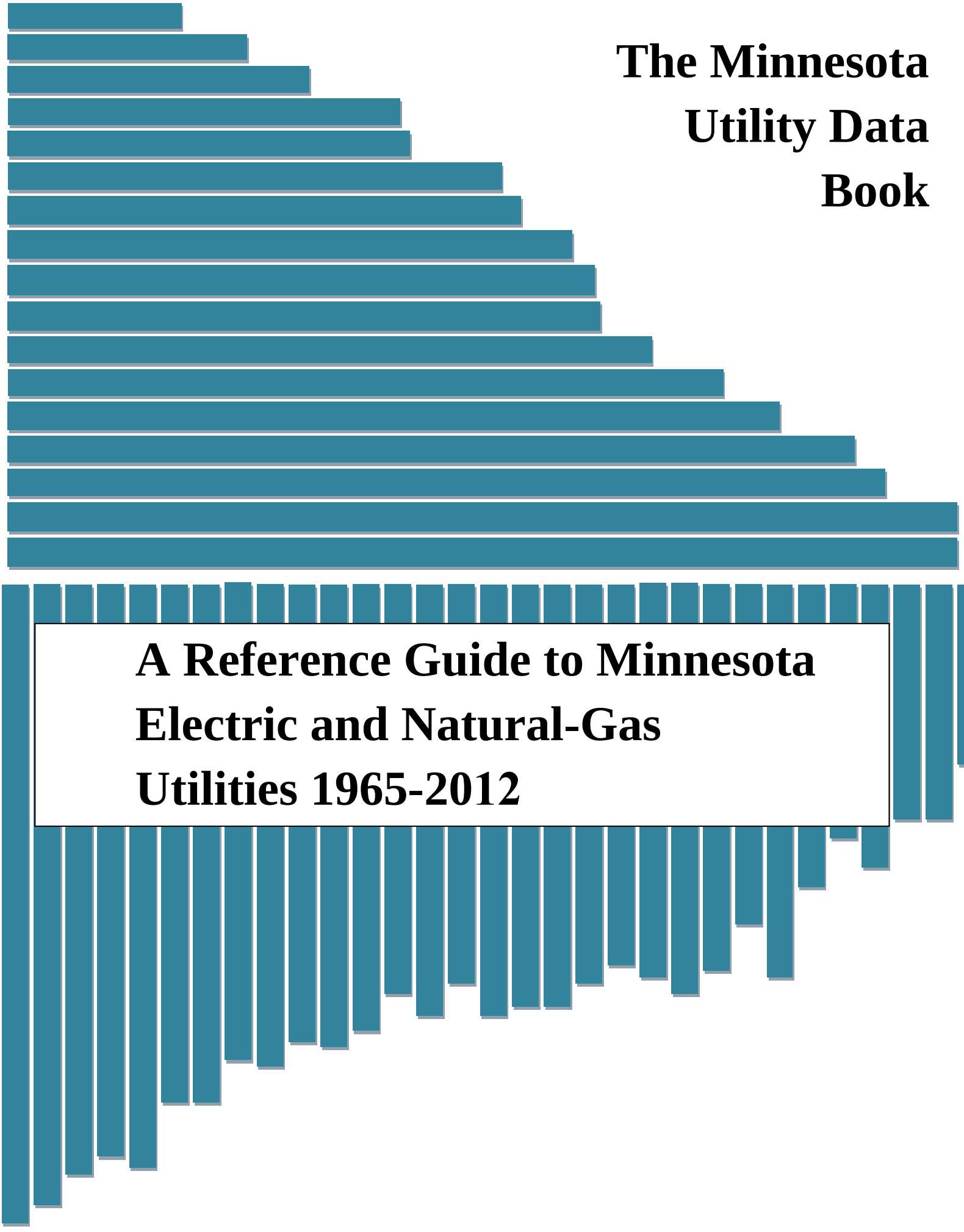
The Minnesota Utility Data Book



A Reference Guide to Minnesota Electric and Natural-Gas Utilities 1965-2012

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Introduction

The Minnesota Department of Commerce regulates the financial services industries and promotes and implements energy and telecommunications policies. 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 effort.

Minnesota's electricity and natural gas use occurs through service provided by investor-owned, cooperative, municipal and private utilities. To track usage trends, the Minnesota Department of Commerce collects data from Minnesota's electric and natural gas utilities pursuant to the Minnesota Rules parts 7610.0100 to 7610.1130. The *Minnesota Utility Data Book (or Data Book)* is a compilation of some of that information.

The 2012 *Minnesota Utility Data Book* provides aggregate information reported by Minnesota utilities through 2012. It also provides data reported by individual companies for the year 2012.

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

If you have any questions about the report, please contact Lerma La Plante at 651-539-1827.

We hope that the 2012 *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 651-539-1886. 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

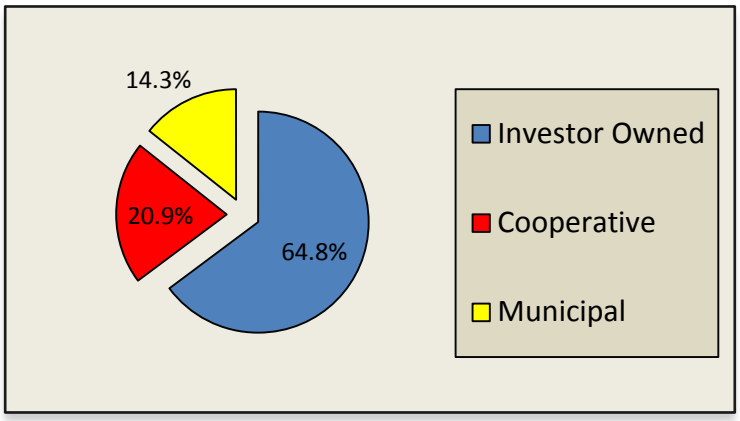
Overview

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 by the state unless they choose such regulation. (Dakota Electric Association is the only utility that has chosen such regulation.) Instead, "municipal utilities are presently effectively regulated by the residents of the municipalities which own and operate them, and cooperative electric associations are presently effectively regulated and controlled by the membership under the provisions of chapter 308A" (Minn. Stat. §216B.01).

Types of Electric Utilities

There are five investor-owned electric utilities serving customers in Minnesota. In 2012 there were 47 distribution cooperatives and 125 municipal electric utilities serving customers in Minnesota. Figure 1, below, shows that, of the electricity sold to retail customers by electric utilities, Minnesota electric consumers buy about two-thirds of their electricity from IOUs and the remainder is split among co-ops and munis.

Figure 1: Minnesota Electric Consumption by Type of Electric Utility[1]

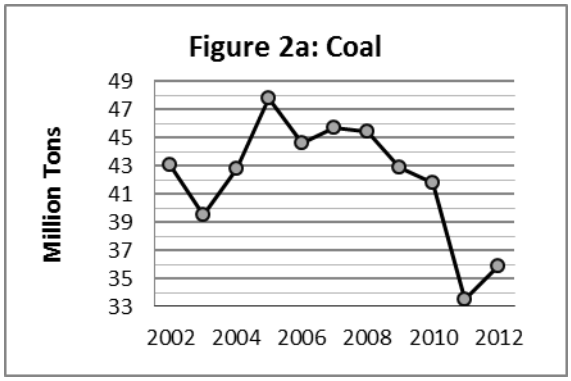


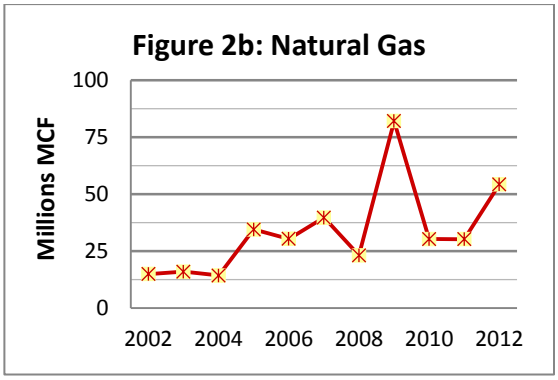
Fuels Used to Generate Electricity

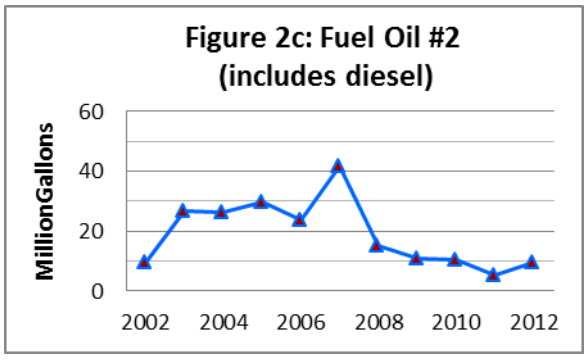
Figures 2a-2e illustrate the consumption of selected fuels (nuclear fuel is excluded) used to generate electricity from plants owned by public utilities serving Minnesota. Each data time series indicates how the use of a particular fuel has changed over the period 2002-2012. The energy derived from a unit of each fuel type is not incorporated into the time series. Therefore, no conclusions should be drawn concerning the relative importance of each fuel in generating Minnesota's electricity.

[1] Based on Tables 1A-1C

Figures 2a-2e: Minnesota Electricity Generation by Selected Fuels, 2002-2012[2]







[2] Based on Table 11 in the 1999-2012 Data Books.

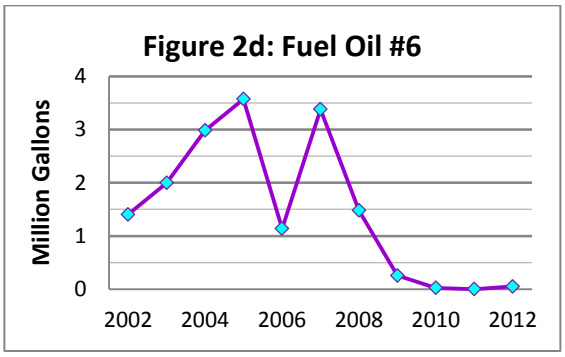


Figure 2d: Fuel Oil #6
Million Gallons
4
3
2
1
0
2002
2004
2006
2008
2010
2012

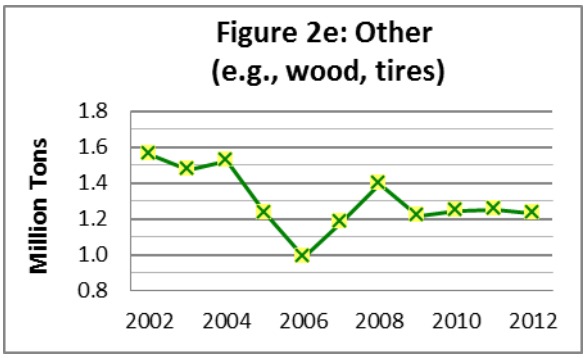


Figure 2e: Other
(e.g., wood, tires)
Million Tons
1.8
1.6
1.4
1.2
1.0
0.8
2002
2004
2006
2008
2010
2012

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, respectively. These tables also show this information for the general types of companies: investor-owned utilities, cooperative utilities, and municipal utilities. According to Table 1, 2012 electric consumption in the residential sector was slightly lower than 2011 consumption. As Figure 3 indicates, residential customers' electricity use is generally increasing over time, even when usage is adjusted for weather impacts. However, at an average of 10.12 megawatt hours per customer over the year, 2012 residential consumption is slightly lower than the peak average of 10.27 megawatt-hours per customer reached in 2006.

Figure 3: Weather-Normalized Electric Use per Residential Customer[3]

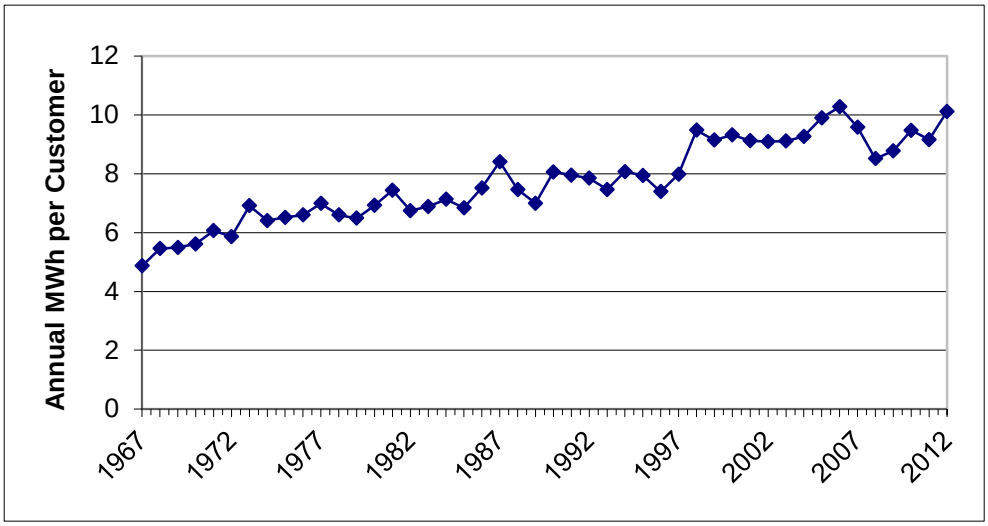


Table 4 through Table 8 provide 2012 electric consumption, numbers of electric customers, electric revenues, average retail prices of electricity per megawatt and data on residential space heating reported by each electric utility serving Minnesota. Table 9 lists utility megawatt-hours sold at retail 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 10 contains general descriptions of utility-owned generation plants serving Minnesota during the 2012 calendar year.

[3] Based on Tables 1 and 2, and heating and cooling degree days information from the National Oceanic and Atmospheric Administration (NOAA). See http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/cdus/degree_days/.

Table 11, the final electric utility table, provides net generation and fuel consumption for utility-owned generation plants producing energy during calendar year 2012. Tables 10 and 11 include the following utilities:

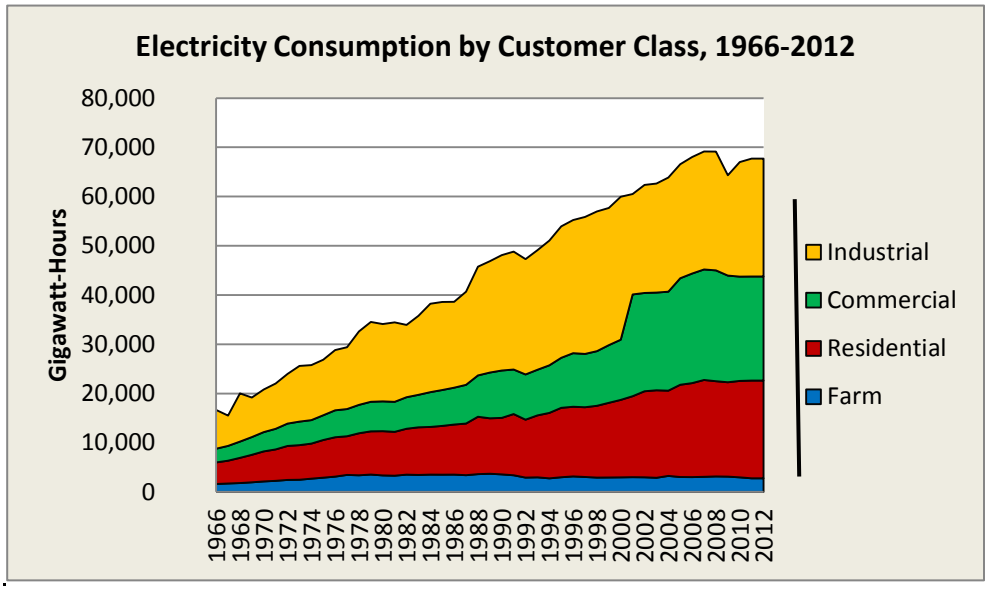
Adrian Public Utilities	Minnesota Municipal Power Agency
Alexandria Light & Power	Minnesota Power
Alliant Energy-Interstate Power Co.	Minnkota Power Cooperative
Austin Utilities	Moorhead Public Service
Benson Municipal Utilities	Moose Lake Water and Light Comm.
Blooming Prairie Public Utilities	Mora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

Table 1: Minnesota Historical Electric Consumption

Table 1 presents consumption data for Minnesota electric utilities by customer class from 1984-2012. Tables 1A-1C show the same information for IOUs, Coops, and Munis.

The long-term trend in electricity consumption in Minnesota has been upward, as Figure 4 below shows. The apparent jump in Commercial customer class electric consumption and accompanying reduction for the Industrial class in 2001 is largely the effect of Xcel Energy's redefinition in 2001 of the criteria for those two customer classes. About 6,000 customers moved from the Industrial to the Commercial class as a result of the redefinition.

Figure 4



Notes for Table 1 through Table 1C – Minnesota Historical Electric Consumption

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

^Xcel Energy redefined its commercial and industrial customer classifications in 2001. The new standards for the classes are:

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

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

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
1966	1,608	4,383	2,787	7,868	16,646
1967	1,710	4,632	3,005	6,157	15,503
1968	1,799	5,118	3,303	9,794	20,013
1969	1,949	5,588	3,603	8,027	19,166
1970	2,126	6,105	3,918	8,654	20,803
1971	2,250	6,381	4,185	9,201	22,017
1972	2,434	6,903	4,543	10,086	23,966
1973	2,472	7,029	4,781	11,309	25,591
1974	2,691	7,121	4,770	11,176	25,758
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

Table 1: Minnesota Historical Electric Consumption, Total Electric Consumption for Minnesota (Gigawatt-Hours), continued

Year	Farm	Non-Farm Residential	Commercial	Industrial	Total
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
2009	3,107	19,169	21,673	20,375	64,325
2010	2,958	19,590	21,190	23,268	67,006
2011	2,763	19,857	21,143	23,946	67,709
2012	2,684	19,496	21,195	23.732	67,107

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
1966	213	3,335	1,924	4,973	10,445
1967	224	3,521	2,049	5,660	11,455
1968	229	3,879	2,227	6,674	13,008
1969	238	4,236	2,469	7,392	14,335
1970	248	4,606	2,679	7,896	15,429
1971	257	4,760	2,842	8,378	16,237
1972	272	5,123	3,041	9,184	17,620
1973	267	5,156	3,178	10,318	18,920
1974	276	5,176	3,168	10,170	18,789
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

Table 1A: Electric Consumption for Investor-Owned Utilities, Electric Consumption (Gigawatt-Hours), continued

Year	Farm	Non-Farm Residential	Commercial	Industrial	Total
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
2009	129	10,444	16,027	14,268	40,869
2010	138	10,807	15,433	16,942	43,321
2011	136	10,847	15,394	17,489	43,867
2012	133	10,726	15,445	17,192	43,497

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
1966	1,381	235	164	65	1,846
1967	1,473	259	177	74	1,983
1968	1,557	316	195	91	2,158
1969	1,696	363	210	149	2,417
1970	1,862	418	237	171	2,688
1971	1,976	490	264	200	2,930
1972	2,148	568	301	232	3,250
1973	2,191	635	325	293	3,443
1974	2,400	670	331	287	3,689
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

Table 1B: Electric Consumption for Cooperative Utilities, Electric Consumption (Gigawatt-Hours), continued

Year	Farm	Non-Farm Residential	Commercial	Industrial	Total
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
2009	2,958	5,997	2,943	2,211	14,109
2010	2,801	5,983	3,015	2,297	14,095
2011	2,608	6,189	3,038	2,309	14,144
2012	2,539	6,042	3,026	2,391	13,998

Table 1C: Electric Consumption for Municipal Utilities

Electric Consumption (Gigawatt-Hours)

Year	Farm	Non-Farm Residential	Commercial	Industrial	Total
1965	13	759	668	386	1,825
1966	13	812	700	423	1,948
1967	13	852	778	423	2,065
1968	14	923	870	430	2,236
1969	14	989	925	486	2,414
1970	15	1,081	1,003	586	2,685
1971	17	1,130	1,080	623	2,849
1972	14	1,212	1,201	670	3,097
1973	14	1,238	1,278	699	3,228
1974	15	1,275	1,271	719	3,280
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

Table 1C: Electric Consumption for Municipal Utilities, Electric Consumption (Gigawatt-Hours), continued

Year	Farm	Non-Farm Residential	Commercial	Industrial	Total
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
2009	19	2,727	2,703	3,896	9,346
2010	19	2,800	2,742	4,029	9,590
2011	19	2,821	2,710	4,148	9,698
2012	12	2,728	2,723	4,149	9,612

Table 2: Number of Minnesota Electric Customers

Table 2 presents customer number data for Minnesota electric utilities by customer class from 1985-2012. Tables 2A-2C show the same information for IOUs, Coops, and Munis.

