windom Municipal Utility	36	803
Total: CMMPA	**762**	**9,962**
Heartland Consumers Power District		
Marshall Municipal Utilities	1,629	26,650
Tyler Municipal Light & Power	100	3,400
Total: Heartland	**1,729**	**30,050**
Minnesota Municipal Power Agency		
Anoka City of	81	1,314
Arlington City of	11	326
Brownton Municipal Light & Power	30	293
Chaska City of	31	4,056
Le Sueur Municipal Utilities	6	82
North St Paul City of	17	192
Olivia City of	87	2,422
Shakopee Public Utilities	342	4,025
Winthrop City of	3	108
Total: MMPA	**608**	**12,818**

Minnesota Electric Space Heating Customers for Municipal Utilities in 2008, Cont.

2008	Customers	Megawatt-Hours
Missouri River Energy Services		
Adrian Public Utilities	69	2,099
Alexandria Public Works	1,071	16,056
Barnesville Municipal Electric	368	6,760
Benson Municipal Utilities	162	1,613
Breckenridge Public Utilities	450	7,753
Detroit Lakes Public Utility	1,224	22,253
Elbow Lake Municipal Electric	180	2,020
Henning Electric Dept	583	3,764
Jackson Electric Light & Power	215	1,957
Lake Park Public Utilities	35	229
Lakefield City of	44	584
Luverne Municipal Utilities	265	3,061
Madison Municipal Utilities	110	1,856
Moorhead Public Service	3,369	40,646
Ortonville City of	213	2,960
St. James City of	223	3,156
Sauk Centre Water Light & Power	248	3,648
Staples City of	50	568
Wadena Light & Water	367	7,013
Worthington Municipal Power	226	1,937
Total: MRES	**9,472**	**129,933**
Northern Municipal Power Agency		
Bagley Public Utility	218	3,674
Baudette City of	110	1,474
Fosston Municipal Utility	330	4,667
Halstad Municipal Utilities	720	12,095
Hawley Public Utilities	165	1,950
Roseau Municipal Water & Light	344	11,861
Stephen Electric Dept	94	1,472
Thief River Falls Municipal Utilities	442	6,092
Warren City of	96	2,140
Warroad Municipal Light & Power	157	1,906
Total: NMPA	**2,676**	**47,331**

Minnesota Electric Space Heating Customers for Municipal Utilities in 2008, Cont.

2008	Customers	Megawatt-Hours
Other Municipals		
Ada Water & Light Dept	193	418
Aitkin Public Utilities	192	2,586
Alpha City of	2	40
Alvarado Electric Dept	39	621
Biwabik Water Light & Power	20	675
Brainerd Public Utilities	596	6,909
Buffalo City of	288	3,208
Buhl Public Utilities*	1	*
Caledonia Municipal Light & Power	7	342
Darwin City of	-	-
Dundee City of	3	36
East Grand Forks Water & Light Dept	586	8,128
Eitzen Public Utilities	18	226
Elk River Municipal Utilities	315	4,841
Ely Water & Light Dept	106	8
Gilbert Water & Light	2	44
Grand Rapids Public Utilities	118	2,303
Hibbing Public Utilities Commission	552	6,092
Hutchinson Utilities Commission	273	2,873
Keewatin Public Utilities	2	*
Lanesboro Public Utilities	14	47
Mabel City of	6	120
Melrose Municipal Utilities	451	8,532
Moose Lake Water & Light Commission	104	763
Mountain Iron Water & Light	297	3,889
Nashwauk Public Utilities	-	-
Newfolden Electric	40	621
Peterson Public Utilities	10	152
Pierz Utilities	65	58
Proctor Public Utilities	168	7,845

Minnesota Electric Space Heating Customers for Municipal Utilities in 2008, Cont.

2008	Customers	Megawatt-Hours
Other Municipals, continued		
Randall Electric	6	164
Round Lake Electric Dept	3	288
Rushford City of	61	1,162
Rushmore City of	8	1
Shelly Municipal Light Dept.	32	496
St Charles Light & Water	135	1,071
Two Harbors City of	8	139
Virginia Dept of Public Utilities	292	7,572
Willmar Municipal Utilities	277	6,615
Total: Other Municipals	**5,290**	**79,915**
Southern Minnesota Municipal Power Agency		
Austin Utilities	205	1,264
Blooming Prairie Utilities	10	214
Fairmont Public Utilities	141	2,741
Grand Marais Utilities	150	3,017
Lake City Utility Board	54	507
Litchfield Public Utilities	445	8,941
Mora Municipal Electric Utility	93	906
New Prague Municipal Utilities	411	521
North Branch Municipal Water & Light	11	115
Owatonna Public Utilities**	106	1,060
Preston Public Utilities	18	740
Princeton Public Utilities	34	1,173
Redwood Falls Pub Utilities	638	12,820
Rochester Public Utilities	1,612	15,968
Spring Valley Public Utilities Comm	5	318
St Peter Municipal Utilities	73	539
Waseca Water & Light Dept	110	842
Wells Public Utilities	72	426
Total: SMMPA	**4,188**	**52,112**
Total: Municipal Utilities	**24,725**	**362,121**
Total: Minnesota	**177,460**	**2,270,306**

Notes for Table 7

* Withheld to avoid disclosure of individual company data. Data included in totals.

Table 8: Minnesota Electric Consumption by County

Minnesota Electric Consumption in 2008

County	MWH	Consumption Rank*	Population Rank*
Aitkin	211,467	58	54
Anoka	2,686,231	5	4
Becker	453,226	33	32
Beltrami	583,027	21	22
Benton	412,832	34	24
Big Stone	74,319	85	81
Blue Earth	842,348	13	15
Brown	350,645	38	40
Carlton	453,430	32	30
Carver	900,613	12	11
Cass	515,661	27	36
Chippewa	201,981	62	62
Chisago	397,746	36	18
Clay	649,412	18	17
Clearwater	188,391	64	75
Cook	91,222	81	82
Cottonwood	188,318	65	65
Crow Wing	961,548	11	14
Dakota	4,984,548	4	3
Dodge	211,393	59	48
Douglas	472,682	30	29
Faribault	217,648	57	58
Fillmore	190,261	63	45
Freeborn	407,565	35	34
Goodhue	565,868	23	20
Grant	80,159	84	79
Hennepin	13,353,314	1	1
Houston	171,877	67	49
Hubbard	321,547	42	51
Isanti	304,558	44	25
Itasca	618,961	19	21
Jackson	182,247	66	68
Kanabec	132,916	74	52
Kandiyohi	566,606	22	23
Kittson	156,343	68	84
Koochiching	478,556	29	61
Lac Qui Parle	135,309	73	76
Lake	220,064	56	67
Lake of the Woods	84,984	82	86
Le Sueur	341,934	40	38
Lincoln	74,000	86	80
Lyon	729,661	16	41
McLeod	535,292	24	27
Mahnomen	81,462	83	83
Marshall	240,748	52	71

Minnesota Electric Consumption in 2008, Continued

County	MWH	Consumption Rank*	Population Rank*
Martin	391,823	37	46
Meeker	297,189	46	43
Mille Lacs	237,485	54	39
Morrison	481,821	28	31
Mower	459,319	31	26
Murray	103,660	78	74
Nicollet	335,236	41	33
Nobles	342,692	39	47
Norman	94,647	80	77
Olmstead	1,568,533	8	8
Otter Tail	800,680	15	16
Pennington	211,330	60	59
Pine	249,116	49	37
Pipestone	125,992	76	73
Polk	523,135	25	35
Pope	141,908	72	66
Ramsey	5,576,883	3	2
Red Lake	132,805	75	85
Redwood	225,485	55	56
Renville	297,433	45	53
Rice	674,476	17	13
Rock	146,078	71	72
Roseau	270,341	48	55
St. Louis	7,359,517	2	6
Scott	1,319,086	9	9
Sherburne	813,187	14	12
Sibley	243,847	50	57
Stearns	2,307,176	7	7
Steele	522,209	26	28
Stevens	153,669	69	70
Swift	205,162	61	63
Todd	311,331	43	42
Traverse	52,325	87	87
Wabasha	276,516	47	44
Wadena	242,031	51	60
Waseca	239,583	53	50
Washington	2,336,749	6	5
Watonwan	148,701	70	64
Wilkin	95,067	79	78
Winona	606,170	20	19
Wright	995,624	10	10
Yellow Medicine	108,693	77	69

Note for Table 8

* Ranking is highest to lowest (1 is highest, 87 is lowest).

Table 9: Utility-Owned Electric Generating Plants Serving Minnesota

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Adrian Public Utilities					
Adrian Power Plant Nobles County, MN					
Unit 5	Int Comb	Oil #2	2.000	2.000	2005
Alliant Energy-Interstate Power and Light Company					
Agency Street Gas Turbine Des Moines County, IA					
Unit 1	Gas Turbine	Gas/Oil #2	16.000	14.900	1989
Unit 2	Gas Turbine	Gas/Oil #2	15.500	14.000	1989
Unit 3	Gas Turbine	Gas/Oil #2	15.600	16.700	1989
Unit 4	Gas Turbine	Gas/Oil #2	15.900	17.400	1989
Ames Diesel Story County, IA					
Unit 1	Int Comb	Oil #2	0.000	0.000	1960
Unit 2	Int Comb	Oil #2	0.000	0.000	1960
Burlington Gas Turbine Des Moines County, IA					
Unit 1	Gas Turbine	Gas	16.800	0.000	1995
Unit 2	Gas Turbine	Gas	15.800	0.000	1995
Unit 3	Gas Turbine	Gas	19.000	0.000	1995
Unit 4	Gas Turbine	Gas	16.500	0.000	1996
Burlington Generating Station Des Moines County, IA					
Unit 1	Steam	Coal/Gas	191.900	194.500	1968
Centerville Diesel Apanoose County, IA					
Unit 1	Int Comb	Oil #2	2.200	2.200	1963
Unit 2	Int Comb	Oil #2	2.000	2.000	1963
Unit 3	Int Comb	Oil #2	2.000	2.000	1963

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Alliant Energy-Interstate Power and Light Company, continued					
Centerville Gas Turbine Appanoose County, IA					
Unit 1	Gas Turbine	Oil #2	24.900	29.200	1990
Unit 2	Gas Turbine	Oil #2	24.100	28.300	1990
Dubuque Internal Combustion Dubuque County, IA					
Unit 1	Int Comb	Oil #2	2.200	2.200	1966
Unit 2	Int Comb	Oil #2	2.200	2.200	1966
Dubuque Steam Dubuque County, IA					
Unit 2	Steam	Coal/Gas	13.100	14.000	1929
Unit 3	Steam	Coal/Gas	28.600	28.900	1952
Unit 4	Steam	Coal/Gas	36.800	37.300	1959
Emery Cerro Gordo County, IA					
Unit 1	Gas Turbine	Gas	159.600	168.500	2004
Unit 2	Gas Turbine	Gas	156.700	165.400	2004
Unit 3	Steam	Gas	235.500	248.600	2004
Fox Lake Gas Turbine Martin County, MN					
Unit 4	Gas Turbine	Oil #2	0.000	0.000	1974
Fox Lake Steam Martin County, MN					
Unit 1	Steam	Gas/Oil #6	12.300	0.000	1950
Unit 2	Steam	Gas/Oil #6	0.000	0.000	1951
Unit 3	Steam	Coal/Gas/Oil #6	84.400	86.800	1962
Grinnell Gas Turbine Poweshiek County, IA					
Unit 1	Gas Turbine	Gas	23.800	0.000	1990
Unit 2	Gas Turbine	Gas	20.100	0.000	1990

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Alliant Energy-Interstate Power and Light Company, continued					
Hills Internal Combustion Rock County, MN					
Unit 1	Int Comb	Oil #2	1.900	1.900	1996
Unit 2	Int Comb	Oil #2	1.900	1.900	1960
Lansing Internal Combustion Allamakee County, IA					
Unit 1	Int Comb	Oil #2	1.000	1.000	1970
Unit 2	Int Comb	Oil #2	1.000	1.000	1971
Lansing Steam Allamakee County, IA					
Unit 1	Steam	Coal/Oil #2	0.000	0.000	1948
Unit 2	Steam	Coal/Oil #2	0.000	0.000	1949
Unit 3	Steam	Coal/Oil #2	32.600	33.900	1957
Unit 4	Steam	Coal/Oil #2	262.100	262.600	1977
Lime Creek Cerro Gordo County, IA					
Unit 1	Gas Turbine	Oil #2	33.700	39.100	1991
Unit 2	Gas Turbine	Oil #2	34.500	39.900	1991
Louisa Station No. 1 (jointly owned) Louisa County, IA					
Unit 1	Steam	Coal/Gas	28.000	28.000	1983
M.L. Kapp Steam Clinton County, IA					
Unit 1	Steam	Gas	0.000	0.000	1947
Unit 2	Steam	Coal/Gas	212.400	214.600	1967
Marshalltown Gas Turbine Marshall County, IA					
Unit 1	Gas Turbine	Oil #2	55.400	63.400	1977
Unit 2	Gas Turbine	Oil #2	57.300	65.700	1977
Unit 3	Gas Turbine	Oil #2	54.400	62.100	1977
Montgomery Gas Turbine LeSueur County, MN					
Unit 1	Gas Turbine	Gas	19.500	23.400	1974

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Alliant Energy-Interstate Power and Light Company, continued					
Neal No. 3 Woodbury County, IA					
Unit 3	Steam	Coal	144.200	144.200	1975
Neal No. 4 (jointly owned) Woodbury County, IA					
Unit 4	Steam	Coal/Oil #2	165.500	165.500	1979
Ottumwa Generating Station Wappello County, IA					
Unit 1	Steam	Coal/Oil #2	341.000	341.000	1981
Prairie Creek Linn County, IA					
Unit 1	Steam	Coal/Gas/Oil #2	0.300	0.300	1997
Unit 2	Steam	Coal/Gas	18.400	20.700	1950
Unit 3	Steam	Coal/Gas/Oil #2	45.500	46.600	1958
Unit 4	Steam	Coal/Gas/Oil #2/Landfill Gas	143.700	147.200	1968
Red Cedar Linn County, IA					
Unit 1	Gas Turbine	Gas	14.700	16.600	1996
Sixth Street Station Linn County, IA					
Unit 1	Steam	Coal	0.000	0.000	1921
Unit 2	Steam	Coal/Gas	2.800	3.900	1930
Unit 4	Steam	Coal/Gas	12.700	12.500	1941
Unit 6	Steam	Coal	0.000	0.000	1925
Unit 7	Steam	Coal/Gas	14.700	7.800	1944
Unit 8	Steam	Coal/Gas	29.200	26.800	1950
Sutherland Station Marshall County, IA					
Unit 1	Steam	Coal/Gas	31.100	31.100	1955
Unit 2	Steam	Coal/Gas	30.300	30.300	1955
Unit 3	Steam	Coal/Gas	79.400	80.500	1961

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Austin Utilities					
DT Plant Mower County, MN					
Unit 2	Steam	Gas	3.600	3.600	1940
Unit 3	Steam	Gas	8.700	8.700	1946
Unit 4	Steam	Gas	12.200	12.200	1955
Unit 5	Gas Turbine	Gas	5.100	5.100	1961
Northeast Plant Mower County, MN					
Unit 1	Steam	Gas/Coal	28.120	28.120	1971
Benson Municipal Utilities					
Benson Municipal Utilities Swift County, MN					
Unit 5	Int Comb	Oil #2	0.900	0.900	1947
Unit 6	Int Comb	Oil #2	1.300	1.300	1954
Unit 7	Int Comb	Oil #2	1.800	1.800	2002
Unit 8	Int Comb	Oil #2	1.800	1.800	2002
Unit 9	Int Comb	Oil #2	1.800	1.800	2002
Unit 10	Int Comb	Oil #2	1.800	1.800	2002
Unit 11	Int Comb	Oil #2	1.800	1.800	2002
Blooming Prairie Public Utilities					
Blooming Prairie Plant Steele County, MN					
Unit 2	Int Comb	Diesel	1.300	1.300	1975
Unit 3	Int Comb	Diesel	0.600	0.600	1947
Unit 4	Int Comb	Diesel	0.300	0.300	1937
Unit 5	Int Comb	Diesel	2.000	2.000	2003
Blue Earth Light & Water Dept					
Blue Earth City Plant Faribault County, MN					
Unit 1	Int Comb	Oil #2/Gas	1.500	1.500	1960
Unit 3	Int Comb	Oil #2	1.600	1.650	1993
Unit 4	Int Comb	Oil #2	1.600	1.650	1993
Unit 5	Int Comb	Oil #2	1.600	1.650	1993
Unit 6	Int Comb	Oil #2	1.825	1.825	1995

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Dairyland Power Cooperative					
Alma Station Buffalo County, WI					
Unit 1	Steam	Coal/Oil #2	19.230	20.920	1947
Unit 2	Steam	Coal/Oil #2	19.020	20.920	1947
Unit 3	Steam	Coal/Oil #2	18.820	20.460	1950
Unit 4	Steam	Coal/Oil #2	55.930	60.920	1957
Unit 5	Steam	Coal/Oil #2	77.990	85.220	1960
Elk Mound Combustion Turbine Rusk County, WI					
Unit 1	Gas Turbine	Gas	34.650	45.270	2001
Unit 2	Gas Turbine	Gas	34.960	45.710	2001
Five Star Dairy					
Dunn County, WI					
Unit 1	Int Comb	Biogas	0.600	0.600	2005
Flambeau Hydroelectric Rusk County, WI					
Unit 1	Hydro	Water	8.310	8.310	1951
Unit 2	Hydro	Water	6.980	6.980	1951
Unit 3	Hydro	Water	8.260	8.260	1951
Genoa 3 (half sold to GRE) Vernon County, WI					
Unit 3	Steam	Coal/Oil #2	345.600	351.260	1969
JP Madgett Buffalo County, WI					
Unit 6	Steam	Coal/Oil #2	387.000	392.47	1979
Norswiss Dairy Barron County, WI					
Unit 1	Int Comb	Biogas	0.500	0.600	2006
Onyx Seven Mile Landfill Eau Claire County, WI					
Unit 1	Int Comb	Landfill Gas	0.600	0.480	2004
Unit 2	Int Comb	Landfill Gas	0.600	0.480	2004
Unit 3	Int Comb	Landfill Gas	0.600	0.480	2004
Unit 4	Int Comb	Landfill Gas	0.600	0.480	2004

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Dairyland Power, cont.					
Wild Rose Dairy					
Vernon County, WI					
Unit 1	Int Comb	Biogas	0.400	0.300	2005
Delano Municipal Utilities					
Delano Municipal Plant Wright County, MN					
Unit 1	Int Comb	Oil #2	0.840	0.840	1946
Unit 3	Int Comb	Oil #2	1.136	1.136	1951
Unit 4	Int Comb	Oil #2/Gas	1.140	1.140	1972
Unit 5	Int Comb	Oil #2/Gas	1.365	1.365	1973
Unit 6	Int Comb	Oil #2	1.250	1.250	1989
Unit 7	Int Comb	Oil #2	3.000	3.000	1994
Unit 8	Int Comb	Oil #2	3.125	3.125	1999
Unit 9	Int Comb	Oil #2	12.000	12.000	2002
East Grand Forks Water and Light Dept					
Distribution Service Center Polk County, MN					
Unit 1	Int Comb	Diesel	0.800	0.800	2002
Water Treatment Plant Polk County, MN					
Unit 1	Int Comb	Diesel	0.750	0.750	2002
Elk River Municipal Utilities					
Elk River Municipal Utilities Diesel Plant Sherburne County, MN					
Unit 1	Int Comb	Diesel	0.500	0.500	1948
Unit 2	Int Comb	Diesel	0.500	0.500	1948
Unit 3	Int Comb	Diesel/Gas	3.000	3.000	1962
Unit 4	Int Comb	Diesel/Gas	5.000	5.000	1972
Fairfax Municipal					
Fairfax Municipal Power Plant Renville County, MN					
Unit 2A	Int Comb	Oil #2	2.600	2.700	2001

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Fairmont Public Utilities					
Fairmont Power Plant Martin County, MN					
Unit 3	Steam	Gas	5.000	5.000	1945
Unit 4	Steam	Gas	5.000	5.000	1949
Unit 5	Steam	Gas	12.500	12.500	1959
Unit 6	Int Comb	Gas/Oil #2	6.000	6.000	1975
Unit 7	Int Comb	Gas/Oil #2	6.000	6.000	1975
Federated REA Wind Turbine					
Federated Rural Electric	Wind	Wind	2.100	2.100	2008
Unit 1					
Glencoe Light and Power Commission					
Glencoe Municipal Electric Plant McLeod County, MN					
Unit 5	Int Comb	Oil #2/Gas	1.100	1.100	1957
Unit 6	Int Comb	Oil #2/Gas	1.100	1.100	1961
Unit 7	Int Comb	Oil #2/Gas	3.900	3.900	1966
Unit 8	Int Comb	Oil #2/Gas	5.600	5.600	1969
Unit 9	Int Comb	Oil #2/Gas	7.100	7.100	1973
Unit 10	Int Comb	Diesel	6.700	6.700	1995
Unit 11	Int Comb	Diesel	4.600	4.600	1998
Unit 12	Int Comb	Diesel	4.600	4.600	1998
Unit 14	Int Comb	Diesel	4.600	4.600	2006
Grand Marais Public Utilities					
Grand Marais Power Plant Cook County, MN					
Unit 1	Int Comb	Oil #2	2.370	2.370	2003
Unit 2	Int Comb	Oil #2	1.820	1.820	2003
Unit 3	Int Comb	Oil #2	1.820	1.820	2003
Granite Falls, City of					
Granite Falls Municipal Hydroelectric Yellow Medicine County, MN					
Unit 1	Hydro	Water	0.300	0.300	1940
Unit 2	Hydro	Water	0.250	0.250	1932
Unit 3	Hydro	Water	0.867	0.867	1986

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Granite Falls Municipal Utilities, continued					
Granite Falls Diesel Yellow Medicine County, MN					
Unit 1	Int Comb	Diesel	2.200	2.200	2002
Unit 2	Int Comb	Diesel	2.200	2.200	2002
Unit 3	Int Comb	Diesel	2.200	2.200	2002
Great River Energy					
Cambridge Gas Turbine Plant Isanti County, MN					
Unit 1	Gas Turbine	Oil #2	21.000	28.000	1978
Unit 2	Gas Turbine	Gas	157.000	187.000	2007
Coal Creek Diesel McLean County, ND					
Unit 1	Int Comb	Diesel	2.100	2.100	1979
Coal Creek Station McLean County, ND					
Unit 1	Steam	Coal	576.000	577.000	1979
Unit 2	Steam	Coal	564.000	565.000	1980
Elk River Station Sherburne County, MN					
Unit 1	Steam	RDF/Gas/Oil #2	9.100	9.100	1951
Unit 2	Steam	RDF/Gas/Oil #2	9.500	9.500	1951
Unit 3	Steam	RDF/Gas/Oil #2	17.100	17.100	1959
Lakefield Junction Martin County, MN					
Unit 1	Gas Turbine	Gas/Oil #2	83.000	99.000	2001
Unit 2	Gas Turbine	Gas/Oil #2	81.000	97.000	2001
Unit 3	Gas Turbine	Gas/Oil #2	81.000	96.000	2001
Unit 4	Gas Turbine	Gas/Oil #2	81.000	96.000	2001
Unit 5	Gas Turbine	Gas/Oil #2	82.000	98.000	2001
Unit 6	Gas Turbine	Gas/Oil #2	82.000	98.000	2001
Maple Lake Wright County, MN					
Unit 1	Gas Turbine	Oil #2	19.000	25.000	1978

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Great River Energy, continued					
Pleasant Valley Station Mower County, MN					
Unit 11	Gas Turbine	Gas/Oil #2	150.000	166.000	2001
Unit 12	Gas Turbine	Gas/Oil #2	151.000	169.000	2001
Unit 13	Gas Turbine	Gas/Oil #2	115.000	126.000	2002
Rock Lake Pine County, MN					
Unit 1	Gas Turbine	Oil #2	21.000	28.000	1978
St. Bonifacious Power Plant Carver County, MN					
Unit 1	Gas Turbine	Oil #2	57.000	72.000	1978
Stanton Station Steam Plant Mercer County, ND					
Unit 1	Steam	Coal/Oil #2	189.500	189.500	1966
Halstad Municipal Utilities					
Halstad Diesel Plant Norman County, MN					
Unit 1	Int Comb	Diesel	2.000	2.000	2007
Unit 2	Int Comb	Diesel	2.000	2.000	2007
Hastings Public Utilities Commission					
Hastings Hydroelectric Facility Dakota County, MN					
Unit 1	Hydro	Water	2.200	2.200	1987
Unit 2	Hydro	Water	2.200	2.200	1987

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Hawley Public Utilities					
Hawley Plant Clay County, MN					
Unit 1	Int Comb	Oil #2	0.100	0.100	1932
Unit 2	Int Comb	Oil #2	0.700	0.700	1957
Unit 3	Int Comb	Oil #2	0.100	0.100	1938
Unit 4	Int Comb	Oil #2	0.300	0.300	1947
Unit 5	Int Comb	Oil #2	0.300	0.300	1947
Hibbing Public Utilities Commission					
Hibbing Public Utilities Plant St. Louis County, MN					
Unit 3	Steam	Coal/Gas	11.500	11.500	1965
Unit 5	Steam	Coal/Gas	20.000	20.500	1984
Unit 6	Steam	Coal/Gas	1.500	6.000	1996
Hutchinson Utilities Commission					
Hutchinson Municipal Plant No. 1 McLeod County, MN					
Unit 2	Int Comb	Gas/Oil #2	1.970	1.970	1958
Unit 3	Int Comb	Gas/Oil #2	3.900	3.900	1968
Unit 4	Int Comb	Gas/Oil #2	3.900	3.900	1968
Unit 5	Int Comb	Oil #2	1.740	1.700	1941
Unit 6	Int Comb	Oil #2	1.740	1.740	1942
Unit 7	Int Comb	Gas/Oil #2	4.500	4.500	1965
Unit 8	Comb Cycle	Gas	11.000	13.300	1971
Hutchinson Municipal Plant No. 2 McLeod County, MN					
Unit 1	Comb Cycle	Gas	41.000	41.000	1994
Unit 2	Comb Cycle	Steam	10.000	10.000	1994
Unit 9	Gas Turbine	Gas	22.000	24.000	1997

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Janesville Municipal Utility					
Janesville Municipal Plant Waseca County, MN					
Unit 1	Int Comb	Oil #2/Gas	1.300	1.300	1972
Unit 2	Int Comb	Oil #2/Gas	1.100	1.100	1964
Unit 3	Int Comb	Oil #2/Gas	0.600	0.600	1955
Unit 4	Int Comb	Oil #2	1.800	1.800	1998
Kenyon Municipal Utility					
Kenyon Municipal Plant Goodhue, MN					
Unit 5	Int Comb	Oil #2	1.825	1.825	1997
Unit 6	Int Comb	Oil #2	1.825	1.825	1997
Unit 7	Int Comb	Oil #2	1.825	1.825	1997
Lake Crystal Municipal Utilities					
Lake Crystal Plant Blue Earth County, MN					
Unit 1	Int Comb	Gas/Oil #2	0.700	0.700	1952
Unit 3	Int Comb	Gas/Oil #2	2.100	2.100	1971
Unit 4	Int Comb	Gas/Oil #2	1.300	1.300	1955
Unit 5	Int Comb	Gas/Oil #2	1.800	1.800	1999
Lakefield, City of					
Lakefield Power Plant Jackson County, MN					
Unit 5	Int Comb	Fuel Oil #2	1.000	1.000	1986
Unit 6	Int Comb	Fuel Oil #2	2.000	2.200	2003
Lanesboro Public Utilities					
Lanesboro Power Plant Fillmore County, MN					
Nordberg	Int Comb	Diesel	0.800	0.800	1968
Fairbanks	Int Comb	Diesel	2.200	2.300	2004
Lanesboro Power Plant - Hydroelectric Fillmore County, MN					
Unit 1	Hydro	Water	0.200	0.200	1923

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Litchfield Public Utilities					
Litchfield Power Plant Meeker County, MN					
Unit 1	Int Comb	Diesel/Gas	2.100	2.100	1963
Unit 2	Int Comb	Diesel/Gas	2.000	2.000	1963
Luverne, City of					
Luverne Power Plant Rock County, MN					
Unit 1	Int Comb	Diesel	3.500	3.500	1967
Madelia Municipal Light & Power					
Madelia Municipal Plant Watonwan County, MN					
Unit 1	Int Comb	Oil #2/Gas	2.800	3.160	2001
Unit 2	Int Comb	Oil #2/Gas	1.700	2.000	1966
Unit 3	Int Comb	Oil #2/Gas	0.800	0.800	1959
Unit 4	Int Comb	Oil #2/Gas	3.750	4.000	1973
Unit 5	Int Comb	Oil #2/Gas	1.200	1.200	1954
Marshall Municipal Utilities					
Marshall Power Plant Lyon County, MN					
Unit 6	Gas Turbine	Oil #2	15.000	19.000	1969
Melrose Public Utilities					
Melrose Power Plant Stearns County, MN					
Unit 1	Int Comb	Oil #2	0.750	0.750	1945
Unit 2	Int Comb	Oil #2	0.825	0.825	1948
Unit 3	Int Comb	Oil #2/Diesel	3.000	3.000	1969
Unit 4	Int Comb	Oil #2/Diesel	3.000	3.000	1969
Minnesota Power Company					
Blanchard Hydroelectric Station Morrison County, MN					
Unit 1	Hydro	Water	5.500	5.500	1925
Unit 2	Hydro	Water	5.500	5.500	1925
Unit 3	Hydro	Water	5.400	5.400	1988