Other than the customer class designated as "Farm," customer class proportions have remained relatively stable over the years.

Figures: Number of Minnesota Electric Customers by Customer Class

Figure 5a

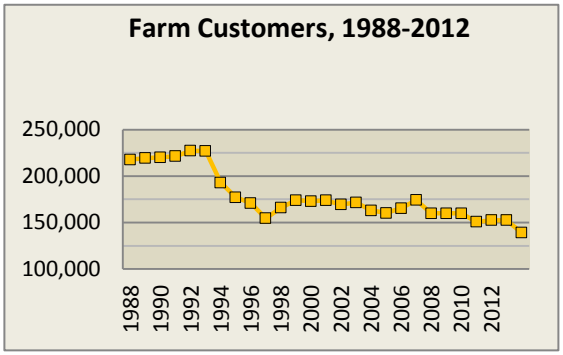


Figure 5b

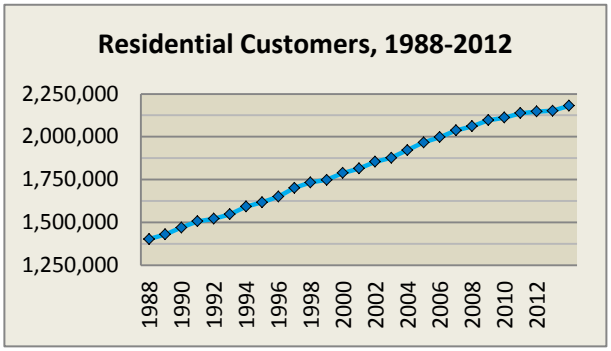


Figure 5c

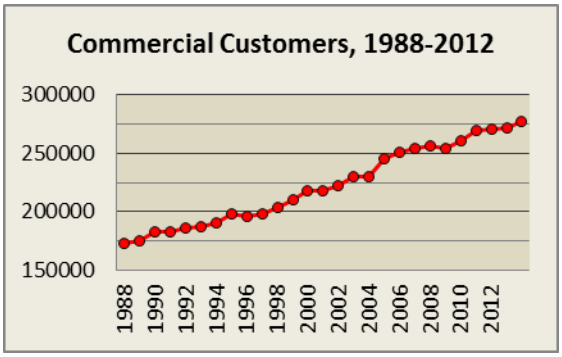


Figure 5d

Notes for Table 2 through Table 2C – Number of Minnesota Electric Customers

^Xcel Energy redefined its commercial and industrial customer classifications in 2001. The new standards for the classes are:

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
1966	182,419	926,968	126,883	6,175	1,242,445
1967	183,968	945,521	128,114	6,295	1,263,898
1968	186,328	970,320	130,414	6,079	1,293,141
1969	188,194	994,230	128,791	6,390	1,317,605
1970	190,269	1,017,938	130,185	6,593	1,344,985
1971	193,405	1,041,982	132,487	6,592	1,374,466
1972	195,623	1,068,694	135,636	6,811	1,406,763
1973	199,334	1,100,014	137,467	6,711	1,443,526
1974	206,248	1,119,078	138,906	6,825	1,471,057
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

Table 2: Number of Minnesota Electric Customers, Total Number of Electric Customers for All Minnesota Utilities, continued

Year	Farm	Non-Farm Residential	Commercial	Industrial	Total
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	174,217	2,036,290	256,621	7,645	2,474,773
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
2009	152,418	2,146,871	271,925	8,126	2,579,340
2010	152,475	2,151,826	276,963	8,168	2,589,432
2011	139,199	2,180,522	281,634	8,484	2,609,839
2012	140,901	2,179,829	283,094	8,937	2,612,761

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
1966	20,079	686,063	84,618	3,571	794,331
1967	19,682	699,106	84,826	3,650	807,264
1968	19,234	715,238	86,150	3,780	824,402
1969	18,592	731,149	86,287	3,804	839,832
1970	17,976	746,802	87,137	3,953	855,868
1971	17,678	759,814	88,277	3,921	869,690
1972	17,432	774,108	89,236	3,999	884,775
1973	17,055	792,467	90,449	4,147	904,118
1974	17,432	774,108	89,236	3,999	884,775
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

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

Year	Farm	Non-Farm Residential	Commercial	Industrial	Total
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
2009	5,073	1,287,473	170,741	1,900	1,465,187
2010	5,296	1,289,376	174,980	1,926	1,471,578
2011	5,278	1,296,378	178,405	1,954	1,482,015
2012	5,198	1,300,894	180,325	1,906	1,488,323

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
1966	159,455	78,647	14,555	560	253,217
1967	161,400	80,886	15,138	594	258,018
1968	164,300	86,807	15,641	680	267,428
1969	166,741	91,890	14,218	704	273,553
1970	169,477	98,638	14,760	804	283,679
1971	172,487	106,291	15,319	861	294,958
1972	175,512	115,250	15,985	946	307,693
1973	179,475	123,780	16,516	1,011	320,782
1974	186,683	126,086	16,323	1,132	330,224
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

Table 2B: Number of Electric Customers for Cooperative Utilities, continued

Year	Farm	Non-Farm Residential	Commercial	Industrial	Total
2004	167,714	487,364	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
2009	145,914	550,374	53,958	2,790	753,036
2010	145,749	553,115	54,863	2,907	756,634
2011	132,463	566,874	54,915	3,091	757,343
2012	135,170	567,715	55,056	3,720	761,661

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
1966	2,885	162,258	27,710	2,037	194,890
1967	2,886	165,529	28,149	2,044	198,608
1968	2,794	168,275	28,622	1,612	201,303
1969	2,861	171,191	28,285	1,875	204,212
1970	2,816	172,498	28,287	1,829	205,430
1971	3,240	175,877	28,890	1,803	209,810
1972	2,679	179,336	30,414	1,859	214,287
1973	2,804	183,767	30,501	1,546	218,618
1974	2,751	186,030	31,120	1,574	221,475
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

Table 2C: Number of Electric Customers for Municipal Utilities, continued

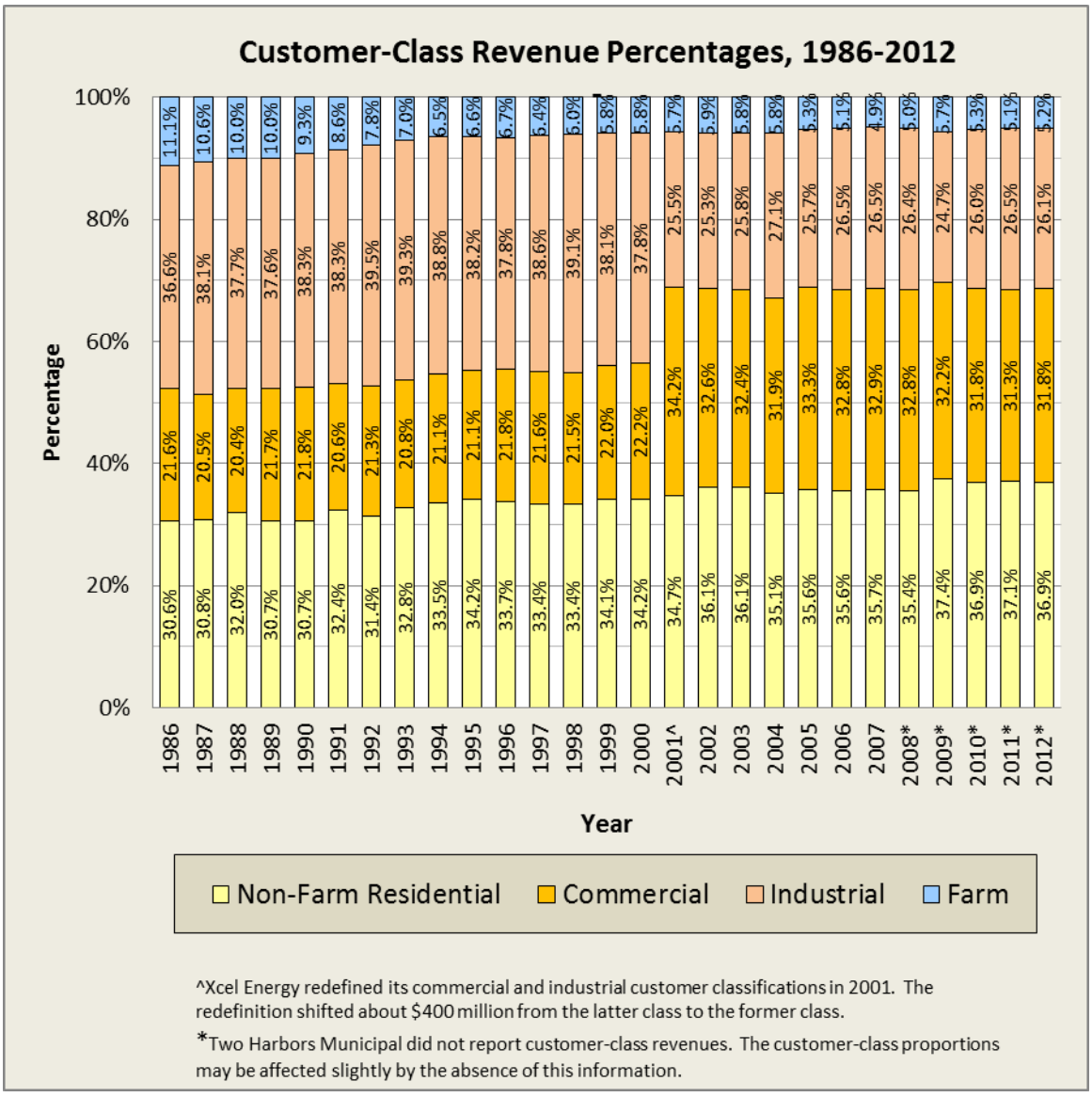
Year	Farm	Non-Farm Residential	Commercial	Industrial	Total
2004	1,405	293,437	44,840	2,988	342,670
2005	1,430	299,890	46,428	3,014	350,762
2006	1,359	303,645	47,050	3,215	355,257
2007	1,184	305,468	46,575	3,341	356,566
2008	2,071	306,216	48,038	3,236	359,561
2009	1,431	309,024	47,226	3,346	361,117
2010	1,430	309,335	47,120	3,335	361,220
2011	1,458	317,270	48,314	3,439	370,481
2012	533	311,220	47,713	3,311	362,777

Table 3: Minnesota Electric Sales Revenue

Table 3 presents revenue data for Minnesota electric utilities by customer class from 1984-2012. Tables 3A-3C show the same information for IOUs, Coops, and Munis.

Figure 6 below shows the percentage of total revenue that Minnesota electric utilities received from each customer class from 1986-2012.[4] The Non-Farm Residential class has grown from about 30 percent to approximately 37 percent of the total over this span. Meanwhile, the Farm class has dropped from about 11 percent to around 5 percent. The chart also indicates that the Commercial class has grown substantially, while the Industrial share has fallen. However, most, or all, of this change occurred in 2001 when Xcel Energy redefined those customer classes, causing about $400 million to shift from the Industrial to the Commercial class. The combined percentage of the two classes has been in the range of 58-60 percent over the period covered.

Figure 6



[4] Based on Table 3.

Notes for Table 3 through Table 3C

^Xcel Energy redefined its commercial and industrial customer classifications in 2001. The new standards for the classes are:

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

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

* Customer class total amounts in Table 3 and Table 3C do not sum to the overall total amounts because Two Harbors Municipal did not provide revenue by customer class. Two Harbors' total revenue is included in the overall totals in the two tables.

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
2009*	293,169	1,936,867	1,670,974	1,278,584	5,182,574
2010*	298,774	2,087,148	1,801,415	1,471,907	5,662,380
2011*	296,865	2,178,479	1,839,432	1,558,510	5,873,287
2012*	308,780	2,203,872	1,896,155	1,556,798	5,968,931

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
2009	10,864	1,039,875	1,175,041	857,055	3,082,834
2010	12,913	1,139,876	1,277,448	1,016,573	3,446,810
2011	13,147	1,179,322	1,297,723	1,077,187	3,567,379
2012	12,899	1,190,215	1,339,883	1,052,774	3,595,772

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
2009	280,687	632,367	253,913	147,216	1,314,183
2010	284,239	663,189	269,322	160,405	1,377,155
2011	281,937	705,307	280,028	163,169	1,430,441
2012	294,679	719,090	290,917	179,617	1,484,303

Table 3C: Electric Sales Revenue for Municipal Utilities

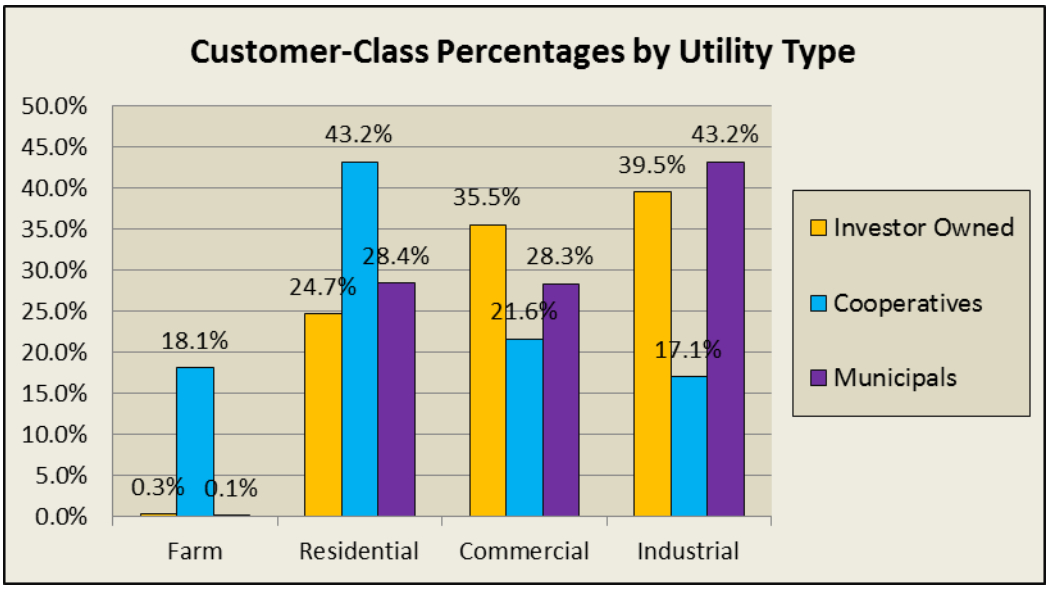
Electric Sales Revenue ($1,000)

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
2009*	1,618	264,625	242,019	274,313	785,556
2010*	1,621	284,082	254,645	294,929	838,415
2011*	1,781	293,851	261,681	318,154	875,467
2012*	1,202	294,567	265,354	324,407	888,857

Table 4: Minnesota Electric Consumption by Utility

The Minnesota 2012 consumption percentages by customer class for each utility type are shown in Figure 7 below. Please note that many utilities have eliminated the "Farm" class as a separate category. Farm customers for those utilities are included in the Residential or Commercial classes.