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Minnesota Power Company, continued					
Boswell EC Itasca County, MN					
Unit 1	Steam	Coal/Oil #2	69.000	69.000	1958
Unit 2	Steam	Coal/Oil #2	69.000	69.000	1960
Unit 3	Steam	Coal/Oil #2	350.500	350.500	1973
Unit 4	Steam	Coal/Oil #2	428.000	428.000	1980
Fond Du Lac Hydroelectric Station St. Louis County, MN					
Unit 1	Hydro	Water	11.000	11.000	1924
Knife Falls Hydro Station Carlton County, MN					
Unit 1	Hydro	Water	0.640	0.640	1922
Unit 2	Hydro	Water	0.630	0.630	1922
Unit 3	Hydro	Water	0.630	0.630	1922
Laskin EC St. Louis County, MN					
Unit 1	Steam	Coal/Oil #2	55.000	55.000	1953
Unit 2	Steam	Coal/Oil #2	53.580	53.580	1953
Little Falls Hydro Station Morrison County, MN					
Unit 1	Hydro	Water	0.900	0.900	1919
Unit 2	Hydro	Water	0.900	0.900	1919
Unit 3	Hydro	Water	0.900	0.900	1920
Unit 4	Hydro	Water	1.500	1.500	1979
Unit 5	Hydro	Water	0.000	0.000	1906
Unit 6	Hydro	Water	0.200	0.200	1906
M.L. Hibbard Steam Station St. Louis County, MN					
Unit 3	Steam	Coal/Wood	33.160	33.160	1949
Unit 4	Steam	Coal/Wood	14.76	10.170	1951
Pillager Hydro Station Cass County, MN					
Unit 1	Hydro	Water	0.850	0.850	1917
Unit 2	Hydro	Water	0.850	0.850	1917

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Minnesota Power Company, continued					
Prairie River Hydroelectric Station Itasca County, MN					
Unit 1	Hydro	Water	0.400	0.400	1921
Unit 2	Hydro	Water	0.400	0.400	1921
Rapids Energy Center Itasca County, MN					
Unit 4	Hydro	Water	0.086	1.040	1917
Unit 5	Hydro	Water	0.000	0.000	1948
Unit 6	Steam	Gas/Wood	14.290	14.290	1969
Unit 7	Steam	Wood	14.220	14.220	1980
Sappi Cloquet Turbine Generator 5 Carlton County, MN					
Unit 5	Steam	Wood/Gas	22.550	22.550	2001
Scanlon Hydroelectric Station Carlton County, MN					
Unit 1	Hydro	Water	0.350	0.350	1923
Unit 2	Hydro	Water	0.350	0.350	1923
Unit 3	Hydro	Water	0.350	0.350	1923
Unit 4	Hydro	Water	0.350	0.350	1923
Sylvan Hydroelectric Station Cass County, MN					
Unit 1	Hydro	Water	0.800	0.800	1913
Unit 2	Hydro	Water	0.600	0.600	1913
Unit 3	Hydro	Water	0.500	0.500	1915
Taconite Harbor Cook County, MN					
Unit 1	Steam	Coal/Oil #2	77.500	77.500	1953
Unit 2	Steam	Coal/Oil #2	77.000	77.000	1953
Unit 3	Steam	Coal/Oil #2	76.000	76.000	1954
Taconite Ridge 1 St. Louis County, MN					
Unit 1	Wind		25.000	25.000	2008

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Minnesota Power Company, continued					
Thomson Hydro Station Carlton County, MN					
Unit 1	Hydro	Water	11.800	11.800	1907
Unit 2	Hydro	Water	11.600	11.600	1907
Unit 3	Hydro	Water	12.100	12.100	1907
Unit 4	Hydro	Water	11.900	11.900	1914
Unit 5	Hydro	Water	10.700	10.700	1918
Unit 6	Hydro	Water	13.100	13.100	1949
Winton Hydro Station Lake County, MN					
Unit 2	Hydro	Water	2.100	2.100	1923
Unit 3	Hydro	Water	2.200	2.200	1923
Minnkota Power Cooperative, Inc.					
Coyote Station Mercer County, ND					
Unit 1	Steam	Coal/Oil #2	427.000	427.000	1981
Grand Forks Diesel Plant Grand Forks County, ND					
Unit 1	Int Comb	Oil #2	0.679	0.679	1941
Unit 2	Int Comb	Oil #2	0.679	0.679	1941
Unit 3	Int Comb	Oil #2	0.679	0.679	1941
Unit 4	Int Comb	Oil #2	0.970	0.970	1946
Unit 5	Int Comb	Oil #2	0.970	0.970	1946
Unit 6	Int Comb	Oil #2	0.970	0.970	1946
Unit 7	Int Comb	Oil #2	1.067	1.067	1949
Unit 8	Int Comb	Oil #2	1.067	1.067	1949
Unit 9	Int Comb	Oil #2	1.067	1.067	1949
Unit 10	Int Comb	Oil #2	1.067	1.067	1949
Unit 11	Int Comb	Oil #2	1.067	1.067	1949
Harwood Diesel Plant Cass County, ND					
Unit 2	Int Comb	Oil #2	1.600	1.600	1947
Unit 3	Int Comb	Oil #2	1.552	1.552	1947

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Minnkota Power Coop, Inc., continued					
Infinity Wind Valley City Grand Forks County, ND					
Unit 1	Wind Turbine	Wind	0.900	0.900	2002
Infinity Wind Petersburg Grand Forks County, ND					
Unit 1	Wind Turbine	Wind	0.900	0.900	2002
Milton R. Young (29% share of Unit 2) Oliver County, ND					
Unit 1	Steam	Coal/Oil #2	250.000	250.000	1970
Unit 2	Steam	Coal/Oil #2	448.000	455.000	1977
Moorhead, City of					
Moorhead Power Plant Clay County, MN					
Unit 6	Gas Turbine	Oil #2	10.000	10.000	1960
Unit 8	Wind Turbine	Wind	0.750	0.750	1999
Unit 9	Wind Turbine	Wind	0.750	0.750	2001
Moose Lake Water & Light Commission					
Moose Lake Municipal Plant Carlton County, MN					
Unit 1	Int Comb	Oil #2	1.360	1.360	1973
Unit 2	Int Comb	Oil #2	1.136	1.136	1953
Unit 4	Int Comb	Oil #2	1.360	1.360	1962
Unit 1 South	Int Comb	Oil #2	2.000	2.000	2005
Unit 2 South	Int Comb	Oil #2	2.000	2.000	2005
Unit 3	Int Comb	Oil #2	2.000	2.000	2005
Mora Municipal Utilities					
Mora Power Plant Kanabec County, MN					
Unit 2	Int Comb	Diesel/Gas	1.200	1.200	1947
Unit 5	Int Comb	Diesel/Gas	5.800	5.800	1971
Unit 6	Int Comb	Diesel/Gas	6.400	6.400	1974

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
New Prague Utilities Commission					
New Prague Power Plant LeSueur County, MN					
Unit 1	Int Comb	Gas/Oil #2	0.99	0.99	1948
Unit 2	Int Comb	Gas/Oil #2	4.50	4.50	1975
Unit 3	Int Comb	Gas/Oil #2	2.44	2.44	1963
Unit 4	Int Comb	Gas/Oil #2	3.50	3.50	1967
Unit 6	Int Comb	Gas/Oil #2	6.10	6.10	1981
New Ulm Public Utilities					
New Ulm Gas Turbine Plant Brown County, MN					
Unit 5	Gas Turbine	Oil #2	23.000	25.400	1975
Unit 7	Gas Turbine	Oil #2	25.000	27.000	2001
New Ulm Steam Plant Brown County, MN					
Unit 4	Steam	Gas	13.200	13.200	1963
Unit 6	Steam	Gas	4.700	4.700	1947
North Branch Water & Light					
North Branch Plant Chisago County, MN					
Unit 1	Int Comb	Oil #2	0.820	0.820	1960
Unit 2	Int Comb	Oil #2	1.170	1.170	1970
Unit 3	Int Comb	Oil #2	2.000	2.000	2003
Unit 4	Int Comb	Oil #2	2.000	2.000	2003

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Otter Tail Power Company					
Bemidji Hydroelectric Beltrami County, MN					
Unit 1	Hydro	Water	0.180	0.180	1907
Unit 2	Hydro	Water	0.575	0.000	1907
Big Stone Plant Grant County, SD					
Unit 1	Steam	Coal/REF/ Oil #2	256.025	256.025	1975
Unit 2	Int Comb	Oil #2	0.620	0.000	1975
Coyote Station (35% share) Mercer County, ND					
Unit 1	Steam	Coal/Oil #2	149.450	149.450	1981
Dayton Hollow Hydro Otter Tail County, MN					
Unit 1	Hydro	Water	0.578	0.548	1909
Unit 2	Hydro	Water	0.466	0.470	1919
Fergus Control Center Otter Tail County, MN					
Unit 1	Int Comb	Oil #2	2.066	2.045	1995
Hoot Lake Hydroelectric Otter Tail County, MN					
Unit 1	Hydro	Water	0.788	0.787	1914
Hoot Lake Steam Plant Otter Tail County, MN					
Unit 2	Steam	Coal/Oil #2	60.325	60.450	1959
Unit 2A	Int Comb	Oil #2	0.252	0.254	1959
Unit 3	Steam	Coal/Oil #2	84.000	84.000	1964
Unit 3A	Int Comb	Oil #2	0.182	0.176	1964
Jamestown Turbine Stutsman County, ND					
Unit 1	Int Comb	Oil #2	23.856	27.531	1976
Unit 2	Int Comb	Oil #2	24.130	26.838	1978
Lake Preston Turbine Kingsbury County, SK					
Unit 1	Int Comb	Oil #2	21.936	26.306	1978

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Otter Tail Power Company, continued					
Pisgah Hydroelectric Otter Tail County, MN					
Unit 1	Hydro	Water	0.720	0.731	1918
Potlatch Cogeneration Beltrami County, MN					
Unit 1	Steam	Wood Waste/REF	5.862	0	1992
Solway Beltrami County, MN					
Unit 1	Gas Turbine	Gas/Oil #2	42.777	46.635	2003
Taplin Gorge Hydroelectric Otter Tail County, MN					
Unit 1	Hydro	Water	0.565	0.522	1925
Wright Hydroelectric Otter Tail County, MN					
Unit 1	Hydro	Water	0.488	0.504	1922
Preston Public Utilities					
Preston Power Plant Fillmore County, MN					
Unit 4	Int Comb	Diesel/Gas	0.690	0.690	1949
Unit 5	Int Comb	Diesel/Gas	1.180	1.180	1954
Unit 6	Int Comb	Diesel/Gas	2.260	2.260	1974
Princeton Public Utilities					
Princeton Power Plant Mille Lacs County, MN					
Unit 3	Int Comb	Oil #2	2.600	2.600	1977
Unit 4	Int Comb	Oil #2	1.300	1.300	1967
Unit 5	Int Comb	Oil #2	1.090	1.090	1953
Unit 6	Int Comb	Oil #2	2.900	2.900	1963
Unit 7	Int Comb	Oil #2	5.000	5.000	2002

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Redwood Falls Public Utilities Commission					
Redwood Falls Power Plant Redwood County, MN					
Unit 1A	Hydro	Water	0.500	0.500	1930
Unit 7	Int Comb	Diesel/Gas	5.800	5.800	1974
Southside Substation Plant Redwood County, MN					
Unit 2	Int Comb	Diesel	2.250	2.250	1968
Unit 3	Int Comb	Diesel	2.000	2.000	2002
Unit 4	Int Comb	Diesel	**2.000**	**2.000**	2002
Unit 5	Int Comb	Diesel	**2.000**	**2.000**	2002
Rochester Public Utilities					
Cascade Creek Olmsted County, MN					
Unit 1	Gas Turbine	Gas/Oil #6	31.000	31.000	1974
Unit 2	Gas Turbine	Gas/Oil #6	49.500	49.500	2002
Lake Zumbro Hydro Wabasha County, MN					
Unit 1	Hydro	Water	1.300	1.000	1984
Unit 2	Hydro	Water	1.300	1.000	1984
Silver Lake Steam Plant Olmsted County, MN					
Unit 1	Steam	Coal/Gas	9.000	9.000	1949
Unit 2	Steam	Coal/Gas	14.000	14.000	1953
Unit 3	Steam	Coal/Gas	24.000	24.000	1962
Unit 4	Steam	Coal/Gas	59.000	59.000	1969
St. Charles Light & Water					
St. Charles Power Plant Winona County, MN					
Unit 1	Int Comb	Diesel	5.40	37.400	2004
Unit 2	Int Comb	Diesel	5.00	36.600	2004
Unit 3	Int Comb	Diesel	5.00	35.600	2004
Unit 4	Int Comb	Diesel	5.10	37.000	2004

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
St. James Municipal Light & Power					
Diesel Generation Plant Watonwan County, MN					
Unit 1	Int Comb	Diesel	2.000	2.000	2002
Unit 2	Int Comb	Diesel	2.000	2.000	2002
Unit 3	Int Comb	Diesel	2.000	2.000	2002
Unit 4	Int Comb	Diesel	2.000	2.000	2002
Unit 5	Int Comb	Diesel	2.000	2.000	2002
Unit 6	Int Comb	Diesel	2.000	2.000	2002
Sleepy Eye Public Utility					
Sleepy Eye Power Plant Brown County, MN					
Unit 1	Int Comb	Oil #2	1.800	1.800	1999
Unit 2	Int Comb	Oil #2	1.800	1.800	2001
Unit 3	Int Comb	Oil #2	1.500	1.500	1961
Unit 4	Int Comb	Oil #2	1.800	1.800	1995
Unit 5	Int Comb	Oil #2	1.800	1.800	1996
Southern Minnesota Municipal Power Agency					
Blooming Prairie Plant Steele County, MN					
Unit 2	Int Comb	Oil #2/Gas	1.390	1.390	1975
Unit 5	Int Comb	Oil #2/Gas	2.000	2.000	2003
Unit 6	Int Comb	Oil #2	1.83	1.83	2009
Fairmont Martin County, MN					
Unit 1	Wind Turbine	Wind	1.000	1.000	2003
Unit 2	Wind Turbine	Wind	1.000	1.000	2003
Unit 3	Wind Turbine	Wind	1.650	1.650	2004
Unit 4	Wind Turbine	Wind	1.650	1.650	2005
Owatonna Downtown Steele County, MN					
Unit 6	Steam	Gas	20.500	20.500	1969

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Southern Minnesota Municipal Power Agency, continued					
Owatonna West Sub. Steele County, MN					
Unit 7	Gas Turbine	Gas	17.400	20.700	1982
Redwood Falls Wind Farm Redwood County, MN					
Unit 1	Wind Turbine	Wind	1.650	1.650	2004
Unit 2	Wind Turbine	Wind	1.650	1.650	2005
St. Peter Nicollet County, MN					
Units 1 - 6	Int Comb	Oil #2	12.000	12.000	2003
Sherburne Steam Plant (41% share) Sherburne County, MN					
Unit 3	Steam	Coal/Oil #2	362.000	365.000	1988
Spring Valley Public Utilities Commission					
Spring Valley Plant Fillmore County, MN					
Unit 2	Int Comb	Oil #2/Gas	1.136	1.136	1952
Unit 3	Int Comb	Oil #2/Gas	2.000	2.000	1960

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Steele Waseca Cooperative Electric*					
Windmills Co-Generators Steele County, MN					
Unit 1	Wind	Wind	0.004	0.004	1984
Unit 2	Wind	Wind	0.018	0.018	1984
Unit 3	Wind	Wind	0.035	0.035	1997
Unit 4	Wind	Wind	0.039	0.039	2002
Unit 5	Wind	Wind	0.039	0.039	2002
Unit 6	Wind	Wind	0.039	0.039	2002
Unit 7	Wind	Wind	0.020	0.020	2002
Unit 8	Wind	Wind	0.039	0.039	2002
Unit 9	Wind	Wind	0.039	0.039	2002
Unit 10	Wind	Wind	0.039	0.039	2003
Unit 11	Wind	Wind	0.039	0.039	2003
Unit 12	Wind	Wind	0.039	0.039	2004
Unit 13	Wind	Wind	0.039	0.039	2004
Unit 14	Wind	Wind	0.039	0.039	2004
Unit 15	Wind	Wind	0.020	0.020	2002
Unit 16	Wind	Wind	0.039	0.039	2004
Unit 17	Wind	Wind	0.039	0.039	2004
Unit 18	Wind	Wind	0.039	0.039	2004
Unit 19	Wind	Wind	0.035	0.035	2006
Unit 20	Wind	Wind/Solar	0.012	0.012	2007
Unit 21	Wind	Wind	0.039	0.039	2004
Thief River Falls Municipal Utilities					
Thief River Falls Municipal Power Plant Pennington County, MN					
Unit 1	Hydro	Water	0.250	0.250	1927
Unit 2	Hydro	Water	0.300	0.300	1927
Thief River Falls Municipal Power Plant Pennington County, MN					
Unit 1	Int Comb	Oil #2	1.300	1.300	1956
Unit 2	Int Comb	Oil #2	1.100	1.100	1953
Unit 3	Int Comb	Oil #2	1.270	1.270	2000
Unit 4	Int Comb	Oil #2	2.000	2.000	1946

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Two Harbors, City of					
Two Harbors Plant Lake County, MN					
Unit 1	Int Comb	Diesel	2.000	2.000	1971
Virginia Dept of Public Utilities					
Virginia Power Plant St. Louis County, MN					
Unit 5	Steam	Coal/Gas	8.300	8.300	1953
Unit 6	Steam	Coal/Gas	18.500	18.500	1971
Wells Public Utilities					
Wells Plant Faribault County, MN					
Unit 1	Int Comb	Gas/Oil #2	1.300	1.300	1953
Unit 2	Int Comb	Gas/Oil #2	1.400	1.400	1957
Unit 3	Int Comb	Gas/Oil #2	1.100	1.100	1950
Unit 4	Int Comb	Gas/Oil #2	2.200	2.200	1966
Unit 5	Int Comb	Gas/Oil #2	2.300	2.300	1975

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Westbrook Public Utilities					
Westbrook Plant Cottonwood County, MN					
Unit 4	Int Comb	Oil #2	0.700	0.700	1955
Unit 5	Int Comb	Oil #2	2.200	2.200	2001
Willmar Municipal Utilities					
Willmar Plant Kandiyohi County, MN					
Unit 2	Steam	Gas	7.000	7.000	1952
Unit 3	Steam	Coal	16.000	8.000	1959
Unit 4	Int Comb	Oil #2	12.000	12.000	2000
Windom Municipal Utility					
Windom Gas Turbine Cottonwood County, MN					
Unit 1	Gas Turbine	Oil #2	2.500	3.000	1980
Unit 2	Int Comb	Oil #2	1.700	1.800	2001
Unit 3	Int Comb	Oil #2	1.700	1.800	2001
Unit 4	Int Comb	Oil #2	1.700	1.800	2001
Worthington Public Utilities					
Worthington Diesel Generating Plant Nobles County, MN					
Unit 1	Int Comb	Diesel	14.000	14.000	2002
Xcel Energy					
Allen S. King Minnesota					
Unit 1	Steam	Coal/Wood/ Gas	555.000	555.000	1968
Alliant Tech Systems Minnesota					
Unit 1 & 2	Int Comb	Oil #2	1.670	1.670	1993
Angus Anson South Dakota					
Unit 2	Gas Turbine	Gas/Oil #2	111.000	128.000	1994
Unit 3	Gas Turbine	Gas/Oil #2	114.500	128.000	1994
Unit 4	Gas Turbine	Gas/Oil #2	158.430	180.000	2005

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Xcel Energy, continued					
Apple River Hydro Wisconsin					
Unit 1	Hydro	Water	0.970	0.970	1900
Unit 3	Hydro	Water	1.110	1.110	1900
Unit 4	Hydro	Water	1.110	1.110	1900
Bayfront Steam Wisconsin					
Unit 4	Steam	Wood/Coal/ Gas	22.000	22.000	1948
Unit 5	Steam	Wood/Coal/ Gas	22.000	22.000	1950
Unit 6	Steam	Wood/Coal/ Gas	29.000	29.000	1956
Big Falls Hydroelectric Wisconsin					
Unit 1	Hydro	Water	2.500	2.500	1922
Unit 2	Hydro	Water	2.400	2.500	1922
Unit 3	Hydro	Water	2.490	2.490	1925
Black Dog Steam Minnesota					
Unit 2	Gas Turbine	Gas	102.800	105.800	1954
Unit 3	Steam	Coal/Gas	107.030	107.030	1955
Unit 4	Steam	Coal/Gas	175.000	175.000	1960
Unit 5	Gas Turbine	Gas	195.000	205.000	2002
Blue Lake Gas Turbine Minnesota					
Unit 1	Gas Turbine	Oil #2/Gas	41.470	55.570	1974
Unit 2	Gas Turbine	Oil #2/Gas	41.400	55.000	1974
Unit 3	Gas Turbine	Oil #2/Gas	39.400	55.000	1974
Unit 4	Gas Turbine	Oil #2/Gas	52.000	67.000	1974
Unit 7	Gas Turbine	Oil #2/Gas	158.830	163.770	2005
Unit 8	Gas Turbine	Oil #2/Gas	156.970	161.660	2005
Cedar Falls Hydro Wisconsin					
Unit 1	Hydro	Water	2.640	2.640	1910
Unit 2	Hydro	Water	2.280	2.280	1911
Unit 3	Hydro	Water	2.330	2.330	1915

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Xcel Energy, continued					
Chippewa Falls Hydro Wisconsin					
Unit 1	Hydro	Water	3.790	3.790	1928
Unit 2	Hydro	Water	4.010	4.010	1928
Unit 3	Hydro	Water	3.890	3.890	1928
Unit 4	Hydro	Water	3.890	3.890	1928
Unit 5	Hydro	Water	3.880	3.880	1928
Unit 6	Hydro	Water	4.010	4.010	1928
Cornell Hydroelectric Wisconsin					
Unit 1	Hydro	Water	10.330	10.330	1976
Unit 2	Hydro	Water	10.690	10.690	1976
Unit 3	Hydro	Water	11.430	11.430	1976
Unit 4	Hydro	Water	0.730	0.730	1976
Dells Hydroelectric Wisconsin					
Unit 1	Hydro	Water	2.490	2.490	1923
Unit 2	Hydro	Water	1.340	1.340	1924
Unit 3	Hydro	Water	1.340	1.340	1930
Unit 4	Hydro	Water	1.340	1.340	1930
Unit 5	Hydro	Water	1.340	1.340	1930
Unit 6	Hydro	Water	0.740	0.740	1916
Unit 7	Hydro	Water	0.740	0.740	1907
Flambeau Wisconsin					
Unit 1	Gas Turbine	Gas/Oil #2	13.000	19.000	1969
French Island Gas Turbine Wisconsin					
Unit 3	Gas Turbine	Oil #2	73.530	94.830	1974
Unit 4	Gas Turbine	Oil #2	73.170	94.830	1974
French Island Steam Plant Wisconsin					
Unit 1	Steam	Wood/Gas/ RDF	15.000	15.000	1969
Unit 2	Steam	Wood/Gas/ RDF	14.000	14.000	1969

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Xcel Energy, continued					
Granite City Gas Turbine Minnesota					
Unit 1	Gas Turbine	Gas/Oil #2	14.000	19.000	1969
Unit 2	Gas Turbine	Gas/Oil #2	15.000	19.000	1969
Unit 3	Gas Turbine	Gas/Oil #2	15.000	19.000	1969
Unit 4	Gas Turbine	Gas/Oil #2	15.000	19.000	1969
Hayward Hydroelectric Wisconsin					
Unit 1	Hydro	Water	0.200	0.200	1925
Hennepin Island Hydro Minnesota					
Unit 1	Hydro	Water	2.400	2.400	1954
Unit 2	Hydro	Water	2.340	2.340	1954
Unit 3	Hydro	Water	2.300	2.300	1954
Unit 4	Hydro	Water	2.300	2.300	1954
Unit 5	Hydro	Water	2.700	2.700	1955
High Bridge Steam Minnesota					
Unit 7	Gas Turbine	Gas	159.900	177.400	2008
Unit 8	Gas Turbine	Gas	159.900	177.400	2008
Unit 9	Gas Turbine	Gas	193.000	246.000	2008
Holcombe Hydroelectric Wisconsin					
Unit 1	Hydro	Water	11.760	11.760	1950
Unit 2	Hydro	Water	11.750	11.750	1950
Unit 3	Hydro	Water	11.760	11.760	1950
Inver Hills Gas Turbine Minnesota					
Unit 1	Gas Turbine	Gas/Oil #2	58.520	71.000	1972
Unit 2	Gas Turbine	Gas/Oil #2	56.000	70.450	1972
Unit 3	Gas Turbine	Gas/Oil #2	58.000	70.400	1972
Unit 4	Gas Turbine	Gas/Oil #2	58.000	70.450	1972
Unit 5	Gas Turbine	Gas/Oil #2	58.530	70.430	1972
Unit 6	Gas Turbine	Gas/Oil #2	61.000	70.400	1972
Unit 7	Int Comb	Oil #1	1.830	1.830	1994
Unit 8	Int Comb	Oil #1	1.830	1.830	1994

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Xcel Energy, continued					
Jim Falls Hydroelectric Wisconsin					
Unit 1	Hydro	Water	27.960	27.960	1988
Unit 2	Hydro	Water	28.260	28.260	1988
Unit 3	Hydro	Water	0.500	0.500	1986
Key City Gas Turbine Minnesota					
Unit 1	Gas Turbine	Gas	15.000	19.000	1969
Unit 3	Gas Turbine	Gas	15.000	19.000	1969
Unit 4	Gas Turbine	Gas	16.000	19.000	1969
Ladysmith Hydroelectric Wisconsin					
Unit 1	Hydro	Water	0.890	0.890	1940
Unit 2	Hydro	Water	0.860	0.860	1940
Unit 3	Hydro	Water	1.110	1.110	1983
Menomonie Hydro Wisconsin					
Unit 1	Hydro	Water	2.660	2.660	1958
Unit 2	Hydro	Water	2.720	2.720	1958
Monticello Nuclear Minnesota					
Unit 1	Nuclear	Uranium	572.000	595.350	1971
Prairie Island Nuclear Minnesota					
Unit 1	Nuclear	Uranium	551.000	551.000	1973
Unit 2	Nuclear	Uranium	545.000	547.000	1974
Red Wing Steam Minnesota					
Unit 1	Steam	RDF/Gas	10.000	10.000	1949
Unit 2	Steam	RDF/Gas	10.000	10.000	1949

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Xcel Energy, continued					
Riverdale Hydroelectric Wisconsin					
Unit 1	Hydro	Water	0.330	0.330	1905
Unit 2	Hydro	Water	0.300	0.300	1905
Riverside Steam Minnesota					
Unit 7	Steam	Coal/Gas/Oil #2	144.250	144.250	1987
Unit 8	Steam	Coal/Oil #2	237.000	237.000	1964
Saxon Falls Hydro Wisconsin					
Unit 1	Hydro	Water	0.700	0.550	1913
Unit 2	Hydro	Water	0.800	0.650	1913
Sherburne County Steam (59% share of Unit 3) Minnesota					
Unit 1	Steam	Coal/Oil #2	697.000	697.000	1976
Unit 2	Steam	Coal/Oil #2	682.000	682.000	1977
Unit 3	Steam	Coal/Oil #2	503.860	503.860	1987
St. Croix Falls Hydro Wisconsin					
Unit 1	Hydro	Water	3.290	3.290	1905
Unit 2	Hydro	Water	2.990	2.990	1905
Unit 3	Hydro	Water	2.990	2.990	1905
Unit 4	Hydro	Water	2.990	2.990	1905
Unit 5	Hydro	Water	3.390	3.390	1910
Unit 6	Hydro	Water	3.290	3.290	1910
Unit 7	Hydro	Water	3.390	3.390	1923
Unit 8	Hydro	Water	3.190	3.190	1923
Superior Falls Hydro Michigan					
Unit 1	Hydro	Water	0.950	0.750	1917
Unit 2	Hydro	Water	0.900	0.700	1917
Thornapple Hydro Wisconsin					
Unit 1	Hydro	Water	0.810	0.810	1929
Unit 2	Hydro	Water	0.860	0.860	1929

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Xcel Energy, continued					
Trego Hydroelectric Wisconsin					
Unit 1	Hydro	Water	0.880	0.880	1927
Unit 2	Hydro	Water	0.610	0.610	1927
United Health Care Minnesota					
Unit 1&2	Gas Turbine	Oil #2	3.660	3.660	1993
United Hospital Minnesota					
Units 1-3	Gas Turbine	Oil #2	4.800	4.800	1992
West Faribault Jet Engine Minnesota					
Unit 2	Gas Turbine	Gas	0.000	0.000	1965
Unit 3	Gas Turbine	Gas	0.000	0.000	1965
Wheaton Wisconsin					
Unit 1	Gas Turbine	Oil #2/Gas	56.390	71.000	1973
Unit 2	Gas Turbine	Oil #2/Gas	64.990	71.400	1973
Unit 3	Gas Turbine	Oil #2/Gas	56.130	70.300	1973
Unit 4	Gas Turbine	Oil #2/Gas	55.810	70.300	1973
Unit 5	Gas Turbine	Oil #2/Gas	59.650	79.800	1973
Unit 6	Gas Turbine	Oil #2/Gas	60.270	79.800	1973
White River Hydroelectric Wisconsin					
Unit 1	Hydro	Water	0.420	0.300	1907
Unit 2	Hydro	Water	0.420	0.300	1907
Wilmarth Steam Minnesota					
Unit 1	Steam	RDF/Gas	9.000	9.000	1948
Unit 2	Steam	RDF/Gas	9.490	9.490	1951