Figure 7



Note for Table 4: Minnesota Electric Consumption by Utility

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

** Not reported

Table 4: Minnesota Electric Consumption by Utility

2012 Electric Consumption for Investor-Owned Utilities (Megawatt-Hours)

2012	Farm	Non-Farm Residential	Commercial	Industrial	Total
Alliant Energy-Intestate Power & Light Co.	28,581	291,137	182,240	337,508	839,466
Minnesota Power	63,717	979,564	1,307,414	7,037,843	9,388,538
Northwestern Wisconsin Elec Co.	189	177	199	0	565
Otter Tail Power Company	40,781	548,228	293,294	1,202,210	2,084,513
Xcel Energy	0	8,906,808	13,661,939	8,614,827	31,183,574
Total: Investor-Owned Utilities	**133,268**	**10,725,915**	**15,445,086**	**17,192,388**	**43,496,657**

2012 Electric Consumpton for Cooperative Utiltities (Megawatt-Hours)

2012	Farm	Non -Farm Residential	Commercial	Industrial	Total
Dairyland Power Cooperative					
Heartland Power Cooperative	*	*	0	0	715
Freeborn Mower Coop Services	0	99,613	33,740	60,338	193,691
Peoples Coop Power Assoc., Inc.	34,177	*	0	*	219,802
Tri-Co Electric Cooperative	*	42,628	0	*	259,225
Total: Dairyland Power Cooperative	**195,322**	**117,785**	**0**	**115,881**	**673,433**
East River Electric Cooperative					
H-D Electric Cooperative, Inc.	*	*	0	0	153
Lyon-Lincoln Electric Cooperative	56,804	*	18,028	*	84,689
Renville Sibley Coop Power Assn	34,291	27	21,261	102,514	158,093
Traverse Electric Cooperative	*	0	7,034	*	36,274
Total: East River Electric Cooperative	**119,533**	**8,533**	**46,323**	**104,820**	**279,209**

Table 4: Minnesota Electric Consumption by Utility

2012 Electric Consumpton for Cooperative Utiltities,continued

2012	Farm	Non -Farm Residential	Commercial	Industrial	Total
Great River Energy					
Agralite	87,223	3,577	*	*	213,489
Arrowhead Electric Cooperative	0	37,032	25,634	0	62,666
BENCO Electric Cooperative	77,783	85,729	12,493	81,506	257,511
Connexus Energy	9,875	1,170,688	727,713	74,111	1,982,387
Brown Co Rural Electric Assn	60,577	1,515	16,189	57,704	135,985
Coop Lt & Pwr Assoc of Lake Co	0	52,123	*	*	91,839
Crow Wing Coop Power & Light	64,283	333,088	141,104	0	538,475
Dakota Electric Association	11,687	928,607	61,973	872,537	1,874,804
East Central Energy	3,751	485,671	274,692	102,801	866,915
Federated Rural Electric Assn	64,143	4,810	*	*	305,504
Goodhue Co Coop Electric Assn	45,216	35,731	6,311	0	87,258
Itasca-Mantrap Coop Electric	7,667	112,115	*	*	193,956
Kandiyohi Power Cooperative	29,564	70,975	*	*	147,401
Lake Country Power	0	455,761	*	*	590,241
Lake Region Coop Electric Assc	125,161	187,062	*	*	405,402
McLeod Coop Power Association	61,961	43,133	14,580	53,642	173,316
Meeker Coop Light & Power Assn	47,309	84,336	*	*	164,383
Mille Lacs Electric Cooperative	211	112,865	44,630	30,219	187,925
Minnesota Valley Electric Coop	0	420,421	301,048	0	721,469
Nobles Coop Electric	87,917	947	*	*	153,442
North Itasca Electric Cooperative	0	39,043	9,112	0	48,155
Redwood Electric Cooperative	42,352	0	44,849	0	87,201
Runestone Electric Association	55,205	125,821	*	*	212,028
South Central Electric Assn	60,743	0	*	*	181,038
Stearns Coop Electric Assn	141,742	223,623	*	*	484,863
Steele Waseca Coop Electric	100,417	1,419	50,326	96,128	248,290
Todd Wadena Electric Coop	120,545	3,068	*	*	152,058
Wright Hennepin Coop Elec Assn	69,700	456,581	287,575	66,695	880,551
Total: Great River Energy	**1,375,032**	**5,475,741**	**2,596,725**	**2,001,054**	**11,448,552**

Table 4: Minnesota Electric Consumption by Utility

2012 Electric Consumpton for Cooperative Utiltities,continued

2012	Farm	Non -Farm Residential	Commercial	Industrial	Total
Minnkota Power Cooperative					
Beltrami Electric Cooperative	282,954	0	76,267	0	359,221
Clearwater-Polk Electric Coop	0	60,219	8,486	0	68,705
North Star Electric Cooperative	73,738	1,586	34,863	0	110,187
PKM Electric Cooperative, Inc	74,364	0	40,353	0	114,717
Red Lake Electric Cooperative	0	88,945	14,987	18,764	122,696
Red River Valley Coop Power	86,825	0	30,411	0	117,236
Roseau Electric Cooperative	102,644	4,690	*	*	164,617
Wild Rice Electric Cooperative	66,695	140,732	*	*	242,516
Total: MP Cooperative	**687,220**	**296,172**	**255,679**	**60,824**	**1,299,895**
Other Cooperatives					
Iowa Lakes Electric Cooperative	0	246	101	0	347
Minnesota Valley Coop Lt & Pwr	99,485	14,040	4,834	77,918	196,277
Sioux Valley Southwestern	62,266	2,806	4,909	30,089	100,070
Total: Other Cooperatives	**161,751**	**17,092**	**9,844**	**108,007**	**296,694**
Total:Cooperatives	**2,538,858**	**6,041,983**	**3,026,356**	**2,390,586**	**13,997,783**

Table 4: Minnesota Electric Consumption by Utility

2012 Minnesota Electric Consumption for Municipal Utilities (Megawatt-Hours)

2012	Farm	Non -Farm Residential	Commercial	Industrial	Total
Central Minnesota Municipal					
Blue Earth Light & Water Dept	0	14,112	5,974	38,313	58,399
Delano Municipal Utilities	0	18,281	5,845	29,849	53,975
Fairfax Municipal	63	6,282	3,487	3,783	13,615
Glencoe Light & Power Comm	0	21,786	*	*	72,497
Granite Falls, City of	0	12,208	15,524	1,975	29,707
Janesville Municipal Utility	0	7,316	3,946	0	11,262
Kasson City of	0	19,260	11,755	0	31,015
Kenyon Municipal Utilities	0	6,599	3,141	6,061	15,801
Lake Crystal Municipal	129	7,998	8,572	0	16,699
Madelia Municipal Light & Power	0	7,560	*	*	27,621
Mountain Lake Municipal Utilities	1,332	7,526	4,484	11,679	25,021
New Ulm Public Utilities	0	46,038	73,571	70,061	189,670
Sleepy Eye Public Utility	0	13,664	14,404	16,698	44,766
Springfield Public Utilities	0	8,196	4,654	11,172	24,022
Truman Municipal Utility	136	4,126	1,103	6,247	11,612
Windom Municipal Utility	0	20,097	16,397	31,623	68,117
Total:CMMPA	**1,660**	**221,049**	**212,278**	**258,812**	**693,799**
Heartland Consumers Power District					
Marshall Municipal Utilities	0	59,948	35,586	508,347	603,881
Tyler Municipal Light & Power	1,124	8,073	2,692	0	11,889
Total:Heartland	**1,124**	**68,021**	**38,278**	**508,347**	**615,770**
Minnesota Municipal Power Agency					
Anoka City Of	0	77,248	89,630	102,588	269,466
Arlington City Of	0	8,391	*	*	19,645
Brownton Municipal Light & Power	0	3,595	*	*	4,587
City of Chaska-Utility Dept	0	78,349	19,428	239,137	336,914
Le Sueur Municipal Utilities	661	15,320	7,207	70,797	93,985
North St Paul City Of	0	41,587	30,198	0	71,785
Olivia City Of	0	11,455	3,346	13,278	28,079
Shakopee Public Utilities	0	137,367	10,455	252,006	399,828
Winthrop City Of	173	5,510	1,769	7,332	14,784
Total:MMPA	**834**	**378,822**	**171,068**	**688,349**	**1,239,073**
Missouri River Energy Services					
Adrian Public Utilities	0	6,521	*	*	13,445
Alexandria Light & Power	0	72,184	38,369	176,144	286,697
Barnesville Municipal Electric	*	16,070	3,108	*	21,894
Benson Municipal Utilities	*	14,955	6,537	*	36,451
Breckenridge Public Utilities	0	18,759	9,609	11,229	39,597
Detroit Lakes Public Utility	0	62,659	32,894	83,306	178,859
Elbow Lake Municipal Electric	0	8,278	6,935	0	15,213
Henning Electric Department	0	4,172	4,214	0	8,386
Jackson Electric Light & Power	0	13,492	6,032	30,722	50,246
Lake Park Public Utilities	0	3,835	3,823	0	7,658
Lakefield City of	*	8,138	*	0	14,196
Luverne Public Utilities	121	22,025	9,760	41,419	73,325
Madison Municipal Utilities	0	8,313	7,672	247	16,232

Table 4: Minnesota Electric Consumption by Utility

2012 Minnesota Electric Consumption for Municipal Utilities (Megawatt-Hours)

2012	Farm	Non -Farm Residential	Commercial	Industrial	Total
Missouri River Energy, continued					
Moorhead Public Service	0	160,266	35,881	223,431	419,578
Ortonville City of	0	12,523	15,035	0	27,558
St. James City of	*	18,016	22,419	*	59,365
Sauk Centre Public Utilities	0	18,845	10,681	32,079	61,605
Staples City of	0	8,926	5,815	7,064	21,805
Wadena Light & Water	0	21,193	8,655	36,653	66,501
Westbrook Mun Light & Power	*	3,746	1,721	*	7,524
Worthington Municipal Power	0	36,442	68,305	112,185	216,932
Total :MRES	**511**	**539,358**	**309,968**	**793,230**	**1,643,067**
Northern Municipal Power Agency					
Bagley Public Utility	0	6,626	4,114	14,814	25,554
Baudette City of	0	3,957	*	*	21,049
Fosston Municipal Utility	0	9,332	*	*	32,207
Halstad Municipal Utilities	0	4,299	4,012	0	8,311
Hawley Public Utilities	0	10,160	9,166	0	19,326
Roseau Municipal Water & Light	0	13,392	26,863	0	40,255
Stephen Electric Dept	0	3,867	4,528	0	8,395
Thief River Falls Mun Utilities	0	42,117	56,809	35,944	134,870
Warren City of	0	6,257	2,014	4,928	13,199
Warroad Municipal Light & Power	0	7,572	*	*	51,626
Total: NMPA	**0**	**107,579**	**148,095**	**99,118**	**354,792**
Other Municipals					
Ada Water & Light Dept	0	9,271	7,095	3,296	19,662
Aitkin Public Utilities	0	0	0	0	0
Alpha City of	*	714	*	0	1,260
Alvarado Electric Dept	*	2,630	*	0	3,492
Bigelow City of	*	863	*	0	1,318
Biwabik Water Light & Power	0	4,312	2,090	0	6,402
Brainerd Public Utilities	0	50,564	75,071	114,895	240,530
Brewster Electric Light & Power	*	2,068	922	*	3,709
Buffalo City Of	*	40,636	59,807	*	110,814
Buhl Pub Utilities	0	3,897	3,528	0	7,425
Caledonia Mun Light & Power	65	9,540	5,687	10,248	25,540
Ceylon Public Utilities	0	1,888	664	0	2,552
Dundee Electric Utility	**	**	**	**	**
Dunnell Electric Department	0	635	309	0	944
East Grand Forks Water & Light	0	37,160	35,669	92,574	165,402
Eitzen Public Utilities	0	1,474	*	*	2,147
Elk River Municipal Utilities	222	78,385	30,207	164,641	273,455
Ely Water & Light Dept	0	16,264	19,989	0	36,253
Gilbert Water & Light	0	6,275	3,979	0	10,254
Grand Rapids Public Utilities	0	47,917	*	*	165,514
Grove City Electric Dept	**	**	**	**	**
Harmony Electric Dept	0	4,298	*	*	9,565
Hibbing Public Utilities Comm	0	49,989	68,189	7,858	126,036
Hutchinson Utilities Commission	0	53,067	19,657	211,664	284,388
Kandiyohi Municipal Utilities	0	2,545	1,050	0	3,595
Kasota Electric Light	0	3,872	0	0	3,872

Table 4: Minnesota Electric Consumption by Utility

2012 Minnesota Electric Consumption for Municipal Utilities (Megawatt-Hours)

2012	Farm	Non -Farm Residential	Commercial	Industrial	Total
Other Municipals, continued					
Keewatin Public Utilities	0	5,968	*	*	5,968
Lanesboro Public Utilities	0	3,082	3,737	0	6,819
Mabel City of	0	2,632	2,624	0	5,256
Melrose Public Utilities	2,413	18,097	7,438	79,512	107,460
Moose Lake Water & Light Comm	0	4,801	*	*	34,854
Mountain Iron Water & Light	0	9,678	9,901	435	20,014
Nashwauk Public Utilities	0	5,085	4,240	0	9,325
Newfolden Electric	0	2,152	1,998	0	4,150
Nielsville Village Light System	0	391	147	0	538
Peterson Public Utilities	0	*	*	0	1,446
Pierz Utilities	0	*	5,798	*	10,075
Proctor Public Utilities	0	12,519	*	*	24,784
Randall City of	*	2,925	*	0	5,160
Round Lake Electric Dept	0	1,621	*	*	4,560
Rushford City of	0	6,077	*	*	13,181
Rushmore City of	0	1,693	401	0	2,094
Shelly Municipal Light Dept.	0	1,688	587	0	2,275
Spring Grove Municipal Electric	*	4,366	4,282	*	13,131
St Charles Light & Water	*	11,391	6,186	*	21,394
Two Harbors City of	0	11,107	4,206	16,046	31,359
Virginia Dept of Public Utilities	0	34,179	*	*	113,080
Whalen City of	0	*	*	0	459
Willmar Municipal Utilities	0	67,170	95,957	118,105	281,232
Total: Other Municipals	**3,384**	**640,798**	**679,251**	**899,311**	**2,222,743**
Southern Minnesota Municipal Power Agency					
Austin Utilities	0	79,223	*	*	341,018
Blooming Prairie Utilities	0	6,653	17,596	0	24,249
Fairmont Public Utilities	3,542	38,823	54,859	54,749	151,973
Grand Marais Public Utilities	0	7,625	13,823	0	21,448
Lake City Utility Board	586	19,885	18,109	106,006	144,586
Litchfield Public Utilities	0	31,654	*	*	111,281
Mora Municipal Electric Utility	0	11,166	8,568	34,309	54,043
New Prague Municipal Utilities	0	18,562	8,909	38,355	65,826
North Branch Mun Water & Light	0	11,909	11,084	3,127	26,120
Owatonna Public Utilities	0	84,331	108,358	157,104	349,793
Preston Public Utilities	0	4,837	3,464	4,517	12,818
Princeton Public Utilities	0	15,811	12,008	22,600	50,419
Redwood Falls Public Utilities	0	27,525	20,144	20,311	67,980
Rochester Public Utilities	0	342,986	*	*	1,230,443
Spring Valley Pub Utilities Comm	0	8,434	10,811	0	19,245
St Peter Municipal Utilities	0	27,819	36,635	28,624	93,078
Waseca Utility	0	26,731	10,009	25,010	61,750
Wells Public Utilities	0	8,789	8,048	0	16,837
Total:SMMPA	**4,128**	**772,763**	**1,164,502**	**901,515**	**2,842,907**
Total:Municipal Utilities	**11,641**	**2,728,390**	**2,723,439**	**4,148,681**	**9,612,152**
Total:Minnesota	**2,683,767**	**19,496,288**	**21,194,881**	**23,731,655**	**67,106,591**

Table 5: Number of Minnesota Electric Customers by Utility

2012 Number of Minneosta Electric Customers by Investor-Owned Utiltities

2012	Farm	Non-Farm Residential	Commercial	Industrial	Total
Investor-Owned Utilties					
Alliant Energy-Interstate Power & Light Co.	1,414	34,084	7,103	256	42,857
Minnesota Power	2,387	118,310	28,297	411	149,405
Northwestern Wisconsin Elec Co	37	40	23	0	100
Otter Tail Power Company	1,360	47,539	9,934	782	59,615
Xcel Energy	0	1,100,921	134,968	457	1,236,346
Total: Investor-Owned Utilities	**5,198**	**1,300,894**	**180,325**	**1,906**	**1,488,323**

2012 Number of Minnesota Electric Customers for Cooperative Utilities

2012	Farm	Non-Farm Residential	Commercial	Industrial	Total
Dairyland Power Cooperative					
Heartland Power Cooperative	*	*	0	0	39
Freeborn Mower Coop Services	0	5,851	105	6	5,962
Peoples Coop Power Assoc., Inc.	1,278	*	431	*	14,580
Tri-Co Electric Cooperative	*	1,520	443	*	12,985
Total: Dairyland Power Coop	**12,298**	**20,274**	**979**	**15**	**33,566**
East River Electric Cooperative					
H-D Electric Cooperative, Inc.	*	*	0	0	10
Lyon-Lincoln Electric Cooperative	3,121	*	314	*	3,959
Renville Sibley Coop PowerAssn	1,651	15	239	9	1,914
Traverse Electric Cooperative	*	0	75	*	1,747
Total: East River Electric Cooperative	**6,445**	**546**	**628**	**11**	**7,630**

Note for Table 5

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

** Not reported

Table 5- Number of Minnesota Electric Customers by Utility

2012 Number of Minnesota Electric Customers for Cooperative Utilities, continued

2012	Farm	Non-Farm Residential	Commercial	Industrial	Total
Great River Energy					
Agralite Cooperative	4,218	636	*	*	5,096
Arrowhead Electric Cooperative	0	3,654	416	0	4,070
BENCO Electric Cooperative	5,968	6,720	635	596	13,919
Connexus Energy	335	115,240	11,311	28	126,914
Brown County Rural Electric Assn	3,181	119	516	73	3,889
Coop Lt & Power Assoc of Lake Co	0	5,362	*	*	5,922
Crow Wing Coop Power & Light	1,050	39,073	2,276	0	42,399
Dakota Electric Association	352	94,657	4,709	2,636	102,354
East Central Energy	135	47,567	5,107	12	52,821
Federated Rural Electric Assn	3,761	701	*	*	5,027
Goodhue Co Coop Electric Assn	1,472	3,166	258	0	4,896
Itasca-Mantrap Coop Electric	285	10,263	*	*	11,438
Kandiyohi Power Cooperative	1,713	5,438	*	*	8,146
Lake Country Power	0	45,258	*	*	48,593
Lake Region Coop Electric Assc	7,095	17,606	*	*	26,475
McLeod Coop Power Association	2,803	2,305	173	7	5,288
Meeker Coop Light & Power Assn	2,836	5,265	*	*	8,685
Mille Lacs Electric Cooperative	18	13,546	1,148	87	14,799
Minnesota Valley Electric Coop	0	32,123	3,374	0	35,497
Nobles Cooperative Electric	4,361	427	*	*	5,088
North Itasca Electric Cooperative	0	4,951	360	0	5,311
Redwood Electric Cooperative	2,258	0	197	0	2,455
Runestone Electric Association	4,645	8,418	*	*	13,782
South Central Electric Assn	3,430	0	*	*	3,880
Stearns Cooperative Electric Assn	4,840	18,633	*	*	25,004
Steele Waseca Coop Electric	8,093	625	851	13	9,582
Todd Wadena Electric Cooperative	6,654	970	*	*	7,987
Wright Hennepin Coop Elec Assn	1,002	41,780	5,222	9	48,013
Total: Great River Energy	**70,505**	**524,503**	**48,825**	**3,497**	**647,330**

Table 5- Number of Minnesota Electric Customers by Utility

2012 Number of Minnesota Electric Customers for Cooperative Utilities, continued

2012	Farm	Non-Farm Residential	Commercial	Industrial	Total
Minnkota Power Cooperative					
Beltrami Electric Cooperative	18,903	0	1,421	0	20,324
Clearwater-Polk Electric Coop	0	4,128	281	0	4,409
North Star Electric Cooperative	4,856	950	600	0	6,406
PKM Electric Cooperative, Inc	3,373	0	293	0	3,666
Red Lake Electric Cooperative	0	4,856	311	63	5,230
Red River Valley Coop Power	4,141	0	549	0	4,690
Roseau Electric Cooperative	5,642	367	*	*	6,321
Wild Rice Electric Cooperative	2,335	11,132	*	*	13,843
Total: MP Cooperative	**39,250**	**21,433**	**4,139**	**67**	**64,889**
Other Cooperatives					
Iowa Lakes Electric Cooperative	0	16	5	0	21
Minnesota Valley Coop Lt & Power	4,136	765	276	71	5,248
Sioux Valley Southwestern	2,536	178	204	59	2,977
Total: Other Cooperatives	**6,672**	**959**	**485**	**130**	**8,246**
Total: Cooperatives	**135,170**	**567,715**	**55,056**	**3,720**	**761,661**

Table 5: Number of Minnesota Electric Customers by Utility

2012 Number of Minnesota Electric Customers for Municipal Utilities

2012	Farm	Non-Farm Residential	Commercial	Industrial	Total
Central Minnesota Municipal Power Agency					
Blue Earth Light & Water Dept	0	1,639	317	58	2,014
Delano Municipal Utilities	0	2,015	324	82	2,421
Fairfax Municipal	6	577	147	8	738
Glencoe Light & Power Comm	0	2,395	*	*	2,772
Granite Falls City of	0	1,352	277	6	1,635
Janesville	0	1,094	381	0	1,475
Kasson City of	0	2,383	260	0	2,643
Kenyon Municipal Utilities	0	834	122	23	979
Lake Crystal Municipal	13	1,018	180	0	1,211
Madelia Municipal Light & Power	0	1,022	*	*	1,222
Mountain Lake Municipal Utilities	38	899	177	15	1,129
New Ulm Public Utilities	0	5,973	1,059	8	7,040
Sleepy Eye Public Utility	0	1,536	345	14	1,895
Springfield Public Utilities	0	993	237	17	1,247
Truman Municipal Utility	12	525	81	27	645
Windom Municipal Utility	0	2,052	369	17	2,438
Total: CMMPA	**69**	**26,307**	**4,847**	**281**	**31,504**
Heartland Consumers Power District					
Marshall Municipal Utilities	0	5,486	934	87	6,507
Tyler Municipal Light & Power	22	578	151	0	751
Total:Heartland	**22**	**6,064**	**1,085**	**87**	**7,258**
Minnesota Municipal Power Agency					
Anoka City of	0	10,437	1,300	15	11,752
Arlington City of	0	936	*	*	1,094
Brownton Municipal Light & Power	0	338	*	*	387
City of Chaska-Utility Dept.	0	8,521	779	268	9,568
LeSueur Municipal Utilities	19	1,830	308	58	2,215
North St Paul City of	0	5,665	574	0	6,239
Olivia City of	0	1,044	194	65	1,303
Shakopee Public Utilities	0	14,818	1,077	503	16,398
Winthrop City of	13	661	100	19	793
Total: MMPA	**32**	**44,250**	**4,532**	**935**	**49,749**

Table 5: Number of Minnesota Electric Customers by Utility

2012 Number of Minnesota Electric Customers for Municipal Utilities

2012	Farm	Non-Farm Residential	Commercial	Industrial	Total
Missouri River Energy Services					
Adrian Public Utilities	0	532	*	*	645
Alexandria Light & Power	0	7,626	1,631	196	9,453
Barnesville Municipal Electric	*	1,160	113	*	1,291
Benson Municipal Utilities	*	1,522	239	*	1,816
Breckenridge Public Utilities	0	1,529	283	20	1,832
Detroit Lakes Public Utility	0	5,584	1,135	105	6,824
Elbow Lake Municipal Electric	0	697	393	0	1,090
Henning Electric Dept	0	427	123	0	550
Jackson Electric Light & Power	0	1,635	271	46	1,952
Lake Park Public Utilities	0	388	98	0	486
Lakefield City of	*	877	*	0	1,026
Luverne Public Utilities	8	2,072	458	129	2,667
Madison Municipal Utilities	0	795	164	6	965
Moorhead Public Service	0	15,098	1,894	194	17,186
Ortonville City of	0	1,075	268	0	1,343
St. James City of	*	1,867	369	*	2,240
Sauk Centre Public Utilities	0	1,958	379	65	2,402
Staples City of	0	1,006	175	9	1,190
Wadena Light & Water	0	1,910	449	85	2,444
Westbrook Mun Light & Power	*	380	92	*	496
Worthington Municipal Power	0	4,475	833	7	5,315
Total: MRES	**40**	**52,613**	**9,625**	**935**	**63,213**
Northern Municipal Power Agency					
Bagley Public Utility	0	547	154	63	764
Baudette City of	0	575	*	*	754
Fosston Municipal Utility	0	689	*	*	901
Halstad Municipal Utilities	0	272	62	0	334
Hawley Public Utilities	0	900	199	0	1,099
Roseau Municipal Water & Light	0	1,122	184	0	1,306
Stephen Electric Dept	0	286	101	0	387
Thief River Falls Municipal Utilities	0	3,945	719	32	4,696
Warren City of	0	648	109	38	795
Warroad Municipal Light & Power	0	749	*	*	891
Total:NMPA	**0**	**9,733**	**2,054**	**140**	**11,927**

Table 5: Number of Minnesota Electric Customers by Utility

2012 Number of Minnesota Electric Customers for Municipal Utilities

2012	Farm	Non-Farm Residential	Commercial	Industrial	Total
Other Municipals					
Ada Water & Light Dept	0	862	149	33	1,044
Aitkin Public Utilities	0	0	0	0	0
Alpha City of	*	60	*	0	76
Alvarado Electric Dept	*	211	*	0	252
Bigelow City of	*	97	*	0	128
Biwabik Water Light & Power	0	579	32	0	611
Brainerd Public Utilities	0	6,496	1,293	31	7,820
Brewster Electric Light & Power	*	215	39	*	261
Buffalo City of	*	4,905	794	*	5,716
Buhl Public Utilities	0	535	48	0	583
Caledonia Municipal Light & Power	7	1,323	285	26	1,641
Ceylon Public Utilities	0	183	64	0	247
Darwin Electric Dept	0	0	0	0	0
Dundee Electric Utility	**	**	**	**	**
Dunnell Electric Department	0	87	31	0	118
East Grand Forks Water & Light Dept	0	3,637	540	11	4,188
Eitzen Public Utilities	0	133	*	*	153
Elk River Municipal Utilities	19	8,039	1,026	133	9,217
Ely Water & Light Dept	0	1,685	335	0	2,020
Gilbert Water & Light	0	924	80	0	1,004
Grand Rapids Public Utilities	0	5,619	*	*	6,949
Grove City Electric Dept	**	**	**	**	**
Harmony Electric Dept	0	507	*	*	668
Hibbing Public Utilities Commission	0	6,119	889	8	7,016
Hutchinson Utilities Commission	0	6,101	818	125	7,044
Kandiyohi Municipal Utilities	0	313	41	0	354
Kasota Electric Light	0	340	0	0	340
Keewatin Public Utilities	0	550	*	*	556
Lanesboro Public Utilities	0	471	145	0	616
Mabel City of	0	414	83	0	497
Melrose Public Utilities	57	1,301	245	58	1,661
Moose Lake Water & Light Comm	0	743	*	*	997
Mountain Iron Water & Light	0	1,103	139	8	1,250
Nashwauk Public Utilities	0	560	140	0	700
Newfolden Electric	0	189	59	0	248
Nielsville Village Light System	0	50	7	0	57
Peterson Public Utilities	0	*	*	0	117
Pierz Utilities	0	*	133	*	715

Table 5: Number of Minnesota Electric Customers by Utility

2012 Number of Minnesota Electric Customers for Municipal Utilities

2012	Farm	Non-Farm Residential	Commercial	Industrial	Total
Other Municipals, continued					
Proctor Public Utilities	0	1,326	*	*	1,414
Randall City of	*	286	*	0	352
Round Lake Electric Dept	0	222	*	*	260
Rushford City of	0	765	*	*	903
Rushmore City of	0	181	32	0	213
Shelly Municipal Light Dept.	0	125	30	0	155
Spring Grove Municipal Electric	*	648	141	*	796
St Charles Light & Water	*	1,541	221	*	1,774
Two Harbors City of	0	1,641	197	51	1,889
Virginia Dept of Public Utilities	0	4,197	*	*	5,250
Whalen City of	0	*	*	0	48
Willmar Municipal Utilities	0	7,868	1,313	33	9,214
Total: Other Municipals	**107**	**73,892**	**12,562**	**571**	**87,132**
Southern Minnesota Municipal Power Agency					
Austin Utilities	0	10,524	*	*	12,346
Blooming Prairie Utilities	0	838	194	0	1,032
Fairmont Public Utilities	226	4,807	819	12	5,864
Grand Marais Public Utilities	0	892	327	0	1,219
Lake City Utility Board	37	2,668	330	6	3,041
Litchfield Public Utilities	0	2,703	468	6	3,177
Mora Municipal Electric Utility	0	1,566	237	31	1,834
New Prague Municipal Utilities	0	2,225	297	27	2,549
North Branch Mun Water & Light	0	1,682	242	8	1,932
Owatonna Public Utilities	0	10,479	1,246	70	11,795
Preston Public Utilities	0	650	209	16	875
Princeton Public Utilities	0	2,238	307	39	2,584
Redwood Falls Public Utilities	0	2,292	505	55	2,852
Rochester Public Utilities	0	45,244	*	*	49,990
Spring Valley Public Utility	0	1,147	188	0	1,335
St Peter Municipal Utilities	0	3,656	441	7	4,104
Waseca Utility	0	3,631	441	82	4,154
Wells Public Utilities	0	1,119	192	0	1,311
Total:SMMPA	**263**	**98,361**	**13,008**	**362**	**111,994**
Total: Municipal Utilities	**533**	**311,220**	**47,713**	**3,311**	**362,777**
Total: Minnesota	**140,901**	**2,179,829**	**283,094**	**8,937**	**2,612,761**

Table 6: Minnesota Electric Sales Revenue by Utility

2012 Minnesota Electric Sales Revenue for Investor-Owned Utilities

2012 (In $1,000's)	Farm	Non-Farm Residential	Commercial	Industrial	Total
Investor-Owned Utilities					
Alliant Energy-Interstate Power & Light Co.	2,934	30,478	17,195	23,857	74,464
Minnesota Power	6,449	89,345	106,402	365,648	567,844
Northwestern Wisconsin Elec Co	27	25	29	0	80
Otter Tail Power Company	3,489	47,794	23,148	74,986	149,417
Xcel Energy	0	1,022,574	1,193,109	588,283	2,803,967
Total: Investor-Owned Utilities	**12,899**	**1,190,215**	**1,339,883**	**1,052,774**	**3,595,772**

2012 Minnesota Electric Sales Revenue for Cooperative Utilities

2012 (In $1,000's)	Farm	Non-Farm Residential	Commercial	Industrial	Total
Dairyland Power Cooperative					
Heartland Power Cooperative	*	*	0	0	93
Freeborn Mower Coop Services	0	12,565	2,960	4,770	20,294
Peoples Coop Power Assoc., Inc.	5,332	*	4,387	*	29,993
Tri-Co Electric Cooperative	*	267	4,585	*	30,626
Total: Dairyland Power Cooperative	**27,323**	**33,004**	**11,933**	**8,746**	**81,005**
East River Electric Cooperative					
H-D Electric Cooperative, Inc.	*	*	0	0	16
Lyon-Lincoln Electric Cooperative	6,193	*	1,510	*	8,701
Renville Sibley Coop Power Assn	3,609	7	1,928	5,762	11,306
Traverse Electric Cooperative	*	0	709	*	3,884
Total: East River Electric Cooperative	**12,910**	**884**	**4,147**	**5,967**	**23,907**

Notes for Table 6

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

^ Two Harbors did not provide data by customer class. Therefore, customer class totals do not equal the overall total.

** Not reported

Table 6: Minnesota Electric Sales Revenue by Utility

2012 Minnesota Electric Sales Revenue for Cooperative Utilities, continued

2012 (In $1,000's)	Farm	Non-Farm Residential	Commercial	Industrial	Total
Great River Energy					
Agralite	10,272	600	*	*	19,214
Arrowhead Electric Cooperative	0	5,483	2,688	0	8,172
BENCO Electric Cooperative	10,478	9,292	2,185	8,278	30,233
Connexus Energy	1,202	144,134	67,935	6,097	219,368
Brown Co Rural Electric Assn	6,384	169	1,571	4,591	12,715
Coop Lt & Pwr Assoc of Lake Co	0	6,591	*	*	10,642
Crow Wing Coop Power & Light	6,610	35,919	14,134	0	56,663
Dakota Electric Association	1,207	109,646	7,925	69,768	188,546
East Central Energy	480	68,471	27,482	6,458	102,891
Federated Rural Electric Assn	6,089	496	*	*	24,402
Goodhue Co Coop Electric Assn	5,313	4,675	802	0	10,790
Itasca-Mantrap Coop Electric	856	12,850	*	*	19,970
Kandiyohi Power Cooperative	3,394	8,580	*	*	16,745
Lake Country Power	0	59,223	*	*	73,912
Lake Region Coop Electric Assc	13,875	21,411	*	*	43,139
McLeod Coop Power Association	7,577	5,119	1,540	4,103	18,339
Meeker Coop Light & Power Assn	5,870	8,496	*	*	17,650
Mille Lacs Electric Cooperative	28	15,106	4,209	2,888	22,231
Minnesota Valley Electric Coop	0	43,678	24,496	0	68,174
Nobles Coop Electric	9,328	173	*	*	13,810
North Itasca Electric Cooperative	0	5,913	1,100	0	7,013
Redwood Electric Cooperative	5,058	0	3,833	0	8,892
Runestone Electric Association	8,367	11,905	*	*	23,389
South Central Electric Assn	7,890	0	*	*	16,242
Stearns Coop Electric Assn	14,164	22,999	*	*	47,819
Steele Waseca Coop Electric	13,514	298	5,839	7,168	26,819
Todd Wadena Electric Coop	13,454	561	*	*	16,525
Wright Hennepin Coop Elec Assn	7,254	47,247	24,237	5,075	83,813
Total: Great River Energy	**158,664**	**649,034**	**247,056**	**153,362**	**1,208,116**

Table 6: Minnesota Electric Sales Revenue by Utility

2012 Minnesota Electric Sales Revenue for Cooperative Utilities, continued

2012 (In $1,000's)	Farm	Non-Farm Residential	Commercial	Industrial	Total
Minnkota Power Cooperative					
Beltrami Electric Cooperative	32,557	0	8,037	0	40,594
Clearwater-Polk Electric Coop	0	7,129	962	0	8,091
North Star Electric Cooperative	9,112	607	3,740	0	13,459
PKM Electric Cooperative, Inc	8,586	0	4,046	0	12,632
Red Lake Electric Cooperative	0	10,019	1,208	1,856	13,083
Red River Valley Coop Power	10,076	0	3,532	0	13,608
Roseau Electric Cooperative	11,398	648	*	*	16,485
Wild Rice Electric Cooperative	7,661	16,078	*	*	27,011
Total: MP Cooperative	**79,391**	**34,482**	**26,715**	**4,377**	**144,964**
Other Cooperatives					
Iowa Lakes Electric Cooperative	0	31	12	0	42
Minnesota Valley Coop Lt & Pwr	10,038	1,402	482	4,943	16,865
Sioux Valley Southwestern	6,353	253	575	2,223	9,403
Total: Other Cooperatives	**16,390**	**1,686**	**1,068**	**7,166**	**26,310**
Total:Cooperatives	**294,679**	**719,090**	**290,917**	**179,617**	**1,484,303**

Table 6: Minnesota Electric Sales Revenue by Utility

2012 Minnesota Electric Sales Revenue for Municipal Utilities

2012 (In $1,000's)	Farm	Non-Farm Residential	Commercial	Industrial	Total
Central Minnesota Municipal Power Agency					
Blue Earth Light & Water Dept	0	1,466	625	3,250	5,341
Delano Municipal Utilities	0	1,819	562	2,437	4,818
Fairfax Municipal	6	561	355	367	1,289
Glencoe Light & Power Comm	0	2,432	*	*	7,456
Granite Falls, City of	0	1,308	1,339	476	3,122
Janesville Municipal Utility	0	889	437	0	1,326
Kasson City of	0	2,101	945	0	3,046
Kenyon Municipal Utilities	0	785	360	583	1,727
Lake Crystal Municipal	17	1,240	1,132	0	2,389
Madelia Municipal Light & Power	0	1,062	*	*	3,547
Mountain Lake Municipal Utilities	140	732	422	747	2,042
New Ulm Public Utilities	0	6,091	7,910	6,705	20,706
Sleepy Eye Public Utility	0	1,560	1,432	1,684	4,676
Springfield Public Utilities	0	1,134	584	1,265	2,983
Truman Municipal Utility	21	658	178	883	1,741
Windom Municipal Utility	0	1,639	1,341	2,411	5,391
Total:CMMPA	**184**	**25,476**	**22,094**	**23,845**	**71,600**
Heartland Consumers Power District					
Marshall Municipal Utilities	0	5,956	3,713	36,614	46,283
Tyler Municipal Light & Power	98	743	248	0	1,088
Total:Heartland	**98**	**6,699**	**3,961**	**36,614**	**47,371**
Minnesota Municipal Power Agency					
Anoka City Of	0	8,539	8,000	7,690	24,229
Arlington City Of	0	718	*	*	1,677
Brownton Municipal Light & Power	0	340	*	*	438
City of Chaska-Utility Dept	0	9,887	1,872	20,594	32,353
Le Sueur Municipal Utilities	74	1,805	694	5,316	7,889
North St Paul City Of	0	5,141	3,248	0	8,389
Olivia City Of	0	855	263	1,062	2,180
Shakopee Public Utilities	0	15,819	1,081	21,598	38,498
Winthrop City Of	18	598	183	765	1,564
Total:MMPA	**92**	**43,702**	**16,126**	**57,296**	**117,215**

Table 6: Minnesota Electric Sales Revenue by Utility

2012 Minnesota Electric Sales Revenue for Municipal Utilities

2012 (In $1,000's)	Farm	Non-Farm Residential	Commercial	Industrial	Total
Missouri River Energy Services					
Adrian Public Utilities	0	686	*	*	1,364
Alexandria Light & Power	0	6,615	3,344	12,178	22,137
Barnesville Municipal Electric	*	1,573	218	*	2,028
Benson Municipal Utilities	*	1,366	650	*	3,148
Breckenridge Public Utilities	0	1,389	698	829	2,917
Detroit Lakes Public Utility	0	6,073	2,933	6,427	15,433
Elbow Lake Municipal Electric	0	794	758	0	1,552
Henning Electric Department	0	397	370	0	767
Jackson Electric Light & Power	0	1,369	619	2,660	4,648
Lake Park Public Utilities	0	376	358	0	735
Lakefield City of	*	690	*	0	1,206
Luverne Public Utilities	12	2,137	940	3,136	6,225
Madison Municipal Utilities	0	564	510	15	1,089
Moorhead Public Service	0	14,703	3,779	15,980	34,461
Ortonville City of	0	1,078	963	0	2,041
St. James City of	*	1,590	1,936	*	4,834
Sauk Centre Public Utilities	0	1,543	845	2,097	4,484
Staples City of	0	996	640	549	2,185
Wadena Light & Water	0	1,807	605	2,558	4,970
Westbrook Mun Light & Power	*	366	151	*	702
Worthington Municipal Power	0	3,532	5,744	7,633	16,909
Total:MRES	**52**	**49,645**	**27,189**	**56,951**	**133,836**
Northern Municipal Power Agency					
Bagley Public Utility	0	697	418	1,408	2,523
Baudette City of	0	494	*	*	2,210
Fosston Municipal Utility	0	1,066	*	*	3,224
Halstad Municipal Utilities	0	439	405	0	844
Hawley Public Utilities	0	1,155	895	0	2,050
Roseau Municipal Water & Light	0	1,343	2,573	0	3,916
Stephen Electric Dept	0	489	420	0	909
Thief River Falls Mun Utilities	0	4,003	4,704	3,222	11,929
Warren City of	0	789	254	573	1,616
Warroad Municipal Light & Power	0	822	*	*	3,954
Total:NMPA	**0**	**11,298**	**13,449**	**8,429**	**33,176**