2008	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Xcel Energy, continued					
Wissota Hydroelectric Wisconsin					
Unit 1	Hydro	Water	6.090	6.090	1917
Unit 2	Hydro	Water	6.220	6.220	1917
Unit 3	Hydro	Water	6.090	6.090	1917
Unit 4	Hydro	Water	6.090	6.090	1917
Unit 5	Hydro	Water	5.990	5.990	1917
Unit 6	Hydro	Water	6.090	6.090	1917

Table 10: Net Generation and Fuel Consumption for Utility-Owned Electric Generating Plants Serving Minnesota

2008	Net MWh	Fuel Used					
		Coal	Natural Gas^^	Fuel Oil #2**	Fuel Oil #6	Nuclear	Other***
	Generation*	(Tons)	(MCF)	(Gallons)	(Gallons)	(Mbtu)	(Tons)
Adrian Public Utilities							
Adrian Power Plant Nobles County, MN							
Unit 5	14			961			
Alliant Energy-Interstate Power Company							
Agency Street Gas Turbine Des Moines County, IA							
Unit 1	-95		338	3,612			
Unit 2	-96		341	3,654			
Unit 3	-91		324	3,444			
Unit 4	-106		377	4,032			
Ames Diesel Story County, IA							
Units 1 and 2	0			0			
Burlington Gas Turbine Des Moines County, IA							
Unit 1	20		585				
Unit 2	30		877				
Unit 3	20		585				
Unit 4	20		584				

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Alliant Energy-Interstate Power Company, continued							
Burlington Steam Des Moines County, IA							
Unit 1	1,180,922	764,749	9,698				
Centerville Diesel Appanoose County, IA							
Units 1 - 3	-236			714			
Centerville Gas Turbine Appanoose County, IA							
Units 1 and 2	196			146,076			
Dubuque Internal Combustion Dubuque County, IA							
Unit 1	-46			1,764			
Unit 2	-45			1,722			
Dubuque Steam Dubuque County, IA							
Unit 2	100	3,656	8,198	0			
Unit 3	135,517	120,692	16,354	966			
Unit 4	136,367	120,083	12,878	798			
Emery Cerro Gordo County, IA							
Unit 1	315,821		3,761,476		18,270		
Unit 2	268,238		3,195,202		15,498		
Unit 3	343,730						

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Alliant Energy-Interstate Power Company, continued							
Fox Lake Gas Turbine Martin County, MN							
Unit 1	-117						
Fox Lake Steam Martin County, MN							
Unit 1	289		8,955				
Unit 2	-344						
Unit 3	18,944		68,816		1,034,124		
Grinnell Gas Turbine Poweshiek County, IA							
Units 1 & 2	24		5,618				
Hills Internal Combustion Rock County, MN							
Unit 1	-89			336			
Unit 2	-99			504			
Lansing Internal Combustion Allamakee County, IA							
Unit 1	8			840			
Unit 2	8			756			

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Alliant Energy-Interstate Power Company, continued							
Lansing Steam Allamakee County, IA							
Unit 1	-1,440	332		5,460			
Unit 2	-109	656		8,148			
Unit 3	148,187	194,373		72,828			
Unit 4	1,623,327	1,007,407		91,980			
Lime Creek Cerro Gordo County, IA							
Unit 1	2,085			284,466			
Unit 2	2,286			301,728			
Louisa Station No. 1 (jointly owned) Louisa County, IA							
Unit 1	209,857	125,702	6,658	126			
M.L. Kapp Steam Clinton County, IA							
Unit 1	0						
Unit 2	673,409	482,504	43,600				
Marshalltown Gas Turbine Marshall County, IA							
Unit 1	6,232			706,524			
Unit 2	1,348			152,838			
Unit 3	2,150			243,726			

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Alliant Energy-Interstate Power Company, continued							
Montgomery Gas Turbine LeSueur County, MN							
Unit 1	270			56,322			
Neal No. 3 Woodbury County, IA							
Unit 1	1,036,231	630,562	17,128				
Neal No. 4 (jointly owned) Woodbury County, IA							
Unit 4	1,257,965	745,324		140,364			
Ottumwa Generating Station Wappello County, IA							
Unit 1	2,082,588	1,332,425		219,786			
Prairie Creek Linn County, IA							
Unit 1A	27,112	23,760	10,155				Landfill gas
Unit 2	0	27,566	579	0			(Mcf)
Unit 3	36,114	39,138	142,918	15,036			13,782
Unit 4	266,180	137,843	7,861	714			56,969
Red Cedar Linn County, IA							
Unit 1	-725		2,422				

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Alliant Energy-Interstate Power Company, continued							
Sixth Street Station Linn County, IA							
Unit 2	2,758	4,257	31,375				
Unit 4	0	0	0				
Unit 7	21,937	33,861	252,416				
Unit 8	0	0	0				
Sutherland Station Marshall County, IA							
Unit 1	178,739	149,483	17,064				
Unit 2	189,216	159,095	24,625				
Unit 3	358,034	194,979	111,217				
Austin Utilities							
Downtown Plant Mower County, MN							
Units 1 – 5							
Northeast Plant Mower County, MN							
Unit 1	39,113	19,627	57,183				
Benson Municipal Utilities							
Benson Municipal Utilities Swift County, MN							
Units 5 - 11	238			15,321			

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Blooming Prairie Public Utilities							
Blooming Prairie Power Plant Steele County, MN							
Unit 2	12			894			
Unit 3	2			192			
Unit 4	1			89			
Unit 5	16			1,123			
Blue Earth Lt & Water Dept							
Blue Earth City Plant Faribault County, MN							
Unit 1	28			592			
Unit 3	9			564			
Unit 4	10			627			
Unit 5	10			652			
Unit 6	8			272			
Dairyland Power Cooperative							
Alma Station Buffalo County, WI							
Unit 1	292,201	150,131		15,204			
Unit 2	346,749	171,854		35,770			
Unit 3	82,587	50,890		45,000			
Unit 4	83,863	50,325		44,700			
Unit 5	80,763	49,382		43,700			

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Dairyland Power Cooperative, continued							
Elk Mound Combustion Turbine Rusk County, WI							
Unit 1	997		18,979	4,800			
Unit 2	894		16,946	6,100			
Five Star Dairy Dunn County, WI							
Unit 1	4,246		130,175				
Flambeau Hydroelectric Rusk County, WI							
Unit 1	17,683						
Unit 2	5,433						
Unit 3	21,555						
Genoa 3 Vernon County, WI							
Unit 1	2,408,801	1,171,711		608,062			
JP Madgett Buffalo County, WI							
Unit 1	2,620,801	1,537,358		168,478			
Norswiss Dairy Barron County, WI							
Unit 1	4,503		130,900				

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Dairyland Power Cooperative, cont.							
Onyx Seven Mile Landfill Eau Claire County, WI							
Unit 1	2,389		59,248				
Unit 2	4,540		111,993				
Unit 3	4,372		107,784				
Unit 4	3,870		96,807				
Weston 4 Marathon County, WI							
Unit 1	386,465	204,365					
Wild Rose Dairy Vernon County, WI							
Unit 1	1,873		105,235				
Delano Municipal Utilities							
Delano Municipal Plant Wright County, MN							
Units 1, 3 - 9	0						
East Grand Forks Water and Light Dept							
Distribution Service Center Polk County, MN							
Unit 1	12			920			
Water Treatment Plant Polk County, MN							
Unit 1	13			850			

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Elk River Municipal Utilities							
Elk River Muni Diesel Plant Sherburne County, MN							
Unit 1	1			101			
Unit 2	1			101			
Unit 3	36		5	2,545			
Unit 4	81			6,053			
Fairfax Municipal							
Fairfax Muni Power Plant Renville County, MN							
Unit 2A	2			130			
Fairmont Public Utilities							
Fairmont Power Plant Martin County, MN							
Units 3 - 7	702		6,029	8,027			
Federated REA							
Federated REA Wind Turbine Martin County, MN							
Unit 1	2						
Glencoe Light and Power Commission							
Glencoe Muni Elec Plant McLeod County, MN							
Units 5-12, 14	21			1,694			

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Grand Marais Public Utilities							
Grand Marais Power Plant Cook County, MN							
Unit 1-3	80			3,247			
Granite Falls, City of							
Granite Falls Municipal Hydroelectric Yellow Medicine County, MN							
Units 1 - 3	3,418						
Granite Falls Municipal Diesel Yellow Medicine County, MN							
Unit 1	6			490			
Unit 2	7			550			
Unit 3	7			590			
Great River Energy							
Cambridge Gas Turbine Plant Isanti County, MN							
Unit 1	1,794			281,310			
Unit 2	67,711		846,857				
Coal Creek Station McLean County, ND							
Units 1 and 2	8,291,475	7,358,325			368,687		
Elk River Station Sherburne County, MN							
Units 1 - 3	159,526		90,311	2,521			281,527

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Great River Energy, cont.							
Lakefield Junction Martin County, MN							
Unit 1	12,179		145,516	13,111			
Unit 2	11,969		144,165	12,509			
Unit 3	16,348		195,465	12,414			
Unit 4	18,360		220,432	11,800			
Unit 5	25,158		307,410	13,985			
Unit 6	115,853		383,547	10,491			
Maple Lake Wright County, MN							
Unit 1	201			22,089			
Pleasant Valley Station Mower County, MN							
Unit 11	31,922		247,675	538,584			
Unit 12	28,776		212,143	672,297			
Unit 13	5,301		31,007	240,703			
Rock Lake Pine County, MN							
Unit 1	156			17,297			
St. Bonifacious Power Plant Carver County, MN							
Unit 1	1,394			154,419			

		Fuel Used					
2008	**Net MWh**	**Coal**	**Natural Gas^^**	**Fuel Oil #2****	**Fuel Oil #6**	**Nuclear**	**Other*****
	Generation*	**(Tons)**	**(MCF)**	**(Gallons)**	**(Gallons)**	**(Mbtu)**	**(Tons)**
Great River Energy, continued							
Stanton Station Mercer County, ND							
Unit 1	1,455,946	824,548		36,473			
Halstad Municipal Utilities							
Halstad Diesel Plant Norman County, MN							
Unit 1	8			850			
Unit 2	8			850			
Hastings Public Utilities Commission							
Hastings Hydro Facility Dakota County, MN							
Unit 1	11,062						
Unit 2	11,156						
Hawley Public Utilities							
Hawley Plant Clay County, MN							
Units 1 - 5	0						
Hibbing Public Utilities Commission							
Hibbing Public Util Plant St. Louis County, MN							
Unit 3	66,515	No fuel use reported					
Unit 5	101,534						
Unit 6	8,679						

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Hutchinson Utilities Commission							
Hutchinson Muni. Plant No. 1 McLeod County, MN							
Unit 2	17			1,179			
Unit 3	1,577		1,572	4,128			
Unit 4	1,499		1,092	8,078			
Unit 5	2			158			
Unit 6	1			39			
Unit 7	845		688	4,098			
Unit 8	10		689				
Hutchinson Muni. Plant No. 2 McLeod County, MN							
Unit 1G	16,010		171,199				
Unit 1S	22						
Unit 9	480		35,649				
Janesville Municipal Utility							
Janesville Municipal Plant Waseca County, MN							
Unit 1	1		174				
Unit 2	1		104				
Unit 3	1		701				
Unit 4	2						

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Kenyon Municipal Utilities							
Kenyon Municipal Plant Goodhue County, MN							
Unit 5	29						
Unit 6	12						
Unit 7	24						
Lake Crystal Municipal Utilities							
Lake Crystal Plant Blue Earth County, MN							
Unit 1	3			300			
Unit 3	21		1	1,610			
Unit 4	3			226			
Unit 5	16			1,090			
Lakefield, City of							
Lakefield Power Plant Jackson County, MN							
Unit 5	4			291			
Unit 6	8			553			
Lanesboro Public Utilities							
Lanesboro Power Plant - Diesel Fillmore County, MN							
Unit 4	No report						
Unit 5							

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Lanesboro Public Utilities							
Lanesboro Power Plant - Hydro Fillmore County, MN							
Unit 1	No report						
Litchfield Public Utilities							
Litchfield Power Plant Meeker County, MN							
Units 1 - 2	0		0	0			
Madelia Municipal Light & Power							
Madelia Municipal Plant Watonwan County, MN							
Unit 1	10			825			
Unit 2	7			479			
Unit 3	1			105			
Unit 4	18			1,205			
Marshall Municipal Utilities							
Marshal Power Plant Lyon County, MN							
Unit 6	211			22,967			

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Melrose Public Utilities							
Melrose Power Plant Stearns County, MN							
Unit 1	6			450			
Unit 2	8			630			
Unit 3	29			2,219			
Unit 4	30			1,112			
Minnesota Power							
Blanchard Hydroelectric Station Morrison County, MN							
Unit 1	26,406						
Unit 2	32,261						
Unit 3	19,173						
Boswell EC (79% share Unit 4) Itasca County, MN							
Unit 1	507,309	303,265		23,185			
Unit 2	475,602	281,917		21,086			
Unit 3	2,602,570	1,507,087		136,648			
Unit 4	3,484,224	2,136,204		334,462			
Fond Du Lac Hydro Station St. Louis County, MN							
Unit 1	50,262						

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Minnesota Power, continued							
Knife Falls Hydro Station Carlton County, MN							
Unit 1	4,975						
Unit 2	2,837						
Unit 3	3,432						
Laskin EC St. Louis County, MN							
Unit 1	331,661	220,113		1,332			
Unit 2	328,779	218,184	9,580				
Little Falls Hydro Station Morrison County, MN							
Unit 1	5,749						
Unit 2	5,093						
Unit 3	7,582						
Unit 4	9,182						
Unit 6	352						
M.L. Hibbard Steam Stat. St. Louis County, MN							
Unit 3	61,635	49,439	3,009				23,013
Unit 4	0						
Pillager Hydro Station Cass County, MN							
Unit 1	4,702						
Unit 2	3,967						

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Minnesota Power, continued							
Prairie River Hydro Station Itasca County, MN							
Unit 1	517						
Unit 2	1,316						
Rapids Energy Center Itasca County, MN							
Unit 4	2,757						
Unit 5	3,638						
Unit 6	37,795	60,871	196,487				
Unit 7	70,374						254,435
Sappi Cloquet Turbine Generator 5 Carlton County, MN							
Unit 5	103,861		214,728				23,858
Scanlon Hydro Station Carlton County, MN							
Unit 1	1,421						
Unit 2	1,856						
Unit 3	2,846						
Unit 4	2,019						
Sylvan Hydro Station Cass County, MN							
Unit 1	3,351						
Unit 2	3,427						
Unit 3	2,708						