Table 6: Minnesota Electric Sales Revenue by Utility

2012 Minnesota Electric Sales Revenue for Municipal Utilities

2012 (In $1,000's)	Farm	Non-Farm Residential	Commercial	Industrial	Total
Other Municipals					
Ada Water & Light Dept	0	674	442	189	1,305
Aitkin Public Utilities	0	0	0	0	0
Alpha City of	*	59	*	0	128
Alvarado Electric Dept	*	311	*	0	421
Bigelow City of	*	69	*	0	80
Biwabik Water Light & Power	0	314	198	0	512
Brainerd Public Utilities	0	4,335	6,388	7,331	18,054
Brewster Electric Light & Power	*	193	86	*	418
Buffalo City Of	*	4,588	6,124	*	11,767
Buhl Pub Utilities	0	294	299	0	593
Caledonia Mun Light & Power	22	1,017	655	602	2,296
Ceylon Public Utilities	0	155	54	0	209
Dundee Electric Utility	**	**	**	**	**
Dunnell Electric Department	0	64	31	0	95
East Grand Forks Water & Light	0	3,667	2,837	7,364	13,867
Eitzen Public Utilities	0	148	*	*	217
Elk River Municipal Utilities	23	10,218	3,408	14,696	28,345
Ely Water & Light Dept	0	1,426	1,828	0	3,254
Gilbert Water & Light	0	610	395	0	1,005
Grand Rapids Public Utilities	0	4,322	*	*	14,044
Grove City Electric Dept	**	**	**	**	**
Harmony Electric Dept	0	426	*	*	971
Hibbing Public Utilities Comm	0	5,836	7,502	442	13,779
Hutchinson Utilities Commission	0	5,203	1,872	18,306	25,380
Kandiyohi Municipal Utilities	0	237	98	0	336
Kasota Electric Light	0	372	0	0	372
Keewatin Public Utilities	0	404	*	*	404
Lanesboro Public Utilities	0	419	480	0	899
Mabel City of	0	340	285	0	625
Melrose Public Utilities	190	1,401	2,054	3,581	7,226
Moose Lake Water & Light Comm	0	470	*	*	2,676
Mountain Iron Water & Light	0	922	1,171	80	2,173
Nashwauk Public Utilities	0	302	251	0	553
Newfolden Electric	0	209	171	0	380
Nielsville Village Light System	0	44	14	0	58
Peterson Public Utilities	0	*	*	0	137
Pierz Utilities	0	*	513	*	906

Table 6: Minnesota Electric Sales Revenue by Utility

2012 Minnesota Electric Sales Revenue for Municipal Utilities

2012 (In $1,000's)	Farm	Non-Farm Residential	Commercial	Industrial	Total
Other Municipals, continued					
Proctor Public Utilities	0	1,093	*	*	2,115
Randall City of	*	241	*	0	434
Round Lake Electric Dept	0	212	*	*	596
Rushford City of	0	855	*	*	1,683
Rushmore City of	0	183	42	0	225
Shelly Municipal Light Dept.	0	139	64	0	203
Spring Grove Municipal Electric	*	617	494	*	1,381
St Charles Light & Water	*	1,767	910	*	3,029
Two Harbors City of ^	0	0	0	0	3,326
Virginia Dept of Public Utilities	0	3,976	*	*	13,043
Whalen City of	0	*	*	0	35
Willmar Municipal Utilities	0	7,474	9,148	9,877	26,499
Total:Other Municipals	**325**	**66,163**	**67,109**	**69,131**	**206,054**
Southern Minnesota Municipal Power Agency					
Austin Utilities	0	9,822	*	*	32,527
Blooming Prairie Utilities	0	749	1,632	0	2,381
Fairmont Public Utilities	383	4,152	5,203	4,647	14,384
Grand Marais Public Utilities	0	908	1,392	26	2,326
Lake City Utility Board	70	2,470	1,946	8,565	13,051
Litchfield Public Utilities	0	2,783	3,464	2,744	8,991
Mora Municipal Electric Utility	0	1,182	804	2,777	4,763
New Prague Municipal Utilities	0	2,048	839	3,168	6,056
North Branch Mun Water & Light	0	1,624	1,327	350	3,301
Owatonna Public Utilities	0	9,842	10,392	13,116	33,351
Preston Public Utilities	0	466	334	378	1,178
Princeton Public Utilities	0	2,423	1,183	2,778	6,385
Redwood Falls Public Utilities	0	2,460	1,571	1,378	5,409
Rochester Public Utilities	0	41,924	*	*	126,239
Spring Valley Pub Utilities Comm	0	1,033	822	0	1,855
St Peter Municipal Utilities	0	3,674	3,681	2,426	9,781
Waseca Utility	0	2,927	1,119	1,494	5,540
Wells Public Utilities	0	1,097	989	0	2,086
Total: SMMPA	**453**	**91,584**	**115,427**	**72,142**	**279,605**
Total: Municipal Utilities	**1,202**	**294,567**	**265,354**	**324,407**	**888,857**
Total: Minnesota	**308,780**	**2,203,872**	**1,896,155**	**1,556,798**	**5,968,931**

Notes for Table 6

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

^ Two Harbors did not provide data by customer class. Therefore, customer class totals do not equal the overall total.

** Not reported

Table 7: Minnesota Average Retail Price of Electricity by Utility

The average retail price depicted in the tables below was calculated by dividing the total revenues for each customer class from Table 6 by the corresponding consumption data in Table 4.

2012 Minnesota Electric Average Retail Price Charged by Investor-Owned Utilities

2012 (Per Megawatt)	Farm	Non-Farm Residential	Commercial	Industrial	Average Total
Alliant Energy-Interstate Power & Light Co.	$102.66	$104.68	$94.36	$70.69	$93.10
Minnesota Power	$101.21	$91.21	$81.38	$51.95	$81.44
Northwestern Wisconsin Elec Co.	$140.44	$139.38	$144.48		$141.44
Otter Tail Power Company	$85.56	$87.18	$78.92	$62.37	$78.51
Xcel Energy		$114.81	$87.33	$68.29	$90.14
Average Total: Investors-Owned Utilities	**$107.47**	**$107.45**	**$97.30**	**$63.33**	**$93.89**

2012 Minnesota Electric Average Retail Price Charged by Cooperative Utilities

2012 (Per Megawatt)	Farm	Non-Farm Residential	Commercial	Industrial	Average Total
Dairyland Power Cooperative					
Heartland Power Cooperative	*	*			$133.30
Freeborn Mower Coop Services		$126.13	$87.72	$79.05	$97.64
Peoples Coop Power Assoc., Inc.	$156.01	*	$105.93	*	$131.17
Tri-Co Electric Cooperative	*	$178.79	$107.57	*	$123.24
Average Total: Dairyland Power Cooperative	**$143.25**	**$143.76**	**$100.41**	**$90.39**	**$119.45**
East River Electric Cooperative					
H-D Electric Cooperative, Inc.	*	*			$136.42
Lyon-Lincoln Electric Cooperative	$109.02	*	$83.73	*	$96.73
Renville Sibley Coop Power Assn	$105.26	*	*	$56.21	$123.53
Traverse Electric Cooperative	*		$100.83	*	$98.08
Average Total: East River Electric Cooperative	**$124.14**	**$148.32**	**$91.75**	**$77.11**	**$110.33**

Note for Table 7

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

^ Two Harbors did not provide data by customer class. Therefore, customer class totals do not equal the overall total.

** Not reported

Table 7: Minnesota Average Retail Price of Electricity by Utility

2012 Minnesota Electric Average Retail Price Charged by Cooperative Utilities, continued

2012 (Per Megawatt)	Farm	Non-Farm Residential	Commercial	Industrial	Average Total
Great River Energy					
Agralite	$117.76	$167.73	*	*	$105.28
Arrowhead Electric Cooperative		$148.07	$104.88		$126.47
BENCO Electric Cooperative	$134.71	$108.39	$174.88		$139.33
Connexus Energy	$121.74	$123.12	$93.35	$82.27	$105.12
Brown Co Rural Electric Assn	$105.39	$111.59	$97.03	$79.56	$98.39
Coop Lt & Pwr Assoc of Lake Co		$126.45	*	*	$110.88
Crow Wing Coop Power & Light	$102.82	$107.84	$100.17		$103.61
Dakota Electric Association	$103.25	$118.08	$127.88	$79.96	$107.29
East Central Energy	$128.03	$140.98	$100.05	$62.82	$107.97
Federated Rural Electric Assn	$94.92	$103.09	*	*	$88.83
Goodhue Co Coop Electric Assn	$117.51	$130.83	$127.02		$125.12
Itasca-Mantrap Coop Electric	$111.65	$114.61	*	*	$101.94
Kandiyohi Power Cooperative	$114.79	$120.88	*	*	$104.97
Lake Country Power		$129.94	*	*	$111.73
Lake Region Coop Electric Assc	$110.85	$114.46	*	*	$97.30
McLeod Coop Power Association	$122.29		$105.59	$76.49	$101.46
Meeker Coop Light & Power Assn	$124.09	$100.74	*	*	$99.81
Mille Lacs Electric Cooperative	$132.55	$133.84	$94.31	$95.59	$114.07
Minnesota Valley Electric Coop		$103.89	$81.37		$92.63
Nobles Coop Electric	$106.10	$183.17	*	*	$109.58
North Itasca Electric Cooperative		$151.45	$120.70		$136.07
Redwood Electric Cooperative	$119.44		$85.47		$102.45
Runestone Electric Association	$151.56	$94.62	*	*	$109.21
South Central Electric Assn	$129.90		*	*	$96.96
Stearns Coop Electric Assn	$99.93	$102.85	*	*	$93.74
Steele Waseca Coop Electric	$134.58	$209.93	$116.03	$74.57	$133.78
Todd Wadena Electric Coop	$111.61	$182.92	*	*	$112.43
Wright Hennepin Coop Elec Assn	$104.07	$103.48	$84.28	$76.09	$91.98
Average Total: Great River Energy	**$117.37**	**$129.32**	**$104.62**	**$73.69**	**$106.25**

Table 7: Minnesota Average Retail Price of Electricity by Utility

2012 Minnesota Electric Average Retail Price Charged by Cooperative Utilities, continued

2012 (Per Megawatt)	Farm	Non-Farm Residential	Commercial	Industrial	Average Total
Minnkota Power Cooperative					
Beltrami Electric Cooperative	$115.06		$105.38		$110.22
Clearwater-Polk Electric Coop		$118.39	$113.36		$115.88
North Star Electric Cooperative	$123.58	$382.88	$107.27		$204.57
PKM Electric Cooperative, Inc	$115.46		$100.27		$107.87
Red Lake Electric Cooperative		$112.64	$80.60	$98.92	$97.39
Red River Valley Coop Power	$116.05		$116.13		$116.09
Roseau Electric Cooperative	$111.04	$138.21	*	*	$106.43
Wild Rice Electric Cooperative	$114.87	$114.25	*	*	$96.31
Average Total: MP Cooperative	**$116.01**	**$173.27**	**$104.43**	**$73.04**	**$116.69**
Other Cooperatives					
Iowa Lakes Electric Cooperative		$124.13	$114.66		$119.40
Minnesota Valley Coop Lt & Pwr	$100.90	$99.88	$99.62	$63.44	$90.96
Sioux Valley Southwestern	$102.02	$90.16	$117.07	$73.87	$95.78
Average Total: Other Cooperatives	**$101.46**	**$104.73**	**$110.45**	**$68.66**	**$96.32**
Average Total:Cooperatives	**$120.45**	**$139.88**	**$102.33**	**$76.58**	**$109.81**

Table 7: Minnesota Average Retail Price of Electricity by Utility

2012 Minnesota Electric Average Retail Price Charged by Municipal Utilities

2012 (Per Megawatt)	Farm	Non-Farm Residential	Commercial	Industrial	Average Total
Central Minnesota Municipal Power Agency					
Blue Earth Light & Water Dept		$103.88	$104.62	$84.83	$97.78
Delano Municipal Utilities		$99.53	$96.15	$81.64	$92.44
Fairfax Municipal	$100.56	$89.31	$101.81	$97.00	$97.17
Glencoe Light & Power Comm		$111.63	*	*	$101.40
Granite Falls, City of		$107.12	$86.23	$240.78	$144.71
Janesville Municipal Utility		$121.52	$110.69		$116.11
Kasson City of		$109.09	$80.39		$94.74
Kenyon Municipal Utilities		$118.90	$114.47	$96.11	$109.83
Lake Crystal Municipal	$128.69	$155.05	$132.11		$138.62
Madelia Municipal Light & Power		$140.47	*	*	$128.59
Mountain Lake Municipal Utilities	$105.18	$97.26	$94.19	$64.00	$90.16
New Ulm Public Utilities		$132.30	$107.51	$95.71	$111.84
Sleepy Eye Public Utility		$114.17	$99.42	$100.85	$104.81
Springfield Public Utilities		$138.42	$125.39	$113.21	$125.67
Truman Municipal Utility	$156.99	$159.35	$161.87	$141.42	$154.91
Windom Municipal Utility		$81.55	$81.78	$76.24	$79.85
Average Total:CMMPA	**$122.85**	**$117.47**	**$108.20**	**$107.32**	**$113.96**
Heartland Consumers Power District					
Marshall Municipal Utilities		$99.35	$104.35	$72.02	$91.91
Tyler Municipal Light & Power	$86.77	$92.01	$91.97		$61.33
Average Total:Heartland	**$86.77**	**$95.68**	**$98.16**	**$72.02**	**$88.16**
Minnesota Municipal Power Agency					
Anoka City Of		$110.54	$89.25	$74.96	$91.58
Arlington City Of		$85.58	*	*	$84.83
Brownton Municipal Light & Power		$94.58	*	*	$97.81
City of Chaska-Utility Dept		$126.19	$96.34	$86.12	$102.88
Le Sueur Municipal Utilities	$111.44	$117.79	$96.36	$75.08	$100.17
North St Paul City Of		$123.63	$107.55		$115.59
Olivia City Of		$74.66	$78.52	$79.99	$77.72
Shakopee Public Utilities		$115.16	$103.41	$85.70	$101.42
Winthrop City Of	$104.05	$108.53	$103.45	$104.34	$105.09
Average Total:MMPA	**$107.74**	**$106.30**	**$95.42**	**$86.26**	**$98.93**

Table 7: Minnesota Average Retail Price of Electricity by Utility

2012 Minnesota Electric Average Retail Price Charged by Municipal Utilities

2012 (Per Megawatt)	Farm	Non-Farm Residential	Commercial	Industrial	Average Total
Missouri River Energy Services					
Adrian Public Utilities		$105.27	*	*	$113.43
Alexandria Light & Power		$91.64	$87.16	$69.14	$82.64
Barnesville Municipal Electric	*	$97.91	$70.17	*	$88.06
Benson Municipal Utilities	*	$91.35	$99.39	*	$93.84
Breckenridge Public Utilities		$74.07	$72.65	$73.86	$73.52
Detroit Lakes Public Utility		$96.92	$89.17	$77.15	$87.75
Elbow Lake Municipal Electric		$95.95	$109.34		$102.64
Henning Electric Department		$95.26	$87.78		$91.52
Jackson Electric Light & Power		$101.44	$102.59	$86.59	$96.87
Lake Park Public Utilities		$98.17	$93.66		$95.92
Lakefield City of	*	$84.75	*		$85.58
Luverne Public Utilities	$103.02	$97.03	$96.30	$75.71	$93.01
Madison Municipal Utilities		$67.83	$66.49	$62.61	$65.64
Moorhead Public Service		$91.74	$105.31	$71.52	$89.52
Ortonville City of		$86.05	$64.05		$75.05
St. James City of	*	$88.26	$86.34	*	$82.85
Sauk Centre Public Utilities		$81.85	$79.08	$65.36	$75.43
Staples City of		$111.58	$110.08	$77.70	$99.79
Wadena Light & Water		$85.27	$69.91	$69.78	$74.99
Westbrook Mun Light & Power	*	$97.77	$88.02	*	$94.15
Worthington Municipal Power		$96.91	$84.10	$68.04	$83.02
Average Total:MRES	**$97.78**	**$92.24**	**$87.70**	**$78.57**	**$89.07**
Northern Municipal Power Agency					
Bagley Public Utility		$105.15	$101.71	$95.07	$100.64
Baudette City of		$124.84	*	*	$108.88
Fosston Municipal Utility		$114.27	*	*	$102.87
Halstad Municipal Utilities		$102.08	$100.95		$101.51
Hawley Public Utilities		$113.68	$97.62		$105.65
Roseau Municipal Water & Light		$100.30	$95.78		$98.04
Stephen Electric Dept		$126.46	$92.83		$109.65
Thief River Falls Mun Utilities		$95.06	$82.81	$89.63	$89.16
Warren City of		$126.17	$126.21		$126.19
Warroad Municipal Light & Power		$108.58	*	*	$87.39
Average Total:NMPA		**$111.66**	**$97.85**	**$90.75**	**$100.09**

Table 7: Minnesota Average Retail Price of Electricity by Utility

2012 Minnesota Electric Average Retail Price Charged by Municipal Utilities

2012 (Per Megawatt)	Farm	Non-Farm Residential	Commercial	Industrial	Average Total
Other Municipals					
Ada Water & Light Dept		$72.70	$62.26	$57.34	$64.10
Aitkin Public Utilities**					**
Alpha City of	*	$82.63	*		$99.89
Alvarado Electric Dept	*	$118.25	*		$126.38
Bigelow City of	*	$79.95	*		$53.19
Biwabik Water Light & Power		$72.85	$94.91		$83.88
Brainerd Public Utilities		$85.73	$85.09	$63.81	$78.21
Brewster Electric Light & Power	*	$93.15	$93.31	*	$121.02
Buffalo City Of	*	$112.90	$102.40	*	$118.66
Buhl Pub Utilities		$75.54	$84.73		$80.14
Caledonia Mun Light & Power	$338.46	$106.60	$115.17	$58.74	$154.75
Ceylon Public Utilities		$82.02	$81.94		$81.98
Dundee Electric Utility**					**
Dunnell Electric Department		$100.89	$99.55		$100.22
East Grand Forks Water & Light		$98.67	$79.53	$79.55	$85.92
Eitzen Public Utilities		$100.28	*	*	$101.74
Elk River Municipal Utilities	$103.20	$130.36	$112.82	$89.26	$108.91
Ely Water & Light Dept		$87.65	$91.46		$89.56
Gilbert Water & Light		$97.21	*	*	$98.25
Grand Rapids Public Utilities		$90.20	*	*	$82.51
Grove City Electric Dept**					**
Harmony Electric Dept		$99.12	*	*	$104.02
Hibbing Public Utilities Comm		$116.74	$110.01	$56.23	$94.33
Hutchinson Utilities Commission		$98.04	$95.23	$86.48	$93.25
Kandiyohi Municipal Utilities		$93.24	$93.74		$93.49
Kasota Electric Light		$96.01			$96.01
Keewatin Public Utilities		$67.73	*	*	$67.73
Lanesboro Public Utilities		$136.08	$128.34		$132.21
Mabel City of		$129.18	$108.61		$118.90
Melrose Public Utilities	$78.78	$77.42	$276.16	$45.03	$119.35
Moose Lake Water & Light Comm		$98.00	*	*	$82.98
Mountain Iron Water & Light		$95.24	$118.32	$183.85	$132.47
Nashwauk Public Utilities		$59.39	$59.20		$59.29
Newfolden Electric		$97.31	$85.34		$91.32
Nielsville Village Light System		$112.18	$96.18		$104.18

Table 7: Minnesota Average Retail Price of Electricity by Utility

2012 Minnesota Electric Average Retail Price Charged by Municipal Utilities

2012 (Per Megawatt)	Farm	Non-Farm Residential	Commercial	Industrial	Average Total
Other Municipals, continued					
Peterson Public Utilities		*	*		$102.73
Pierz Utilities		*	$88.52	*	$90.12
Proctor Public Utilities		$87.32	*	*	$84.44
Randall City of	*	$82.39	*		$86.61
Round Lake Electric Dept		$130.78	*	*	$117.59
Rushford City of		$140.65	*	*	$365.36
Rushmore City of		$108.17	$105.17		$106.67
Shelly Municipal Light Dept.		$82.10	$109.58		$95.84
Spring Grove Municipal Electric	*	$141.23	$115.26	*	$111.02
St Charles Light & Water	*	$155.11	$147.05	*	$178.60
Two Harbors City of ^					$106.08
Virginia Dept of Public Utilities		$116.34	*	*	$102.32
Whalen City of		*	*		$94.68
Willmar Municipal Utilities		$111.27	$95.33	$83.63	$96.74
Average Total:Other Municipals	**$147.76**	**$100.17**	**$99.71**	**$129.25**	**$119.22**
Southern Minnesota Municipal Power Agency					
Austin Utilities		$123.98	*	*	$98.92
Blooming Prairie Utilities		$112.54	$92.77		$102.66
Fairmont Public Utilities	$108.03	$106.93	$94.84	$84.88	$98.67
Grand Marais Public Utilities	$0.00	$119.07	$100.72		$109.90
Lake City Utility Board	$119.53	$124.19	$107.47	$80.80	$108.00
Litchfield Public Utilities		$87.93	*	*	$81.76
Mora Municipal Electric Utility		$105.89	$93.82	$80.93	$93.55
New Prague Municipal Utilities		$110.34	$94.20	$82.60	$95.72
North Branch Mun Water & Light		$136.34	$119.73	$111.87	$122.65
Owatonna Public Utilities		$116.71	$95.91	$83.49	$98.70
Preston Public Utilities		$96.31	$96.55	$83.68	$92.18
Princeton Public Utilities		$153.28	$98.54	$122.94	$124.92
Redwood Falls Public Utilities		$89.37	$77.99	$67.87	$78.41
Rochester Public Utilities		$122.23	*	*	$101.33
Spring Valley Pub Utilities Comm		$122.43	$76.04		$99.24
St Peter Municipal Utilities		$132.09	$100.49	$84.74	$105.77
Waseca Utility		$109.49	$111.77	$59.75	$93.67
Wells Public Utilities		$124.82	$122.92		$123.87
Average Total: SMMPA	**$113.78**	**$116.33**	**$98.83**	**$82.88**	**$102.95**
Average Total: Municipal Utilities	**$96.67**	**$105.69**	**$97.98**	**$92.44**	**$98.19**

Table 8: Minnesota Residential Electric Space Heating Customers

2012 Minnesota Electric Space Heating Customers for Investor-Owned Utilities

2012	Customers	Megawatt-Hours**
Investor-Owned Utilities		
Alliant Energy- Interstate Power & Light Co.	1,502	15,664
Minnesota Power	13,783	164,932
Otter Tail Power Company	7,325	120,636
Xcel Energy	31,321	357,914
Total: Investor-Owned Utilities	**53,931**	**659,146**

2012 Minnesota Electric Space Heating Customers for Cooperative Utilities

2012	Customers	Megawatt-Hours**
Dairyland Power Cooperative		
Freeborn Mower Electric Cooperative	*	*
Heartland Power Cooperative	*	*
Peoples Coop Power Assoc., Inc.	1,027	14,100
Tri-Co Electric Cooperative	1,846	51,658
Total: Dairyland Power	**3,557**	**71,078**
East River Electric Cooperative		
H-D Electric Cooperative, Inc	*	*
Lyon-Lincoln Electric Cooperative	1,226	12,669
Renville Sibley Cooperative Power	583	7,134
Traverse Electric Cooperative	*	*
Total: East River Electric	**2,519**	**27,104**

Notes for Table 8

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

** Some utilities report controlled usage only.

Table 8: Minnesota Residential Electric Space Heating Customers

2012 Minnesota Electric Space Heating Customers for Cooperative Utilities, continued

2012	Customers	Megawatt-Hours**
Great River Energy		
Agralite Cooperative	1,397	13,611
Arrowhead Electric Cooperative	1,349	21,547
BENCO Electric Cooperative	588	9,977
Brown County Rural Electric Assn	612	5,097
Connexus Energy	576	5,505
Coop Light & Power Assoc of Lake Co	904	19,302
Crow Wing Cooperative Power & Light	9,986	83,977
Dakota Electric Association	598	10,813
East Central Electric Association	7,113	1,656
Federated Rural Electric Association	628	9,803
Goodhue County Coop Electric Assn	820	4,262
Itasca-Mantrap Cooperative Electric	3,078	42,017
Kandiyohi Cooperative Electric Power	2,495	15,776
Lake Country Power	11,402	147,093
Lake Region Cooperative Electric Assc	5,689	59,623
McLeod Cooperative Power Association	1,850	13,769
Meeker Cooperative Light & Power Assn	2,944	36,883
Mille Lacs Electric Cooperative*	3,300	26,000
Minnesota Valley Electric Cooperative	4,477	91,467
Nobles Cooperative Electric	540	13,196
North Itasca Electric Cooperative	838	9,932
Redwood Electric Cooperative	550	14,777
Runestone Electric Association	4,234	82,124
South Central Electric Association	275	4,800
Stearns Cooperative Electric Assn	3,839	88,714
Steele Waseca Cooperative Electric	1,009	9,493
Todd Wadena Cooperative	2,878	32,040
Wright Hennepin Cooperative Electric	5,488	43,644
Total: Great River Energy	**79,457**	**916,898**

Table 8: Minnesota Residential Electric Space Heating Customers

2012 Minnesota Electric Space Heating Customers for Cooperative Utilities, continued

2012	Customers	Megawatt-Hours**
Minnkota Power Cooperative		
Beltrami Electric Cooperative	7,897	150
Clearwater-Polk Electric Cooperative	1,729	38,018
North Star Electric Cooperative	2,384	30,819
PKM Electric Cooperative	1,788	24
Red Lake Electric Cooperative	2,642	24,435
Red River Valley Cooperative Power	2,043	25,751
Roseau Electric Cooperative	3,024	38,197
Wild Rice Electric Cooperative	5,860	57,429
Total: MPC – Cooperative	**27,367**	**214,823**
Other Cooperatives		
Iowa Lakes Electric Cooperative	*	*
Minnesota Valley Coop Light & Power	*	*
Sioux Valley Southwestern Electric	827	27,033
Total: Other Cooperatives	**1,220**	**30,987**
Total: Cooperatives	**114,120**	**1,260,890**

Table 8: Minnesota Residential Electric Space Heating Customers

2012 Minnesota Electric Space Heating Customers for Municipal Utilities

2012	Customers	Megawatt-Hours**
Central Minnesota Municipal Power Agency		
Blue Earth Light & Water Department	64	574
Delano Municipal Utilities	92	866
Fairfax Municipal	111	1,544
Glencoe Light & Power Commission	94	1,166
Granite Falls City of	0	0
Janesville	0	0
Kasson City of	35	302
Kenyon Municipal Utilities	19	142
Lake Crystal Municipal	67	580
Madelia Municipal Light & Power	62	374
New Ulm Public Utilities	10	484
Sleepy Eye Public Utility	61	982
Springfield	68	789
Truman Municipal Utility	13	295
Windom Municipal Utility	34	620
Total: CMMPA	**730**	**8,718**
Heartland Consumers Power District		
Marshall Municipal Utilities	1,749	23,410
Tyler Municipal Light & Power	205	3
Total: Heartland	**1,954**	**23,413**
Minnesota Municipal Power Agency		
Anoka City of	79	1,164
Arlington City of	12	254
Brownton Municipal Light & Power	30	258
Chaska City of	33	3,370
Le Sueur Municipal Utilities	*	*
North St Paul City of	16	161
Olivia City of	90	2,010
Shakopee Public Utilities	0	3,902
Winthrop City of	*	*
Total: MMPA	**270**	**11,321**

Table 8: Minnesota Residential Electric Space Heating Customers

2012 Minnesota Electric Space Heating Customers for Municipal Utilities

2012	Customers	Megawatt-Hours**
Missouri River Energy Services		
Adrian Public Utilities	67	2,002
Alexandria Public Works	1,108	15,401
Barnesville Municipal Electric	383	6,882
Benson Municipal Utilities	130	1,103
Breckenridge Public Utilities	511	7,006
Detroit Lakes Public Utility	1,390	21,245
Elbow Lake Municipal Electric	113	2,952
Henning Electric Dept	0	0
Jackson Electric Light & Power	238	1,769
Lake Park Public Utilities	36	694
Lakefield City of	53	517
Luverne Municipal Utilities	262	3,613
Madison Municipal Utilities	122	1,697
Moorhead Public Service	3,601	48,968
Ortonville City Of	227	2,590
St. James City of	236	2,704
Sauk Centre Water Light & Power	258	3,979
Staples City of	69	517
Wadena Light & Water	400	6,037
Worthington Municipal Power	215	1,621
Total: MRES	**9,419**	**131,297**
Northern Municipal Power Agency		
Bagley Public Utility	222	2,175
Baudette City of	111	836
Fosston Municipal Utility	322	3,542
Halstad Municipal Utilities	110	1,727
Hawley Public Utilities	165	1,254
Roseau Municipal Water & Light	356	6,865
Stephen Electric Dept	94	1,267
Thief River Falls Municipal Utilities	458	3,432
Warren City of	118	1,558
Warroad Municipal Light & Power	160	1,379
Total: NMPA	**2,116**	**24,035**

Table 8: Minnesota Residential Electric Space Heating Customers

2012 Minnesota Electric Space Heating Customers for Municipal Utilities

2012	Customers	Megawatt-Hours**
Other Municipals		
Ada Water & Light Dept	186	385
Aitkin Public Utilities	0	0
Alpha City of	0	36
Alvarado Electric Dept	51	770
Biwabik Water Light & Power	48	575
Brainerd Public Utilities	673	7,152
Brewster	15	118
Buffalo City of	288	2,776
Buhl Public Utilities	19	0
Caledonia Municipal Light & Power	11	335
Dundee City of	0	0
East Grand Forks Water & Light Dept	580	6,493
Eitzen Public Utilities	22	267
Elk River Municipal Utilities	307	4,165
Ely Water & Light Dept	157	2,186
Gilbert Water & Light	*	*
Grand Rapids Public Utilities	710	9,153
Hibbing Public Utilities Commission	548	6,882
Hutchinson Utilities Commission	254	2,630
Kasota City of	340	0
Keewatin Public Utilities	548	1,190
Lanesboro Public Utilities	11	45
Mabel City of	21	141
Melrose Municipal Utilities	514	8,049
Moose Lake Water & Light Comm.	691	6,304
Mountain Iron Water & Light	302	3,458
Nashwauk Public Utilities	*	*
Newfolden Electric	0	0
Peterson Public Utilities	10	89
Pierz Utilities	0	0
Proctor Public Utilities	170	2,115

Table 8: Minnesota Residential Electric Space Heating Customers

2012 Minnesota Electric Space Heating Customers for Municipal Utilities

2012	Customers	Megawatt-Hours**
Other Municipals, continued		
Randall Electric	*	*
Round Lake Electric Dept	*	*
Rushford City of	57	920
Rushmore City of	*	*
Shelly Municipal Light Dept.	38	444
St Charles Light & Water	133	865
Two Harbors City of	*	*
Virginia Dept of Public Utilities	403	6,717
Willmar Municipal Utilities	307	12,327
Total: Other Municipals	**7,449**	**87,298**
Southern Minnesota Municipal Power Agency		
Austin Utilities	N/A	N/A
Blooming Prairie Utilities	*	*
Fairmont Public Utilities	144	2,315
Grand Marais Utilities	168	2,766
Lake City Utility Board	86	462
Litchfield Public Utilities	0	5,599
Mora Municipal Electric Utility	88	691
New Prague Municipal Utilities	72	509
North Branch Municipal Water & Light	20	256
Owatonna Public Utilities	Not reported	Not reported
Preston Public Utilities	60	556
Princeton Public Utilities	28	769
Redwood Falls Pub Utilities	676	10,883
Rochester Public Utilities	1,683	13,348
Spring Valley Public Utilities Comm	*	*
St Peter Municipal Utilities	74	505
Waseca Water & Light Dept	106	719
Wells Public Utilities	59	321
Total: SMMPA	3,280	40,197
Total: Municipal Utilities	**25,218**	**326,279**
Total: Minnesota	**193,269**	**2,246,314**

Minnesota Electric Consumption by County

The ten Minnesota counties with the highest electricity consumption in 2012 are:

County	MWh	Population Rank
Hennepin	13,061,859	1
St. Louis	7,893,491	6
Ramsey	5,300,397	2
Dakota	4,988,314	3
Anoka	2,701,019	4
Washington	2,337,846	5
Steams	1,854,244	7
Olmstead	1,491,807	8
Scott	1,324,463	9
Wright	1,010,380	10
Total	41,963,820	
Minnesota Total	66,854,762	

These same ten counties also were the ten most populated counties in Minnesota in 2012. They had 62.8 percent of the state's residents.

Table 9 on the next page lists Minnesota's 87 counties in alphabetical order. The table also includes total MWh consumed in the county in 2012, the consumption rank for the county (1 is highest, 87 is lowest), and the county's population rank.

Table 9: Minnesota Electric Consumption by County

Minnesota Electric Consumption in 2012

County	MWH	Consumption Rank*	Population Rank*
Aitkin	132,815	71	53
Anoka	2,701,019	5	4
Becker	432,292	32	33
Beltrami	542,563	23	22
Benton	537,871	36	25
Big Stone	70,286	85	82
Blue Earth	861,222	12	14
Brown	333,400	40	40
Carlton	481,644	29	30
Carver	977,539	11	11
Cass	418,192	34	37
Chippewa	189,517	63	62
Chisago	407,910	35	18
Clay	635,480	18	16
Clearwater	207,364	58	75
Cook	89,253	80	83
Cottonwood	189,591	62	63
Crow Wing	720,287	16	15
Dakota	4,988,314	4	3
Dodge	217,122	57	49
Douglas	483,822	28	29
Faribault	203,481	60	58
Fillmore	184,859	64	46
Freeborn	391,528	36	35
Goodhue	551,497	22	20
Grant	75,457	83	79
Hennepin	13,061,859	1	1
Houston	168,431	66	51
Hubbard	301,237	45	48
Isanti	308,646	44	26
Itasca	492,613	26	21
Jackson	178,280	65	68
Kanabec	128,143	74	52
Kandiyohi	556,270	20	23
Kittson	132,216	72	84
Koochiching	272,086	48	61
Lac Qui Parle	128,310	73	76
Lake	341,915	39	66
Lake of the Woods	76,784	81	86
LeSueur	368,313	37	38
Lincoln	72,511	84	80
Lyon	727,339	15	41
Mahnomen	76,497	82	81
Marshall	219,638	56	73

Table 9: Minnesota Electric Consumption by County

Minnesota Electric Consumption in 2012

County	MWH	Consumption Rank*	Population Rank*
Martin	456,457	30	47
McLeod	508,186	25	27
Meeker	274,421	47	43
Mille Lacs	230,386	55	39
Morrison	423,995	33	31
Mower	453,432	31	24
Murray	99,617	78	74
Nicollet	333,287	41	32
Nobles	357,917	38	45
Norman	66,933	86	77
Olmstead	1,491,807	8	8
Otter Tail	809,856	13	17
Pennington	198,221	61	59
Pine	251,570	51	36
Pipestone	117,391	76	72
Polk	556,139	21	34
Pope	141,002	69	65
Ramsey	5,300,397	3	2
Red Lake	121,938	77	85
Redwood	247,325	52	54
Renville	270,569	49	55
Rice	675,684	17	13
Rock	142,298	68	71
Roseau	254,724	50	56
Scott	1,324,463	9	9
Sherburne	774,414	14	12
Sibley	242,344	53	57
St. Louis	7,893,491	2	6
Stearns	1,854,244	7	7
Steele	488,246	27	28
Stevens	154,525	67	70
Swift	205,870	59	69
Todd	322,505	42	42
Traverse	49,038	87	87
Wabasha	283,509	46	44
Wadena	235,745	54	60
Waseca	315,379	43	50
Washington	2,337,846	6	5
Watonwan	139,947	70	64
Wilkin	89,287	79	78
Winona	589,248	19	19
Wright	1,010,380	10	10
Yellow Medicine	125,314	75	67

Notes for Table 9

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

Population Source: Minnesota State Demographic Center, Census 2010, Minnesota Total Population by County for 1990,2000 and 2010 census; http://mn.gov/admin/demography/Census2010/