2008	Net MWh	Fuel Used					
		Coal	Natural Gas^^	Fuel Oil #2**	Fuel Oil #6	Nuclear	Other***
	Generation*	(Tons)	(MCF)	(Gallons)	(Gallons)	(Mbtu)	(Tons)
Minnesota Power, continued							
Taconite Harbor Cook County, MN							
Unit 1	446,898	275,462		61,141			
Unit 2	502,300	311,384		54,610			
Unit 3	519,200	330,094		41,696			
Taconite Ridge 1 St. Louis County, MN							
Unit 1	32,909						
Thomson Hydro Station Carlton County, MN							
Unit 1	47,512						
Unit 2	41,742						
Unit 3	38,799						
Unit 4	43,996						
Unit 5	44,453						
Unit 6	53,911						
Winton Hydro Station Lake County, MN							
Unit 2	9,552						
Unit 3	9,228						

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Minnkota Power Cooperative, Inc.							
Coyote Station (30% share) Mercer County, ND							
Unit 1	2,983,729	2,487,376		433,127			
Grand Forks Diesel Plant Grand Forks County, ND							
Unit 1	3			255			
Unit 2	4			313			
Unit 3	2			239			
Unit 4	6			471			
Unit 5	6			431			
Unit 6	7			547			
Unit 7	8			507			
Unit 8	5			349			
Unit 9	10			794			
Unit 10	9			635			
Unit 11	9			726			
Harwood Diesel Plant Cass County, ND							
Unit 2	11			973			
Unit 3	12			1,045			
Infinity Wind Petersburg Grand Forks County, ND							
Unit 1	2,858						

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Minnkota Power Cooperative, Inc., continued							
Infinity Wind Valley City Grand Forks County, ND							
Unit 1	2,701						
Milton R. Young (40% share Unit 2) Oliver County, ND							
Unit 1	1,892,273	1,525,209		408,489			
Unit 2	3,521,111	2,842,769		959,356			
Moorhead Public Service							
Moorhead Power Plant Clay County, MN							
Unit 6	8			1,178			
Unit 8 - wind	1,050						
Unit 9 - wind	1,425						
Moose Lake Water & Light Commission							
Moose Lake Muni Plant Carlton County, MN							
Unit 1	3			190			
Unit 2	2			180			
Unit 3	5			316			
Unit 4	3			270			
Unit 1 South	5			327			
Unit 2 South	5			338			

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Mora Municipal Utilities							
Mora Municipal Plant Kanabec County, MN							
Units 2, 5, 6	499		1,433	2,460			
New Prague Utilities Commission							
New Prague Power Plant Scott County, MN							
Units 2, 3, 4, 5, 6	821		5,731	12,600			
New Ulm Public Utilities							
New Ulm Gas Turbine Plant Brown County, MN							
Unit 5	47			5,729			
Unit 7	43			6,665			
New Ulm Steam Plant Brown County, MN							
Unit 4	2,112		19,568				
Unit 6	57		1,026				

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
North Branch Water & Light							
North Branch Power Plant Chisago County, MN							
Unit 1 (total for all units)	176			13,104			
Unit 2							
Unit 3							
Unit 4							
Otter Tail Power Company							
Bemidji Hydroelectric Beltrami County, MN							
Unit 1	608						
Unit 2	536						
Big Stone Plant (54% share) Grant County, SD							
Unit 1	1,847,068	1,137,881		94,225			543
Coyote Station (35% share) Mercer County, ND							
Unit 1	1,016,828	849,917		200,594			
Dayton Hollow Hydroelectric Otter Tail County, MN							
Unit 1	4,321						
Unit 2	2,431						

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Otter Tail Power Company, continued							
Fergus Control Center Otter Tail County, MN							
Unit 1	20			1,300			
Hoot Lake Hydroelectric Otter Tail County, MN							
Unit 1	3,740						
Hoot Lake Steam Plant Otter Tail County, MN							
Unit 1	-456						
Unit 2	231,714	141,037		20,402			
Unit 3	534,734	329,319		52,539			
Jamestown Turbine Plant Stutsman County, ND							
Unit 1	520			90,566			
Unit 2	767			102,130			
Lake Preston Turbine Kingsbury County, SK							
Unit 1	341			61,446			
Pisgah Hydroelectric Otter Tail County, MN							
Unit 1	4,534						
Potlatch Cogeneration Beltrami County, MN							
Unit 1	0						not reported

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Otter Tail Power Company, continued							
Solway Beltrami County, MN							
Unit 1	47,234		546,755	25,807			
Taplin Gorge Hydroelectric Otter Tail County, MN							
Unit 1	4,068						
Wright Hydroelectric Otter Tail County, MN							
Unit 1	3,022						
Preston Public Utilities							
Preston Power Plant Fillmore County, MN							
Units 4 - 6	4		3,380	3,680			
Princeton Public Util.							
Princeton Power Plant Mille Lacs County, MN							
Units 3, 4, 5, 6, and 7 (total for all units)	591			44,688			
Redwood Falls Public Util.							
Redwood Falls--Main Redwood County, MN							
Units 1, 7	1,769		2,042	5,991			

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Redwood Falls Public Utilities, continued							
Redwood Falls--South							
Redwood County, MN							
Units 2 - 5	93			40,043			
Rochester Public Utilities							
Cascade Creek Olmsted County, MN							
Unit 1	63		1,770		77		
Unit 2	25,744		267,217		1,195		
Lake Zumbro Hydroelectric Wabasha County, MN							
Unit 1	6,555						
Unit 2	6,445						
Silver Lake Steam Plant Olmsted County, MN							
Unit 1	2,641	1,776	6970				
Unit 2	21,946	17,699	36554				
Unit 3	47,672	56,570	67892				
Unit 4	123,887	62,586	83316				

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
St. Charles Light and Water							
St. Charles Power Plant Winona County, MN							
Unit 1	43			3,120			
Unit 2	42			3,030			
Unit 3	41			3,050			
Unit 4	42			3,080			
St. James Municipal Light & Power							
Diesel Generation Plant Watonwan County, MN							
Unit 1	15			981			
Unit 2	13			872			
Unit 3	15			1,007			
Unit 4	13			853			
Unit 5	15			983			
Unit 6	10			688			
Sleepy Eye Public Utility							
Sleepy Eye Power Plant Brown County, MN							
Units 1 - 5	40			3,337			

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Southern Minnesota Municipal Power Agency							
Fairmont Wind Farm Martin County, MN							
Units 1 - 4	16,288						
Owatonna Downtown Steele County, MN							
Units 5, 6 & 7	1,579		15,711				
Redwood Falls Wind Farm Redwood County, MN							
Units 1 & 2	10,212						
Redwood Falls 333 S. Washington Redwood County, MN							
Units 1 - 5	387		2,060	13,356			
St. Peter Nicollet County, MN							
Units 1 - 6	194			14,616			
Sherburne Steam Plant (41% share) Sherburne County, MN							
Unit 3	2,108,294	1,242,181					
Spring Valley SMMPA Fillmore County, MN							
Units 1 - 3	57		498	588			
Wells Faribault County, MN							
Units 1 - 5	61		368	1,848			

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Spring Valley Pub. Util. Com.							
Spring Valley Plant Fillmore County, MN							
Units 2 - 3	59		5,457	477			
Steele Waseca Coop Electric							
Windmills Steele County, MN							
Unit 3	25						
Unit 4	46						
Unit 5	48						
Unit 6	30						
Unit 7	3						
Unit 8	33						
Unit 9	40						
Unit 10	58						
Unit 11	59						
Unit 12	52						
Unit 13	18						
Unit 14	55						
Unit 15	0						
Unit 16	66						
Unit 17	55						
Unit 18	51						
Unit 19	39						
Unit 20	7						
Unit 21	5						

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Thief River Falls Municipal Utilities							
Thief River Falls Hydro Plant Pennington County, MN							
Unit 1	815						
Unit 2	1,230						
Municipal Power Plant Pennington County, MN							
Unit 1	4			276			
Unit 2	4			288			
Unit 3	3			151			
Unit 4	6			535			
Two Harbors, City of							
Two Harbors Plant Lake County, MN							
Unit 1	46						
Virginia Dept of Pub Utilities							
Virginia Power Plant St. Louis County, MN							
Unit 5	20,508	109,779	78,935				61,361
Unit 6	94,442						
Westbrook Public Utilities							
Westbrook Plant Cottonwood County, MN							
Unit 5	11			930			

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Willmar Municipal Utilities							
Willmar Plant Kandiyohi County, MN							
Unit 2	83		1,938				
Unit 3	44,150	46,516	8,925				
Unit 4	125			15,986			
Windom Municipal Utility							
Windom Gas Turbine Cottonwood County, MN							
Unit 1	14			1,680			
Unit 2	6			403			
Unit 3	6			392			
Unit 4	6			412			
Worthington Public Utilities							
Worthington Diesel Generating Plant Nobles County, MN							
Unit 1	110			7,713			

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Xcel Energy							
Allen S. King Washington County, MN							
Unit 1	3,173,581	1,805,360	40,228				
Alliant Tech Systems Hennepin County, MN							
Units 1 & 2	-124			0			
Angus Anson Minnehaha County, SD							
Units 2 - 4	120,598		1,304,986	1,203,006			
Apple River Hydroelectric St. Croix County, WI							
Units 1, 3, 4 (2 retired)	10,315						
Bayfront Steam Ashland County, WI							
Unit 4	95,476						
Unit 5	92,544	131,593	218,910				225,862
Unit 6	141,991						
Big Falls Hydroelectric Rusk County, WI							
Units 1 - 3	25,997						
Black Dog Steam Dakota County, MN							
Unit 2	`						
Unit 3	436,911	289,573	146,546				
Unit 4	1,037,189	646,255	46,861				
Unit 5	235,067		2,633,051				

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Xcel Energy, continued							
Blue Lake Gas Turbine Scott County, MN							
Units 1-4	-1,475		229,512 (1-4, 7-8)	126,091 (1-4, 7-8)			
Units 7-8	16,445						
Cedar Falls Hydroelectric Dunn County, WI							
Units 1 - 3	30,424						
Chippewa Falls Hydro Chippewa County, WI							
Units 1 - 6	44,389						
Cornell Hydroelectric Chippewa County, WI							
Units 1 - 4	54,096						
Dells Hydroelectric Eau Claire County, WI							
Unit 1	4,258						
Flambeau Price County, WI							
Unit 1	34		4,990	420			
French Isl. Gas Turbine La Crosse County, WI							
Units 3 & 4	1,360			240,466			
French Isl. Steam Plant La Crosse County, WI							
Unit 1	46,379						108,479
Unit 2	21,468		2,845	1,733,713			

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Xcel Energy, continued							
Granite City Gas Turbine Sherburne County, MN							
Units 1 - 4	-526		3,099	1,771			
Hayward Hydroelectric Sawyer County, WI							
Unit 1	1,168						
Hennepin Island Hydro Hennepin County, MN							
Units 1 - 5	44,085						
High Bridge Steam Ramsey County, MN							
Units 7-9	580,989		4,870,555				
Holcombe Hydroelectric Chippewa County, WI							
Units 1 - 3	70,217						
Inver Hills Gas Turbine Dakota County, MN							
Units 1 - 6	22,958		371,477	689,232			
Jim Falls Hydroelectric Chippewa County, WI							
Units 1 & 2	90,196						
Unit 3	4,107						

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Xcel Energy, continued							
Key City Gas Turbine Blue Earth County, MN							
Units 1 - 4	-456		751 (1, 3, 4; 2 on standby)				
Ladysmith Hydroelectric Rusk County, WI							
Units 1 - 3	7,676						
Menomonie Hydro Dunn County, WI							
Units 1 & 2	21,543						
Monticello Nuclear Wright County, MN							
Unit 1	4,878,016					not reported	
Prairie Island Nuclear Goodhue County, MN							
Unit 1	4,059,454					not reported	
Unit 2	4,055,683					not reported	
Red Wing Steam Goodhue County, MN							
Units 1 & 2	99,908		46,665				177,807

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Xcel Energy, continued							
Riverdale Hydroelectric St. Croix County, WI							
Units 1 & 2	2,556						
Riverside Steam Hennepin County, MN							
Unit 7	474,357	314,312	19,470				
Unit 8	1,098,931	572,835		59,540			
Saxon Falls Hydroelectric Jackson County, WI							
Units 1 & 2	6,994						
Sherburne Cnty Steam Sherburne County, MN							
Unit 1	4,693,319	2,821,033		203,199			
Unit 2	4,496,364	2,715,073		116,433			
Unit 3	2,954,588	1,741,853		677,568			
St. Croix Falls Hydroelectric Polk County, WI							
Units 1 - 8	102,035						
Superior Falls Hydroelectric Gogebic County, MI							
Units 1 & 2	9,640						

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Natural Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Xcel Energy, continued							
Thornapple Hydroelectric Rusk County, WI							
Units 1 & 2	6,029						
Trego Hydroelectric Washburn County, WI							
Units 1 & 2	7,407						
United Health Care Hennepin County, MN							
Units 1 & 2	0			0			
United Hospital Ramsey County, MN							
Units 1 - 3	-167			1,959			
West Faribault Jet Engine Rice County, MN							
Units 2 & 3	0		0				
Wheaton Chippewa County, WI							
Units 1 - 6	14,335		185,102	943,547			
White River Hydroelectric Ashland County, WI							
Units 1 & 2	3,592						

2008	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas^^ (MCF)	Fuel Oil #2** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other*** (Tons)
Xcel Energy, continued							
Wilmarth Steam Blue Earth County, MN							
Unit 1	56,520		20,332				99,195
Unit 2	40,502		17,123				69,668
Wissota Hydroelectric Chippewa County, WI							
Units 1 - 6	94,923						
Public Utility Totals	85,765,899	45,469,485	23,168,890	15,096,497	1,481,112	Not Reported	1,396,499

Notes for Table 10

* Net generation values of zero indicate less than one MWh of production; however, values are included in the Public Utility Total. Negative net generation values indicate that the station electric consumption exceeded the gross generation of the plant. However, these plants did produce positive amounts of energy during the year.

** Fuel Oil #2 includes Diesel Fuel.

*** "Other" fuels include wood, wood by-products, tire- and refuse-derived fuel.

^^ Natural gas includes small amount of methane gas.

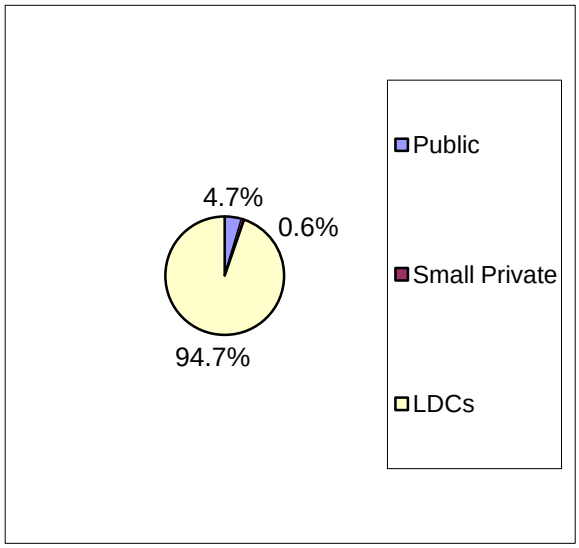
^^^ Total for all units.