Table 10: Utility-Owned Electric Generating Plants Serving Minnesota

2012	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Adrian Public Utilities					
Adrian Power Plant Nobles County, MN					
Unit 4	Int Comb	Oil#2	0.600	0.600	1957
Unit 5	Int Comb	Gas/Oil#2	2.000	2.000	2005
Alexandria Light & Power					
Douglas County, MN					
Unit 1	Gas Turbine	Oil#2	1.000	1.000	1952
Unit 2	Gas Turbine	Gas	4.000	4.000	1968
Unit 3	Gas Turbine	Gas	4.000	4.000	1968
Alliant Energy-Interstate Power and Light Company					
Burlington Gas Turbine Des Moines County, IA					
Unit 1	Gas Turbine	Gas	14.400	17.100	1995
Unit 2	Gas Turbine	Gas	13.700	16.400	1995
Unit 3	Gas Turbine	Gas	14.000	16.600	1995
Unit 4	Gas Turbine	Gas	14.800	17.400	1996
Burlington Generating Station Des Moines County, IA					
Unit 1	Steam	Coal/Gas	207.700	211.600	1968
Centerville Diesel Appanoose County, IA					
Unit 1	Int Comb	Oil#2	2.100	2.100	1963
Unit 2	Int Comb	Oil#2	1.800	1.800	1963
Unit 3	Int Comb	Oil#2	1.800	1.800	1963
Centerville Gas Turbine Appanoose County, IA					
Unit 1	Gas Turbine	Oil#2	24.400	27.010	1990
Unit 2	Gas Turbine	Oil#2	25.100	27.600	1990
Dubuque Internal Combustion Dubuque County, IA					
Unit 1	Int Comb	Oil#2	2.100	2.100	1966
Unit 2	Int Comb	Oil#2	1.600	1.600	1966
Dubuque Steam Dubuque County, IA					
Unit 3	Steam	Coal/Gas	30.900	31.900	1952
Unit 4	Steam	Coal/Gas	35.900	36.600	1959
Emery Cerro Gordo County, IA					
Unit 1	Gas Turbine	Gas	146.900	159.800	2004
Unit 2	Gas Turbine	Gas	147.800	160.800	2004
Unit 3	Steam	Gas	240.900	252.300	2004
Fox Lake Steam Martin County, MN					
Unit 1	Steam	Gas/Oil #6	12.700	13.000	1950
Unit 3	Steam	Coal/Gas/Oil #6	76.600	79.100	1962

Table 10: Utility-Owned Electric Generating Plants Serving Minnesota

2012	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Alliant Energy, continued					
Grinnell Gas Turbine Powershiek County, IA					
Unit 1	Gas Turbine	Gas	0.000	25.900	1990
Unit 2	Gas Turbine	Gas	0.000	20.400	1990
Hills Internal Combustion Rock County, MN					
Unit 1	Int Comb	Oil #2	2.000	2.000	1996
Unit 2	Int Comb	Oil #2	0.000	0.000	1960
Lansing Internal Combustion Allamakee County, IA					
Unit 1	Int Comb	Oil #2	1.200	1.200	1970
Unit 2	Int Comb	Oil #2	1.100	1.100	1971
Lansing Steam Allamakee County, IA					
Unit 3	Steam	Coal/Oil#2	29.400	29.500	1957
Unit 4	Steam	Coal/Oil#2	247.500	249.600	1977
Lime Creek Cerro Gordo County, IA					
Unit 1	Gas Turbine	Oil #2	33.600	39.700	1991
Unit 2	Gas Turbine	Oil #2	34.700	40.900	1991
Louisa Station No. 1 (jointly owned) Louisa County, IA					
Unit 1	Steam	Coal/Gas	30.010	30.010	1983
M.L. Kapp Steam Clinton County, IA					
Unit 1	Steam	Gas	0.000	0.000	1947
Unit 2	Steam	Coal/Gas	204.400	205.300	1967
Marshalltown Gas Turbine Marshall County, IA					
Unit 1	Gas Turbine	Oil #2	54.400	66.200	1977
Unit 2	Gas Turbine	Oil #2	48.900	60.700	1977
Unit 3	Gas Turbine	Oil #2	22.800	34.600	1977
Neal No. 3 Woodbury County, IA					
Unit 3	Steam	Coal/Gas	146.216	146.216	1975
Neal No. 4 (jointly owned) Woodbury County, IA					
Unit 4	Steam	Coal/Oil#2	165.760	165.760	1979
Ottumwa Generating Station Wappello County, IA					
Unit 1 (48.6% ownership)	Steam	Coal/Oil#2	344.234	346.129	1981
Prairie Creek Linn County, IA					
Unit 1	Steam	Coal/Gas/Oil#2	2.400	2.400	1997
Unit 3	Steam	Coal/Gas/Oil#2	35.800	39.200	1958
Unit 4	Steam	Coal/Gas/Oil#2	118.500	122.700	1968

Table 10: Utility-Owned Electric Generating Plants Serving Minnesota

2012	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Alliant Energy, continued					
Red Cedar Linn County, IA					
Unit 1	Gas Turbine	Gas	16.300	20.200	1996
Sutherland Station Marshall County, IA					
Unit 1	Steam	Coal/Gas	28.300	28.400	1955
Unit 3	Steam	Coal/Gas	78.700	79.300	1961
Whispering Willow East Franklin County, IA					
Units 1-121	Wind	Wind	199.700	199.700	2009
Austin Utilities					
DT Plant Mower County, MN					
Unit 1	Steam	Gas	5.000	5.000	1940
Unit 2	Steam	Gas	3.500	3.500	1935
Unit 3	Steam	Gas	7.500	7.500	1946
Unit 4	Steam	Gas	10.000	10.000	1955
Unit 5	Gas Turbine	Gas	5.000	5.000	1960
Northeast Plant Mower County, MN					
Unit 1	Steam	Gas/Coal	31.500	31.500	1971
Benson Municipal Utilities					
Benson Municipal Utilities Swift County, MN					
Unit 5	Int Comb	Diesel	0.900	0.900	1947
Unit 6	Int Comb	Diesel	1.300	1.300	1954
Unit 7	Int Comb	Diesel	1.800	1.800	2002
Unit 8	Int Comb	Diesel	1.800	1.800	2002
Unit 9	Int Comb	Diesel	1.800	1.800	2002
Unit 10	Int Comb	Diesel	1.800	1.800	2002
Unit 11	Int Comb	Diesel	1.800	1.800	2002
Blooming Prairie Public Utilities					
Unit 1	Int Comb	Diesel	1.300	1.300	1957
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
Unit 6	Int Comb	Diesel	1.800	1.800	2008
Blue Earth Light & Water Dept					
Blue Earth City Plant Faribault County, MN					
Unit 1	Int Comb	Diesel/Gas	1.500	1.500	1960
Unit 3	Int Comb	Diesel	1.600	1.650	1993
Unit 4	Int Comb	Diesel	1.600	1.650	1993

Table 10: Utility-Owned Electric Generating Plants Serving Minnesota

2012	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Blue Earth Light & Water, continued					
Unit 5	Int Comb	Diesel	1.600	1.650	1993
Unit 6	Int Comb	Diesel	1.825	1.825	1995
Dairyland Power Cooperative					
Alma Station Buffalo County, WI					
Unit 4	Steam	Coal/Oil #2	49.300	56.900	1957
Unit 5	Steam	Coal/Oil #2	76.400	87.290	1960
Elk Mound Combustion Turbine Rusk County, WI					
Unit 1	Gas Turbine	Gas	38.000	48.470	2001
Unit 2	Gas Turbine	Gas	38.000	49.030	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	7.700	7.700	1951
Unit 2	Hydro	Water	5.900	5.900	1951
Unit 3	Hydro	Water	7.900	7.900	1951
Genoa 3 (half sold to GRE) Vernon County, WI					
Unit 3	Steam	Coal/Oil #2	257.000	299.020	1969
JP Madgett Buffalo County, WI					
Unit 6	Steam	Coal/Oil #2	380.300	389.030	1979
Norswiss Dairy Barron County, WI					
Unit 1	Int Comb	Biogas	0.000	0.000	2006
Onyx Seven Mile Landfill Eau Claire County, WI					
Unit 1	Int Comb	Landfill Gas	0.732	0.732	2004
Unit 2	Int Comb	Landfill Gas	0.871	0.871	2004
Unit 3	Int Comb	Landfill Gas	0.963	0.963	2004
Unit 4	Int Comb	Landfill Gas	1.052	1.052	2004
Wild Rose Dairy Vernon County, WI					
Unit 1	Int Comb	Biogas	0.300	0.300	2005
Weston 4 Marathon County, WI					
Unit 4	Steam	Coal/Gas	153.900	162.000	2008
Delano Municipal Utilities					
Delano Municipal Plant Wright County, MN					
Unit 1	Int Comb	Oil #2	0.084	0.084	1946
Unit 3	Int Comb	Oil #2	1.136	1.136	1951
Unit 4	Int Comb	Oil #2/Gas	1.140	1.140	1972

Table 10: Utility-Owned Electric Generating Plants Serving Minnesota

2012	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Delano Municipal, continued					
Delano Municipal Plant Wright County, MN					
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	Diesel	1.800	1.800	2001
Federated REA Wind Turbine					
Federated Rural Electric					
Unit 1	Wind	Wind	2.100	2.100	2008
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 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	Oil #2	6.700	6.700	1995
Unit 11	Int Comb	Oil #2	4.600	4.600	1998
Unit 12	Int Comb	Oil #2	4.600	4.600	1998
Unit 14	Int Comb	Oil #2	4.600	4.600	2006

Table 10: Utility-Owned Electric Generating Plants Serving Minnesota

2012	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Grand Marais Public Utilities					
Grand Marais Power Plant Cook County, MN					
Unit 1	Int Comb	Oil #2	2.250	2.250	2004
Unit 2	Int Comb	Oil #2	1.800	1.800	2004
Unit 3	Int Comb	Oil #2	1.800	1.800	2004
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	0.300	0.300	1932
Unit 3	Hydro	Water	0.900	0.900	1986
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	22.800	28.100	1978
Unit 2	Gas Turbine	Gas	159.000	185.500	2008
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	RDF/Gas	5.560	5.560	1979
Unit 2	Steam	RDF/Gas	5.547	5.547	1980
Elk River Station Sherburne County, MN					
Unit 1	Steam	RDF/Gas/Oil #2	7.100	7.100	1951
Unit 2	Steam	RDF/Gas/Oil #2	7.100	7.100	1951
Unit 3	Steam	RDF/Gas/Oil #2	11.600	11.600	1959
Elk River Gas Turbine Sherburne County, MN					
Unit 1	Gas Turbine	Natural Gas	186.300	220.000	2009
Lakefield Junction Martin County, MN					
Unit 1	Gas Turbine	Gas/Oil #2	86.600	101.500	2001
Unit 2	Gas Turbine	Gas/Oil #2	88.500	103.800	2001
Unit 3	Gas Turbine	Gas/Oil #2	84.800	99.500	2001
Unit 4	Gas Turbine	Gas/Oil #2	85.000	99.700	2001
Unit 5	Gas Turbine	Gas/Oil #2	86.700	101.700	2001
Unit 6	Gas Turbine	Gas/Oil #2	85.800	100.600	2001

Table 10: Utility-Owned Electric Generating Plants Serving Minnesota

2012	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Great River Energy, continued					
Maple Lake Wright County, MN					
Unit 1	Gas Turbine	Oil #2	22.100	27.400	1978
Pleasant Valley Station Mower County, MN					
Unit 11	Gas Turbine	Gas/Oil #2	153.500	175.500	2001
Unit 12	Gas Turbine	Gas/Oil #2	153.800	175.900	2001
Unit 13	Gas Turbine	Gas/Oil #2	112.100	134.500	2002
Rock Lake Pine County, MN					
Unit 1	Gas Turbine	Oil #2	22.800	27.900	1978
St. Bonifacio Power Plant Carver County, MN					
Unit 1	Gas Turbine	Oil #2	60.200	71.700	1978
Stanton Station Steam Plant Mercer County, ND					
Unit 1	Steam	Coal/Oil #2	187.000	187.000	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					
Hasting Hydroelectric Facilty Dakota County, MN					
Unit 1	Hydro	Water	2.200	2.200	1987
Unit 2	Hydro	Water	2.200	2.200	1987
Hibbing Public Utitilies Commission					
Hibbing Public Utilities Plant St Louis County, MN					
Unit 3	Steam	Coal	11.500	11.500	1965
Unit 5	Steam	Coal	20.500	20.500	1984
Unit 6	Steam	Coal	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	4.000	4.000	1968
Unit 4	Int Comb	Gas/Oil #2	4.000	4.000	1968
Unit 8	Comb Cycle	Gas	11.000	13.300	1971
Hutchinson Municipal Plant No. 2 McLeod County MN					
Unit 1G	Comb Cycle	Gas	41.000	41.000	1994
Unit1S	Comb Cycle	Gas	10.000	10.000	1994
Unit 9	Gas Turbine	Gas	22.000	24.000	1997

Table 10: Utility-Owned Electric Generating Plants Serving Minnesota

2012	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 Municpal 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
Litchfield Public Utilities					
Litchfield Power Plant Meeker County, MN					
Unit 1	Int Comb	Gas/Diesel	2.100	2.100	1962
Unit 2	Int Comb	Gas/Diesel	2.100	2.100	1962
QS1	Int Comb	Diesel	2.300	2.300	2010
QS2	Int Comb	Diesel	2.300	2.300	2010
QS3	Int Comb	Diesel	2.300	2.300	2010
QS4	Int Comb	Diesel	2.300	2.300	2010
QS5	Int Comb	Diesel	2.300	2.300	2010

Table 10: Utility-Owned Electric Generating Plants Serving Minnesota

2012	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
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 Steams 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 Municipal Power Agency					
Faribault Energy Park Rice County, MN					
Unit 1	Gas Turbine	Gas/Oil #2	260.890	291.200	2007
HomeTown Wind Steele County, MN					
Units 1-12	Wind	Wind	1.900	1.900	2010
Minnesota River Station Carver County, MN					
Unit 1	Gas Turbine	Gas/Oil #2	40.590	44.130	2001
Oak Glen Wind Farm Steele County, MN					
Units 1-24	Wind	Wind	43.600	43.600	2011
Minnesota Power Company					
Bison 1 Morton County, MN					
Unit 1	Wind	Wind	81.800	291.800	2010
Blanchard Hyrdoelectric Station Morrison County, MN					
Unit 1	Hydro	Water	3.427	3.427	1925
Unit 2	Hydro	Water	4.013	4.013	1925
Unit 3	Hydro	Water	3.260	3.260	1988

Table 10: Utility-Owned Electric Generating Plants Serving Minnesota

2012	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		67.125	1958
Unit 2	Steam	Coal/Oil #2	67.325	67.325	1960
Unit 3	Steam	Coal/Oil #2	357.225	357.225	1973
Unit 4	Steam	Coal/Oil #2	466.974	466.974	1980
Fond Du Lac Hydroelectric Station St. Louis County, MN					
Unit 1	Hydro	Water	11.100	11.100	1924
Knife Falls Hydro Station Carlton County, MN					
Unit 1	Hydro	Water	0.300	0.300	1922
Unit 2	Hydro	Water	0.300	0.300	1922
Unit 3	Hydro	Water	0.300	0.300	1922
Laskin EC St. Louis County, MN					
Unit 1	Steam	Coal/Oil #2	48.800	48.800	1953
Unit 2	Steam	Coal/Oil #2	49.400	49.400	1953
Little Falls Hydro Station Morrison County, MN					
Unit 1	Hydro	Water	0.600	0.600	1919
Unit 2	Hydro	Water	0.600	0.600	1919
Unit 3	Hydro	Water	0.600	0.600	1920
Unit 4	Hydro	Water	0.600	0.600	1979
Unit 5	Hydro	Water	0.600	0.600	1906
Unit 6	Hydro	Water	0.600	0.600	1906
M.L Hibbard Steam Station St. Louis County, MN					
Unit 3	Steam	Coal/Wood	25.603	25.603	1949
Unit 4	Steam	Coal/Wood	32.850	32.850	1951
Pillager Hydro Station Cass County, MN					
Unit 1	Hydro	Water	0.650	0.645	1917
Unit 2	Hydro	Water	0.645	0.645	1917
Prairie River Hydroelectric Station Itasca County, MN					
Unit 1	Hydro	Water	0.500	0.500	1921
Unit 2	Hydro	Water	0.500	0.500	1921
Rapid Energy Center Itasca County, MN					
Unit 4	Hydro	Water	0.766	0.766	1917
Unit 5	Hydro	Water	0.000	0.000	1948
Unit 6	Steam	Gas/Wood	11.414	11.414	1969
Unit 7	Steam	Wood	13.004	13.004	1980
Sappi Cloquet Turbine Generator 5 Carlton County, MN					
Unit 5	Steam	Wood/Gas	22.785	22.785	2001

Table 10: Utility-Owned Electric Generating Plants Serving Minnesota

2012	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Minnesota Power Company, continued					
Scanlon Hydroelectric Station Carlton County, MN					
Unit 1	Hydro	Water	0.020	0.020	1923
Unit 2	Hydro	Water	0.020	0.020	1923
Unit 3	Hydro	Water	0.020	0.020	1923
Unit 4	Hydro	Water	0.020	0.020	1923
Sylvan Hydroelectric Station Cass County, MN					
Unit 1	Hydro	Water	0.400	0.400	1913
Unit 2	Hydro	Water	0.400	0.400	1913
Unit 3	Hydro	Water	0.400	0.400	1915
Taconite Harbor Cook County, MN					
Unit 1	Steam	Coal/Oil #2	78.700	78.700	1953
Unit 2	Steam	Coal/Oil #2	76.050	76.050	1953
Unit 3	Steam	Coal/Oil #2	83.000	83.000	1954
Taconite Ridge 1 St. Louis County, MN					
Unit 1	Wind	Wind	25.000	25.000	2008
Thomson Hydro Station Carlton County, MN					
Unit 1	Hydro	Water	11.500	11.500	1907
Thomson Hydro Station Carlton County, MN					
Unit 2	Hydro	Water	11.500	11.500	1907
Unit 3	Hydro	Water	11.500	11.500	1907
Unit 4	Hydro	Water	11.900	11.900	1914
Unit 5	Hydro	Water	10.400	10.400	1918
Unit 6	Hydro	Water	13.600	13.600	1949
Winton Hydro Station Lake County, MN					
Unit 2	Hydro	Water	1.100	1.100	1923
Unit 3	Hydro	Water	1.200	1.200	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

Table 10: Utility-Owned Electric Generating Plants Serving Minnesota

2012	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Minnkota Power Cooperative, continued					
Grand Forks Diesel Plant Grand Forks County, ND					
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
Infinity Wind Valley City Grand Forks County, ND					
Unit 1	Wind	Wind	0.900	0.900	2002
Infinity Wind Petersburg Grand Forks County, ND					
Unit 1	Wind	Wind	0.900	0.900	2002
Milton R Young (50% 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 8	Wind Turbine	Wind	0.750	0.750	1999
Unit 9	Wind Turbine	Wind	0.750	0.750	2001
Centennial Generating Station Clay County, MN					
Unit 1	Int Comb	Oil #2	10.000	10.000	2011
Unit 2	Int Comb	Oil #2	10.000	10.000	2011
Unit 3	Int Comb	Oil #2	10.000	10.000	2011
Unit 4	Int Comb	Oil #2	10.000	10.000	2011
Unit 5	Int Comb	Oil #2	10.000	10.000	2011
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 3	Int Comb	Oil #2	2.000	2.000	2005
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