Section II: Natural Gas Utilities

Overview

Natural gas companies in Minnesota are owned both privately and publicly. These distribution companies deliver gas to customers, regardless of whether the utility or a third party[1] purchases the gas for the customer. The Minnesota Public Utilities Commission regulates the rates of large privately-owned local distribution companies (LDCs). The Commission generally does not regulate rates of publicly-owned utilities. The Commission also does not regulate rates of privately-owned companies that are smaller than legislatively set limits. As Figure 3 below shows, LDCs distribute most of Minnesota's natural gas.

Figure 3: Natural Gas Throughput Reported by Type of Utility[2]



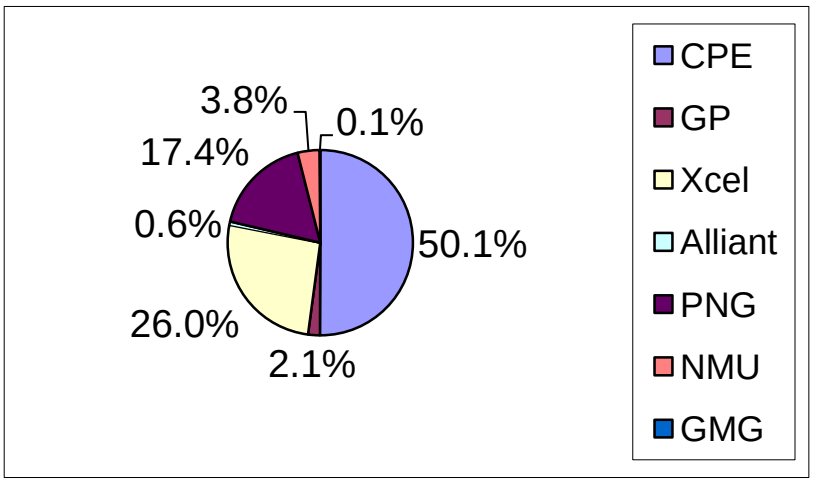
In 2008 there were seven investor-owned local distribution companies serving customers in Minnesota. There were five small privately-owned and 29 municipal gas utilities serving Minnesota customers.

[1] Certain customers can purchase natural gas supplies from companies that are not regulated by state authorities. However, these customers must still transport the gas through their state-regulated local natural gas companies.

[2] See Table 13 for consumption by company.

As Figure 4 shows, CenterPoint Energy is the largest investor-owned utility, followed by Xcel Energy and Minnesota Energy Resources Corp-PNG. The investor-owned company with the smallest Minnesota consumption in 2008 was Greater Minnesota Gas Inc.

Figure 4: Natural Gas Consumption Reported by Investor-Owned Utilities



Investor-Owned Natural Gas Companies[3]

CPE: CenterPoint Energy
GP: Great Plains Natural Gas Co.
Xcel: Xcel Energy
Alliant: Interstate Power & Light Company
NMU: Minnesota Energy Resources Corp.-Northern Minnesota Utilities
PNG: Minnesota Energy Resources Corp.-Peoples Natural Gas
GMG: Greater Minnesota Gas Inc.

[3] *See Table 13 for consumption by company.*

Introduction to Natural Gas Tables

The tables in this section provide both aggregate and individual company information reported by natural gas companies serving Minnesota. Tables 11 and 12 provide overall natural gas consumption and numbers of natural gas customers in Minnesota.

Tables 13 and 14 provide natural gas consumption and numbers of natural gas customers reported by each natural gas company serving Minnesota in 2008. Table 15 provides revenues reported by the natural gas companies.

Table 11 indicates that 2008 consumption of natural gas in the residential sector was 7.9 percent higher than 2007 consumption. As Figure 5 below indicates, residential consumption of natural gas on a weather-normalized basis has declined since 1973.

Figure 5: Weather-Normalized Natural Gas Use per Residential Customer

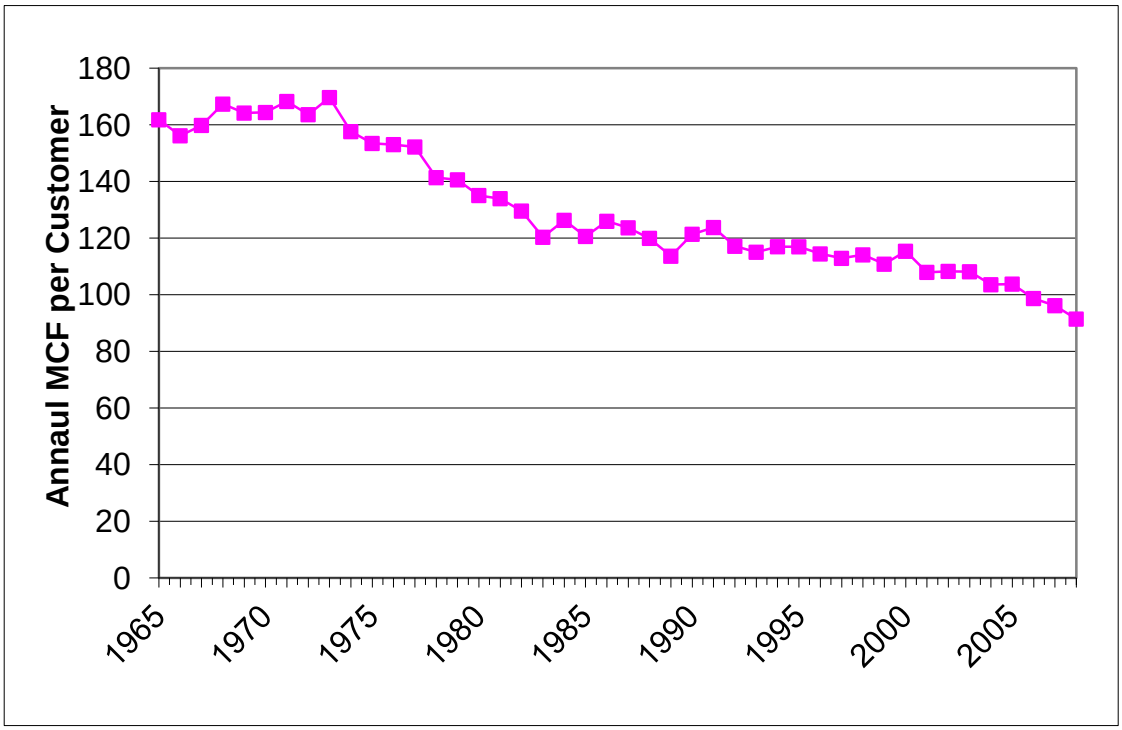


Table 11: Total Minnesota Historical Natural Gas Consumption

Minnesota Natural Gas Consumption (1,000 MCF)

Year	Residential	Commercial	Industrial*	Company Use	Unaccounted For	Deliveries to Transportation^	Total
1965	87,309	52,121	107,914	952	524	0	248,821
1966	87,586	51,739	124,548	1,027	898	0	265,798
1967	89,671	61,014	130,519	1,076	1,002	0	283,282
1968	91,597	63,783	149,646	1,228	845	0	307,098
1969	97,181	69,359	147,976	1,218	726	0	316,460
1970	102,625	74,096	149,782	1,099	1,040	0	328,642
1971	103,291	74,081	155,428	1,195	1,009	0	335,004
1972	112,303	79,578	140,631	1,247	1,007	0	334,765
1973	98,547	80,111	159,942	1,396	256	0	340,253
1974	102,861	79,637	143,553	1,333	625	0	328,009
1975	104,377	78,752	121,772	1,158	122	0	306,181
1976	106,415	74,651	103,545	2,657	765	0	288,033
1977	101,361	72,167	84,873	225	158	0	258,784
1978	106,238	77,378	86,263	335	1,488	0	271,701
1979	111,917	79,599	95,839	570	(1,227)	0	286,699
1980	103,208	80,845	90,551	342	1,650	0	276,596
1981	95,969	77,263	84,288	304	58	0	257,882
1982	107,478	83,208	64,473	463	(1,957)	0	253,664
1983	97,359	79,025	59,101	231	3,746	0	239,470
1984	101,868	82,770	64,584	258	(587)	0	248,893
1985	106,870	85,273	63,096	213	1,515	0	256,967
1986	103,139	80,382	52,364	238	(3,278)	0	232,846
1987	89,919	70,581	51,064	275	19	11,736	223,594
1988	108,423	85,462	41,344	284	1,060	32,916	269,489

Table 11, Continued: Minnesota Natural Gas Consumption (1,000 MCF)

Year	Residential	Commercial	Industrial*	Company Use	Unaccounted For	Deliveries to Transportation^	Total
1989	112,496	84,155	41,804	275	965	40,567	280,262
1990	106,894	85,978	44,635	217	(2,790)	48,843	283,777
1991	117,229	86,312	39,586	223	2,098	59,221	304,668
1992	113,160	83,255	36,977	430	3,260	57,086	294,169
1993	124,114	85,505	43,331	225	2,288	51,129	306,592
1994	121,450	80,888	42,452	335	1,014	59,177	305,317
1995	128,458	86,473	37,945	257	1,860	76,072	331,065
1996	142,268	94,824	44,429	333	1,938	61,007	344,799
1997	129,182	96,089	42,294	305	1,054	64,380	333,304
1998	110,934	84,596	43,837	194	1,673	63,934	305,168
1999	118,941	90,294	42,454	344	2,001	64,457	318,490
2000	128,327	95,888	41,314	142	2,441	64,273	332,385
2001	125,984	95,662	37,915	159	2,691	51,024	313,435
2002	134,665	98,443	36,122	148	356	65,162	334,896
2003	137,622	97,539	39,080	201	1,062	58,626	334,130
2004	132,909	93,936	33,026	201	2,068	62,404	324,545
2005	128,883	92,825	41,751	168	2,752	62,576	328,956
2006**	119,125	85,914	35,518	181	5,268	70,756	316,850
2007**	129,208	80,311	48,168	195	4,421	77,259	339,562
2008	139,374	90,442	41,200	207	1,753	78,670	358,076

Notes for Table 11

* Industrial data includes natural gas sold to produce electricity.

^ Some natural gas customers can purchase gas supplies from unregulated natural gas suppliers and transport this gas through regulated utilities' systems.

** Figures for some categories may not equal the corresponding figures in Table 13 due to reporting discrepancies.

Table 12: Number of Minnesota Natural Gas Customers

Year	Residential Firm	Commercial Firm*	Commercial Interruptible*	Industrial Firm*	Industrial Interruptible*	Total
1965	513,568	40,432	3,324	709	725	558,758
1966	529,405	42,649	3,540	728	797	577,119
1967	546,115	45,352	3,799	758	932	596,956
1968	563,641	47,825	4,047	795	1,022	617,330
1969	577,380	49,670	4,179	818	1,044	633,091
1970	591,584	51,649	4,300	825	1,085	649,443
1971	603,357	53,230	4,418	838	1,137	662,980
1972	615,681	55,198	4,487	849	1,167	677,382
1973	631,314	56,701	4,670	861	1,210	694,756
1974	653,376	59,660	4,796	882	1,262	719,976
1975	666,996	60,972	4,789	967	1,270	734,994
1976	678,811	61,993	4,895	953	1,231	747,883
1977	691,089	62,778	4,910	929	1,249	760,955
1978	710,498	64,665	4,874	867	1,160	782,064
1979	732,503	66,974	4,556	855	1,224	806,112
1980	767,457	70,997	4,283	881	1,209	844,827
1981	785,008	73,204	4,168	972	1,136	864,488
1982	792,088	75,016	3,529	1,012	1,011	872,656
1983	803,542	76,605	3,374	979	881	885,381
1984	822,509	79,032	3,371	1,098	950	906,960
1985	841,760	82,256	3,417	1,072	983	929,488
1986	860,695	85,063	3,581	1,023	800	951,162
1987	884,476	86,887	3,523	1,036	823	976,745
1988	904,515	88,675	3,452	1,067	783	998,492
1989	935,252	91,628	3,371	1,085	788	1,032,124
1990	962,006	94,214	3,264	1,088	797	1,061,369
1991	979,426	95,641	3,263	1,072	702	1,080,104
1992	1,008,912	97,810	3,272	1,118	749	1,111,861
1993	1,034,433	98,917	3,174	1,074	526	1,138,124
1994	1,060,692	100,952	3,359	987	667	1,166,657
1995	1,091,477	102,097	3,343	814	672	1,198,403
1996	1,124,739	105,158	3,471	842	773	1,234,983
1997	1,151,421	107,223	3,422	772	753	1,263,591
1998	1,176,228	109,220	3,718	610	832	1,290,612
1999	1,201,349	115,901	3,875	473	986	1,340,315
2000	1,238,679	114,271	3,917	659	898	1,358,424
2001	1,263,214	116,640	3,951	693	853	1,385,351
2002	1,293,734	119,032	3,974	697	785	1,418,222
2003	1,323,721	120,598	3,882	729	809	1,449,739
2004	1,354,242	122,898	3,823	741	815	1,482,519
2005	1,378,515	123,659	3,903	746	770	1,507,593
2006	1,402,701	126,056	3,808	703	783	1,534,051
2007	1,410,202	115,193	3,287	12,396	1,218	1,542,296
2008	1,422,261	117,023	3,810	12,382	694	1,556,163

Note for Table 12

*Sales and transportation customers are combined.

Table 13: Minnesota Natural Gas Consumption by Company

Minnesota Natural Gas Consumption (MCF) by Company in 2008

2008	Residential	Commercial	Industrial	Company Use	Unaccounted For	Deliveries to Transportation Customers	Electric Generation	Total
Alliant Energy	916,396	694,923	300,618	-	-	90,866	-	2,002,803
Argyle, City of	21,618	8,013		-	-	-	-	29,631
Austin Utilities	1,209,158	326,831	869,449	17,555	-	-	47,584	2,470,577
Bagley Public Utilities	24,314	51,039		-	-	-	-	75,353
CenterPoint Energy	73,117,888	56,882,768	10,560,568	95,293	2,621,967	23,420,336	3,076,765	169,775,585
Circle Pines Utility dba Centennial Utilities	244,029	172,490		*	*	-	-	417,725
Cohasset, City of	34,870	67,705		-	-	-	-	102,575
Community Utilities Co. Inc.	123,869	24,254	42,441	-	-	-	-	190,564
Duluth Dept of Public Works & Utilities	67,560	27,594	16,612	-	-	-	-	111,766
Eagle Bend/Clarissa	2,717,843	1,429,901	742,864	-	-	244,679	-	5,135,287
Fairfax Municipal Utility	60,265	27,299	*	-	-	*	-	256,502
Fosston Municipal Utilities	20,781	27,609	147,027	-	-	195,417	-	390,834
Goodhue PUC	45,797	26,864		-	-	-	-	72,661
Great Plains Nat Gas Co	1,556,447	1,762,449	1,261,036	-	-	2,417,758	-	6,997,690
Greater Minnesota Gas, Inc.	307,875	31,471	94,112	-	-	23,741	-	457,199
Hallock, City of	47,644	15,797		2,212	-	-	-	65,653
Hawley Public Utilities	40,023	47,783			547	-	-	88,353
Henning Municipal Gas	23,554	44,166			-	-	-	67,720
Hibbing PUC	386,240	303,225			-	-	245	689,710
Hutchinson Util Comm	483,750	445,485	776,952	13,392	(49,068)	-	222,134	1,892,645
Lake Park Public Utilities	23,538	15,862			-	-	-	39,400

Table13, continued: Minnesota Natural Gas Consumption (MCF) by Company in 2008

2008	Residential	Commercial	Industrial	Company Use	Unaccounted For	Deliveries to Transportation Customers	Electric Generation	Total
MN Energy Resources-NMU	3,303,886	1,138,356	2,409,040	4,156	-	6,070,550	-	12,925,988
MN Energy Resources-PNG	14,347,741	2,629,983	8,147,217	8,877	-	33,794,500	-	58,928,318
Morgan Natural Gas Srvcs	15,104	*	*	-	-	-	-	*
New Ulm Public Utilities	455,405	227,215	314,219	18,954	-	247,315	2,473,150	3,736,258
New York Mills Muni Gas	38,763	42,296	14,901		14,901	-	-	110,861
NW Gas of Cass County	14,275	21,001	41,951		-	-	-	77,227
NW Natural Gas LLC	120,862	41,777	52,496		-	-	-	215,135
NW Nat Gas of Murray County, Inc	47,301	30,635	39,374		-	-	-	117,310
Owatonna Public Utilities	112,419	73,186	106,178	*	*	-	909	*
Perham, City of	184,496	161,993	819,553	-	-	-	-	1,166,042
Randall Municipal Gas	19,571	12,609	1,851	-	-	-	-	34,031
Round Lake, City of	12,890	7,366	11,914	-	265	-	-	32,435
Sheehan's Gas Co Inc	78,745	40,948	772,145	-	-	772,670	-	1,664,508
Stephen Municipal Gas	19,020	8,746	-	-	1,759	-	-	29,525
Two Harbors Muni Gas	169,671	125,492	150,999	12,941	-	-	-	459,103
Tyler, City of	35,160	8,351	0	-	4,670	-		48,181
Virginia Public Utilities	152,080	191,124	-	-	1,545	-	87,012	431,761
Warren, City of	46,250	53,305	-	-	-	-	-	99,555
Westbrook Public Utilities	345,000	-	-	-	-	-	-	345,000
Xcel Energy	38,382,719	23,158,570	13,500,110	23,900	1,275,200	11,230,518	519,634	88,090,651
TOTAL	139,374,816	90,442,003	41,200,430	207,339	1,753,519	78,670,789	6,427,433	358,076,328

Notes for Table 13

* Withheld to avoid disclosure of individual company information. Data included in totals.

Table 14: Minnesota Natural Gas Customers by Company

2008	Residential Firm	Commercial Firm**	Commercial Interruptible**	Industrial Firm**	Industrial Interruptible**	Electric Generation **	Total
Alliant Energy	9,394	1,196	39	10	11	-	10,650
Argyle, City of	185	39					224
Austin Utilities	10,323	62	19	*	*	*	10,408
Bagley Public Utilities	382	107					489
CenterPoint Energy	731,140	64,037	2,550	211	320	20	798,278
Circle Pines Utility dba Centennial Utilities	2,824	*	*				3,012
Cohasset, City of	470	94					564
Community Utilities Co. Inc.	640	*			*		694
Duluth Dept of Public Works & Utilities	692	85		7			777
Eagle Bend/Clarissa	24,135	1,944	75	19	*	-	26,183
Fairfax Municipal Utility	511	*		*			576
Fosston Municipal Utilities	386	*		*			474
Goodhue PUC	439	17					456
Great Plains Nat Gas Co	18,035	2,593	134	-	20	-	20,782
Greater Minnesota Gas, Inc.	3,296	243		13	28		3,580
Hallock, City of	419	10					429
Hawley Public Utilities	531	100					631
Henning Municipal Gas	583	128					711
Hibbing PUC	3,470	388	*			*	3,873
Hutchinson Utilities Commission	4,809	488		*		*	5,301
Lake Park Pub Utilities	281	56					337

Table 14, continued: Minnesota Natural Gas Customers by Company in 2008

2008	Residential Firm	Commercial Firm**	Commercial Interruptible**	Industrial Firm**	Industrial Interruptible**	Electric Generation**	Total
MN Energy Resources-NMU	34,804	2,315	141	3,106	10		40,376
MN Energy Resources-PNG	152,428	6,879	399	8,764	57		168,527
Morgan Natural Gas Services	265	*		*			295
New Ulm Public Utilities	5,478	553	29	*		*	6,073
New York Mills Municipal Gas	450	69		16			535
Northwest Gas of Cass County	203	80		10			293
NW Natural Gas LLC	1,542	160	-	-	24	-	1,726
NW Natural Gas of Murray County, Inc.	777	106	-	-	13	-	896
Owatonna Pub Utilities	9,235	782			58	9	10,084
Perham, City of	2,479	372		*	*		2,875
Randall Municipal Gas	234	*	*	*			272
Round Lake, City of	161	27	*	*	*		194
Sheehan's Gas Co Inc	953	150		*			1,104
Stephen Municipal Gas	202	52					254
Two Harbors Municipal Gas	1,444	203	*	*	-	-	1,682
Tyler, City of	347	80					427
Virginia Public Utilities	1,501	*				*	1,811
Warren, City of	511	98					609
Westbrook Public Utilities	300						300
Xcel Energy	396,002	32,755	399	127	*	*	429,401
TOTAL	1,422,261	117,023	3,810	12,342	694	40	1,556,163

Notes for Table 14

* Withheld to avoid disclosure of individual company information. Data included in totals.

** Sales and transportation customers are combined.

Table 15: Minnesota Natural Gas Revenue by Company

2008	Residential	Commercial Firm	Commercial Interruptible	Industrial Firm^^	Industrial Interruptible	Total
Alliant Energy	$10,362,733	$5,024,490	$1,820,348	*	*	$19,772,714
Argyle, City of	$274,584	$128,895				$403,479
Austin Utilities	$15,048,168	$1,855,376	$2,040,214	*	*	$26,061,554
Bagley Public Utilities	$263,768	$570,002				$833,770
CenterPoint Energy	$808,631,035	$374,494,834	$201,031,195	$6,378,355	$117,972,234	$1,508,507,653
Circle Pines Utility dba Centennial Utilities	$2,905,981	$1,026,413	$650,789			$4,583,183
Cohasset, City of	$389,063	*		*		$660,753
Community Utilities Co. Inc.	$982,266	*		*		$1,578,742
Duluth Dept of Public Works & Utilities	$34,513,008	$14,829,241	$2,061,953	$1,650,292	$6,854,298	$59,908,792
Eagle Bend/Clarissa	$443,207	$725,797				$1,169,004
Fairfax Municipal Utility	$731,104	*		*		$1,099,452
Fosston Municipal Utilities	$250,545	*		*		$2,021,687
Goodhue PUC	$558,915	$328,252				$887,167
Great Plains Nat Gas Co	$18,499,150	$11,774,195	*		*	$47,001,011
Greater Minnesota Gas, Inc.	$3,917,362	$399,443		$623,223	$291,316	$5,231,345
Hallock, City of	$607,707	$175,420				$783,127
Hawley Public Utilities	$507,821	$551,538				$1,059,359
Henning Municipal Gas	$324,305	$524,060				$848,365
Hibbing PUC	$4,496,876	*	*			$8,148,196
Hutchinson Utilities Comm.	$4,765,002	$4,241,149		$7,085,908		$16,092,059
Lake Park Pub Utilities	$284,331	$193,133				$477,464

Table 15, continued: Minnesota Natural Gas Revenue by Company in 2008

2008	Residential	Commercial Firm	Commercial Interruptible	Industrial Firm^^	Industrial Interruptible	TOTAL
MN Energy Resources Corp-NMU	$38,588,038	$3,239,853	$8,008,505	$24,255,249	$2,358,812	$76,450,457
MN Energy Resources Corp-PNG	$158,533,234	$7,677,504	$24,620,152	$76,823,171		$267,654,061
Morgan Natural Gas Srvcs	$221,656	*		*		$628,496
New Ulm Public Utilities	$5,580,609	$2,375,020		*	*	$11,292,969
New York Mills Muni Gas	$548,981	$408,173		$191,646		$1,148,800
NW Gas of Cass County	$1,637,970	$517,221		-	$527,250	$2,682,441
NW Natural Gas LLC	$655,430	$387,118		-	$446,766	$1,489,314
NW Nat Gas of Murray County, Inc.	$193,649	$265,835		$433,742		$893,226
Owatonna Public Utilities	$11,429,097	$5,079,409	$7,071,736			$23,580,242
Perham, City of	$2,228,402	$1,659,572		$557,145	$7,178,439	$11,623,558
Randall Municipal Gas	$251,265	$116,923	$25,515	$18,366		$412,069
Round Lake, City of	$141,284	*	*	*	*	$319,496
Sheehans Gas Co Inc**	$823,641	$389,640	$478,761			$1,692,042
Stephen Municipal Gas	$263,439	$113,208				$376,647
Two Harbors Municipal Gas	$1,908,687	*	*	*	-	$4,581,617
Tyler, City of^^^						$605,770
Virginia Public Utilities	$1,871,668	*	*			$4,107,716
Warren, City of	$614,773	$647,537				$1,262,310
Westbrook Public Utilities	$559,276					$559,276
Xcel Energy**	$431,872,763	$204,912,558	$30,434,340	$26,488,734	$93,213,042	$786,921,437
TOTAL	$1,566,680,795	$652,541,071	$285,142,256	$152,494,056	$247,946,874	$2,905,410,821

Notes for Table 15

^ Includes natural gas sales and transportation. ^^ May include electric generation.

* Withheld to avoid disclosure of individual company information. Data included in totals.

** Sales revenue from transportation customers by customer class not reported. ^^^2008 data not provided by customer class.

Section III: Attachments

General Notes on Data

1) **Consumption.** In general, electric companies report retail electric consumption as follows:

Farm - Electricity supplied to farm households and for agricultural purposes.

Residential - Electricity supplied to non-farm private households.

Commercial - Electricity supplied to small commercial and industrial power accounts. May include use by some apartment dwellers.

Industrial - Electricity supplied to large commercial and industrial power accounts, including mining accounts.

2) **Missing Data.** Although all utilities are required to report data used in this report annually, some utilities have provided either partial information or no information. In some places, this report notes where these utilities have not reported information. In other places, for the general purpose of comparing 2008 data to previous years' data, this report shows the most recent comparable data for non-reporting companies.

3) **Accuracy of Data.** While the Department does not audit the records supporting the data companies provide, we do check the reasonableness of the data. We also correct errors in reported data where feasible. However, some data reported by smaller companies may contain a few errors or inconsistencies. These errors should not significantly affect the totals.

Glossary of Terms and Abbreviations

Btu: British thermal unit; the amount of heat required to raise the temperature of one pound of water one degree Fahrenheit under stated conditions of pressure and temperature (equal to 252 calories, 778 foot-pounds, 1,005 joules and 0.293 watt-hours).It is the U.S. customary unit of measuring the quality of heat, such as the heat content of fuel.

cf: cubic foot; the U.S. customary unit of measurement of gas volume. It is the amount of gas required to fill a volume of one cubic foot under stated conditions of temperature, pressure and water vapor. One cubic foot of natural gas equals 1,000 British thermal units under standard conditions of atmosphere (one) and temperature (60 degrees Fahrenheit).

Ccf: one hundred cubic feet.

Cooperative utility: a utility owned and operated by its members.

Department of DOC: the Minnesota Department of Commerce.

Gas turbine: a type of electric generation plant that relies on turbines driven by the combustion of natural gas or diesel fuel to produce electricity.

GWh: Gigawatt-hour; the unit of energy equal to that expended in one hour at a rate of one billion watts. One GWh equals 1,000 megawatt-hours.

Hydro: a type of electric generation plant that relies on a water wheel to convert falling water into electricity.

Int. comb. (Internal Combustion): a type of electric generation unit that relies on an internal combustion engine to convert burned diesel, fuel oil, gasoline, or natural gas into electricity.

Investor-owned utility (IOU): Common term for an electric privately-owned utility regulated by the Minnesota Public Utilities Commission.

kW: one kilowatt or one thousand watts.

Local Distribution Company (LDC): Common term for a gas privately-owned utility regulated by the MPUC.

Mcf: one thousand cubic feet; a unit of measure of gas volume.

Minnesota Public Utilities Commission (Commission): the state agency with regulatory jurisdiction over certain Minnesota utilities.

MWh: megawatt-hour; the unit of energy equal to that expended in one hour at a rate of one million watts. One MWh equals 3,414,000 Btus.

Natural Gas (gas): a mixture of hydrocarbon compounds and small quantities of various non-hydrocarbons existing in the gaseous phase or in solution with crude oil in natural underground reservoirs. It comes from the ground with or without crude oil and is generally much higher in heat content than manufactured gas.

Net generation: the total amount of electric energy produced by a generating unit less the electricity consumed by the generating station.

Nuclear: a type of electric generation plant that uses energy obtained by fission, fusion or by radioactive decay to drive the turbines.

Number 2 fuel oil: a distillate fuel oil used for domestic heating and in moderate capacity commercial or industrial burners as well as for generating electricity.

Number 6 fuel oil: a residual fuel oil that is heavier than distillate fuel oil and is used to generate electricity as well as in industrial burners.

Plant capacity: the amount of electric load, measured in megawatts or kilowatts, for which a generating unit is rated either by the user or the manufacturer.

Privately-owned utilities: utility corporations owned by shareholders. Large privately-owned utilities are regulated by the Minnesota Public Utilities Commission.

Publicly-owned utilities: utilities owned, operated and regulated by the city or legal entity in which it resides.

REIS: Regional Energy Information System; the Minnesota Department of Commerce's computerized state energy data collection and information system. It includes energy data the DOC collects directly from energy suppliers as well as data collected by other state departments such as the Minnesota Department of Revenue, Petroleum Tax Division.

RDF: refuse-derived fuel, composed of garbage, that is used in some electric generation plants.

Steam: a type of electric generation plant that relies on steam-driven turbines to generate electricity. Steam is produced in a boiler heated by several combinations of fossil, refuse-derived, or wood-waste fuels.

Transportation (of natural gas): the action taken by a retail customer who purchases natural gas supplies directly from a supplier or marketer and then moves or transports the gas through a utility's distribution system to the customer's destination.

Watt: the unit of measure for electric power or rate of doing work. The rate of energy transfer equivalent to one ampere flowing under pressure of one volt.

Weather-normalized information: information adjusted to remove fluctuation due to changes in weather.

Wind: a type of electric generation plant that uses turbines powered by wind to generate electricity.