Table 10: Utility-Owned Electric Generating Plants Serving Minnesota

2012	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Mora Municipal Utilities					
Mora Power Plant Kanabec County, MN					
Unit 2	Int Comb	Diesel/Gas	1.140	1.140	1947
Unit 5	Int Comb	Diesel/Gas	6.330	6.330	1971
Unit 6	Int Comb	Diesel/Gas	7.030	7.030	1974
New Prague Utilities Commission					
New Prague Power Plant Le Sueur County, MN					
Unit 2	Int Comb	Gas/Oil #2	4.400	4.400	1974
Unit 3	Int Comb	Gas/Oil #2	2.400	2.400	1963
Unit 4	Int Comb	Gas/Oil #2	3.500	3.500	1968
Unit 5	Int Comb	Oil #2	0.400	0.400	1943
Unit 6	Int Comb	Gas/Oil #2	6.000	6.000	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
Nobles Cooperative Electric					
Brewster Wind Turbine Jackson County, MN					
Unit 1	Wind	Wind	2.100	2.100	2008
North Branch Water & Light					
North Branch Plant Chisago County, MN					
Unit 3	Int Comb	Diesel	2.000	2.000	2003
Unit 4	Int Comb	Diesel	2.000	2.000	2003
Unit 5	Int Comb	Diesel	2.000	2.000	2011
Unit 6	Int Comb	Diesel	2.000	2.000	2011
Unit 7	Int Comb	Diesel	2.000	2.000	2011
Otter Tail Power Company					
Bemidji Hydroelectric Beltrami County, MN					
Unit 1	Hydro	Water	0.180	0.180	1907
Unit 2	Hydro	Water	0.000	0.000	1907
Big Stone Plant Grant County, SD					
Unit 1	Steam	Coal/Oil#2/REF	255.900	255.900	1975
Unit 2	Int Comb	Oil #2	0.620	0.600	1975

Table 10: Utility-Owned Electric Generating Plants Serving Minnesota

2012	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Otter Tail Power Company, continued					
Coyote Station (35% share) Mercer County, ND					
Unit 1	Steam	Coal/Oil #2	149.400	149.400	1981
Dayton Hollow Hydro Otter Tail County, MN					
Unit 1	Hydro	Water	0.548	0.548	1909
Unit 2	Hydro	Water	0.522	0.522	1909
Fergus Control Center Otter Tail County, MN					
Unit 1	Int Comb	Oil #2	2.045	2.023	1995
Hoot Lake Hydroelectric Otter Tail County, MN					
Unit 1	Hydro	Water	0.787	0.788	1914
Hoot Lake Steam Plant Otter Tail County, MN					
Unit 2	Steam	Coal/Oil #2	52.000	52.000	1959
Unit 2A	Intl Comb	Oil #2	0.200	0.249	1959
Unit 3	Steam	Coal/Oil #2	73.000	73.000	1964
Unit 3A	Intl Comb	Oil #2	0.176	0.176	1964
Jamestown Turbine Stutsman County, ND					
Unit 1	Int Comb	Oil #2	22.000	22.000	1976
Unit 2	Int Comb	Oil #2	22.100	22.100	1978
Lake Preston Turbine Kingsbury County, SK					
Unit 1	Int Comb	Oil #2	22.100	22.100	1978
Pisgah Hydroelectric Otter Tail County, MN					
Unit 1	Hydro	Water	0.731	0.731	1918
Solway Beltrami County, MN					
Unit 1	Gas Turbine	Gas/Oil #2	41.900	41.900	2003
Taplin Gorge Hydroelectric Otter Tail County, MN					
Unit 1	Hydro	Water	0.522	0.522	1925
Wright Hydroelectric Otter Tail County, MN					
Unit 1	Hydro	Water	0.504	0.504	1922
Preston Public Utilities					
Preston Power Plant Fillmore County, MN					
Unit 4	Int Comb	Diesel	0.800	0.800	1949
Unit 5	Int Comb	Diesel	1.100	1.100	1954
Unit 6	Int Comb	Diesel/Gas	2.200	2.200	1974

Table 10: Utility-Owned Electric Generating Plants Serving Minnesota

2012	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Princeton Public Utilities					
Princeton Power Plant Mille Lacs County, MN					
Unit 3	Int Comb	Oil #2	2.400	2.400	1977
Unit 4	Int Comb	Oil #2/Gas	1.200	1.200	1967
Unit 5	Int Comb	Oil #2/Gas	1.000	1.000	1953
Unit 6	Int Comb	Oil #2/Gas	2.700	2.700	1963
Unit 7	Int Comb	Oil #2	5.000	5.000	2002
Redwood Falls Public Utilities Commission					
Redwood Falls Power Plant Redwood County, MN					
Unit 7	Int Comb	Gas/Oil #2	6.200	6.200	1974
Southside Substation Plant Redwood County, MN					
Unit 2	Int Comb	Oil #2	2.250	2.250	1968
Unit 3	Int Comb	Oil #2	2.000	2.000	2002
Unit 4	Int Comb	Oil #2	2.000	2.000	2002
Unit 5	Int Comb	Oil #2	2.000	2.000	2002
Rochester Public Utilities					
Cascade Creek Olmsted County, MN					
Unit 1	Gas Turbine	Gas/Oil #6	30.000	30.000	1974
Unit 2	Gas Turbine	Gas/Oil #6	49.600	49.600	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	8.900	8.900	1949
Unit 2	Steam	Coal/Gas	13.100	13.100	1953
Unit 3	Steam	Coal/Gas	22.400	22.400	1962
Unit 4	Steam	Coal/Gas	50.600	50.600	1969
St. Charles Light & Water					
St. Charles Power Plant Winona County, MN					
Unit 1	Int Comb	Diesel	2.200	2.200	2004
Unit 2	Int Comb	Diesel	2.200	2.100	2004
Unit 3	Int Comb	Diesel	2.200	2.200	2004
Unit 4	Int Comb	Diesel	2.200	2.200	2004

Table 10: Utility-Owned Electric Generating Plants Serving Minnesota

2012	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
St. James Municipal Light & Power					
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 4	Int Comb	Oil #2	1.800	1.800	1995
Unit 5	Int Comb	Oil #2	1.800	1.800	1996
Unit 6	Int Comb	Oil #2	2.000	2.000	2009
Unit 7	Int Comb	Oil #2	2.000	2.000	2009
Southern Minnesota Municpal Power Agency					
Blooming Prairie Plant Steele County, MN					
Unit 2	Int Comb	Oil #2	0.000	0.000	1975
Unit 5	Int Comb	Oil #2	0.000	0.000	2003
Unit 6	Int Comb	Oil #2	0.000	0.000	2009
Unit 7	Int Comb	Oil #2/Gas	5.200	5.200	2012
Fairmont Martin County, MN					
Unit 1	Wind Turbine	Wind	0.400^	0.400^	2003
Unit 2	Wind Turbine	Wind			2003
Unit 3	Wind Turbine	Wind			2004
Unit 4	Wind Turbine	Wind			2005
Fairmont Martin County, MN					
Units 6 & 7	Int Comb	Gas/Oil #2	12.700	12.700	1975
Owatonna Downtown Steele County, MN					
Unit 6	Steam	Gas	0.000	0.000	1969
Unit 7	Gas Turbine	Gas	15.400	15.400	1982
Redwood Falls Wind Farm Redwood County, MN					
Unit 1	Wind Turbine	Wind	0.300^	0.300^	2004
Unit 2	Wind Turbine	Wind			2005
St. Peter Nicollet County, MN					
Unit 1	Int Comb	Oil #2	11.800^	11.800^	2003
Unit 2	Int Comb	Oil #2			2003
Unit 3	Int Comb	Oil #2			2003
Unit 4	Int Comb	Oil #2			2003

Table 10: Utility-Owned Electric Generating Plants Serving Minnesota

2012	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Southern Minnesota Municpal Power, continued					
St. Peter Nicollet County, MN					
Unit 5	Int Comb	Oil #2			2003
Unit 6	Int Comb	Oil #2			2003
Sherburne Steam Plant (41% share) Sherburne County, MN					
Unit 3	Steam	Coal	329.600	329.600	1988
Redwood Falls Redwood County, MN					
Units 1-5	Int Comb	Oil #2/Gas	12.100	12.100	1974
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
Unit 4	Int Comb	Oil #2	2.000	2.000	2009
Unit 5	Int Comb	Oil #2	2.000	2.000	2009
Steele Waseca Cooperative Electric					
Windmills Co-Generators Steele County, MN					
Unit 1	Wind	Wind	0.0100	0.0100	1984
Unit 2	Wind	Wind	0.0350	0.0350	1997
Unit 3	Wind	Wind	0.0390	0.0390	2002
Unit 4	Wind	Wind	0.0390	0.0390	2002
Unit 5	Wind	Wind	0.0390	0.0390	2002
Unit 6	Wind	Wind	0.0390	0.0390	2002
Unit 7	Wind	Wind	0.0390	0.0390	2002
Unit 8	Wind	Wind	0.0390	0.0390	2003
Unit 9	Wind	Wind	0.0390	0.0390	2004
Unit 10	Wind	Wind	0.0390	0.0390	2004
Unit 11	Wind	Wind	0.0300	0.0300	2004
Unit 12	Wind	Wind	0.0390	0.0390	2004
Unit 13	Wind	Wind	0.0390	0.0390	2004
Unit 14	Wind	Wind	0.0390	0.0390	2004
Unit 15	Wind	Wind/Solar	0.0120	0.0120	2007
Unit 16	Wind	Wind	0.0390	0.0390	2004
Unit 17	Wind	Wind	0.0175	0.0175	1984
Unit 18	Wind	Wind	0.0395	0.0395	2009
Unit 19	Wind	Wind	0.0395	0.0395	2009
Unit 20	Wind	Solar	0.0100	0.0100	2009
Unit 21	Wind	Wind	0.0350	0.0350	2010
Unit 22	Wind	Wind	0.0100	0.0100	2010
Unit 23	Wind	Solar	0.0122	0.0122	2010
Unit 24	Solar	Solar	0.0021	0.0021	2010
Unit 25	Solar	Wind	0.0399	0.0399	2011

Table 10: Utility-Owned Electric Generating Plants Serving Minnesota

2012	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Steele Waseca Cooperative, continued					
Windmills Co-Generators Steele County, MN					
Unit 26	Wind	Wind	0.0399	0.0399	2011
Unit 27	Wind	Wind	0.0340	0.0340	2011
Unit 28	Wind	Wind	0.0340	0.0340	2011
Unit 29	Wind	Wind	0.0100	0.0100	2012
Unit 30	Wind	Wind	0.0390	0.0390	2012
Unit 31	Wind	Solar	0.0182	0.0182	2012
Unit 32	Wind	Wind	0.0350	0.0350	2012
Thief River Falls Municipal Utilities					
Thief River Falls Muni Power Plant Pennington County, MN					
Unit 1H	Hydro	Water	0.250	0.250	1927
Unit 2H	Hydro	Water	0.300	0.300	1927
Unit 1D	Int Comb	Oil #2	1.300	1.300	1956
Unit 2D	Int Comb	Oil #2	1.100	1.100	1953
Unit 3D	Int Comb	Oil #2	1.270	1.270	2000
Unit 4D	Int Comb	Oil #2	2.000	2.000	1946
Two Harbors, City of					
Two Harbor Plant Lake County, MN					
Unit 1	Int Comb	Diesel/Gas	0.000	0.000	1971
Virginia Dept of Public Utilities					
Virginia Power Plant St. Louis County, MN					
Unit 5	Steam	Coal/Wood	8.300	8.300	1953
Unit 6	Steam	Coal/Wood	18.500	18.500	1971
Wells Public Utilities					
Wells Plant Fairbault County, MN					
Unit 1	Int Comb	Gas/Oil #2	1.400	1.400	1953
Unit 2	Int Comb	Gas/Oil #2	1.500	1.500	1957
Unit 3	Int Comb	Gas/Oil #2	1.000	1.000	1950
Unit 4	Int Comb	Gas/Oil #2	2.300	2.300	1966
Unit 5	Int Comb	Gas/Oil #2	2.200	2.200	1975
Westbrook Public Utilities					
Westbrook Plant Cottonwood County, MN					
Unit 4	Int Comb	Oil #2	2.200	2.200	1955
Unit 5	Int Comb	Oil #2	0.700	0.700	2001
Willmar Municipal Utilities					
Willmar Plant Kandiyohi County, MN					
Unit 2	Steam	Gas	8.000	8.000	1952
Unit 3	Steam	Coal/Gas	16.600	16.600	1959
Unit 4	Int Comb	Oil #2	12.000	12.000	2000
WTG3	Wind	Wind	2.000	2.000	2009
WTG4	Wind	Wind	2.000	2.000	2009

Table 10: Utility-Owned Electric Generating Plants Serving Minnesota

2012	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
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 (Retrofitted to use Natural Gas in 2007)					
Unit 1	Steam	Coal/Gas	511.000	511.000	1968
Alliant Tech Systems Hopkins County, MN					
Units 1 & 2	Int Comb	Oil #2	1.600	1.600	1993
Angus Anson South Dakota					
Units 2 & 3	Gas Turbine	Gas/Oil #2	94.000	109.000	1994
Unit 4	Gas Turbine	Gas/Oil #2	150.000	172.000	2005
Apple River Hydro Wisconsin					
Unit 1, 3 & 4	Hydro	Water	1.400	1.700	1900
Bay Front Steam Ashland County, WI					
Unit 4	Steam	Coal/Gas/ Wood/TDF	15.000	15.000	1948
Unit 5	Steam	Coal/Gas/ Wood/TDF	18.000	18.000	1950
Unit 6	Steam	Coal/Gas/ Wood/TDF	23.000	23.000	1956
Big Falls Hydroelectric Wisconsin					
Unit 1	Hydro	Water	1.100	1.000	1922
Unit 2	Hydro	Water	1.100	1.000	1922
Unit 3	Hydro	Water	1.100	1.000	1925
Black Dog Steam Minnesota					
Unit 2	Gas Turbine	Gas	77.000	81.000	1954
Unit 3	Steam	Coal/Gas	79.000	79.000	1955
Unit 4	Steam	Coal/Gas	153.000	153.000	1960
Unit 5	Gas Turbine	Gas	159.000	189.000	2002

Table 10: Utility-Owned Electric Generating Plants Serving Minnesota

2012	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Xcel Energy, continued					
Blue Lake Gas Turbine Minnesota					
Unit 1	Gas Turbine	Oil #2/Gas	39.000	50.000	1974
Unit 2	Gas Turbine	Oil #2/Gas	39.000	50.000	1974
Unit 3	Gas Turbine	Oil #2/Gas	39.000	50.000	1974
Unit 4	Gas Turbine	Oil #2/Gas	45.000	57.000	1974
Unit 7	Gas Turbine	Oil #2/Gas	150.000	174.000	2005
Unit 8	Gas Turbine	Oil #2/Gas	150.000	177.000	2005
Cedar Falls Hydro Wisconsin					
Unit 1	Hydro	Water	1.300	1.200	1910
Unit 2	Hydro	Water	1.100	1.100	1911
Unit 3	Hydro	Water	1.200	1.100	1915
Chippewa Falls Hydro Wisconsin					
Unit 1	Hydro	Water	1.900	1.900	1928
Unit 2	Hydro	Water	2.100	2.100	1928
Unit 3	Hydro	Water	2.000	2.000	1928
Unit 4	Hydro	Water	2.000	2.000	1928
Unit 5	Hydro	Water	2.000	2.000	1928
Unit 6	Hydro	Water	2.100	2.100	1928
Cornell Hydroelectric Wisconsin					
Unit 1	Hydro	Water	6.200	6.200	1976
Unit 2	Hydro	Water	6.400	1.500	1976
Unit 3	Hydro	Water	6.900	1.500	1976
Unit 4	Hydro	Water	0.400	0.900	1976
Dells Hydroelectric Wisconsin					
Unit 1	Hydro	Water	1.900	1.900	1923
Unit 2	Hydro	Water	1.500	1.500	1924
Unit 3	Hydro	Water	1.500	1.500	1930
Unit 4	Hydro	Water	1.500	1.500	1930
Unit 5	Hydro	Water	0.900	0.900	1930
Flambeau Wisconsin					
Unit 1	Gas Turbine	Gas/Oil #2	13.000	18.000	1969
French Island Gas Turbine Wisconsin					
Unit 3	Gas Turbine	Oil #2	61.000	81.000	1974
Unit 4	Gas Turbine	Oil #2	61.000	81.000	1974
French Island Steam Plant Wisconsin					
Unit 1	Steam	Wood/Gas/REF	9.000	15.000	1969
Unit 2	Steam	Wood/Gas/REF	8.000	8.000	1969

Table 10: Utility-Owned Electric Generating Plants Serving Minnesota

2012	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Xcel Energy, continued					
Grand Meadow Mower Minnesota					
Units 1-67	Wind	Wind	100.500	100.500	2010
Granite City Gas Turbine Minnesota					
Unit 1	Gas Turbine	Gas/Oil #2	13.000	16.000	1969
Unit 2	Gas Turbine	Gas/Oil #2	13.000	16.000	1969
Unit 3	Gas Turbine	Gas/Oil #2	13.000	16.000	1969
Unit 4	Gas Turbine	Gas/Oil #2	13.000	16.000	1969
Hayward Hydroelectric Wisconsin					
Unit 1	Hydro	Water	0.200	0.200	1925
Hennepin Island Hydro Minnesota					
Unit 1	Hydro	Water	1.200	1.400	1954
Unit 2	Hydro	Water	1.200	1.400	1954
Unit 3	Hydro	Water	1.200	1.400	1954
Unit 4	Hydro	Water	1.200	1.400	1954
Unit 5	Hydro	Water	1.300	1.500	1955
High Bridge Steam, Minnesota (Repowered to use Natural Gas in 2008)					
Unit 7	Gas Turbine	Gas	154.000	185.000	1956
Unit 8	Gas Turbine	Gas	154.000	185.000	1956
Unit 9	Gas Turbine	Gas	178.000	202.000	1956
Holcombe Hydroelectric Wisconsin					
Unit 1	Hydro	Water	7.300	7.300	1950
Unit 2	Hydro	Water	7.300	7.300	1950
Unit 3	Hydro	Water	7.300	7.300	1950
Inver Hills Gas Turbine Minnesota					
Unit 1	Gas Turbine	Gas/Oil #2	47.000	62.000	1972
Unit 2	Gas Turbine	Gas/Oil #2	47.000	62.000	1972
Unit 3	Gas Turbine	Gas/Oil #2	47.000	62.000	1972
Unit 4	Gas Turbine	Gas/Oil #2	47.000	62.000	1972
Unit 5	Gas Turbine	Gas/Oil #2	47.000	62.000	1972
Unit 6	Gas Turbine	Gas/Oil #2	47.000	62.000	1972
Unit 7	Int Comb	Gas Oil #1	1.830	1.830	1994
Unit 8	Int Comb	Gas Oil #1	1.830	1.830	1994
Jim Falls Hydroelectric Wisconsin					
Unit 1	Hydro	Water	12.300	12.300	1988
Unit 3	Hydro	Water	12.500	12.500	1988
Unit 4	Hydro	Water	0.200	0.200	1986

Table 10: Utility-Owned Electric Generating Plants Serving Minnesota

2012	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Xcel Energy, continued					
Key City Gas Turbine Minnesota					
Unit 1	Gas Turbine	Gas	13.000	16.000	1969
Unit 3	Gas Turbine	Gas	13.000	16.000	1969
Unit 4	Gas Turbine	Gas	13.000	16.000	1969
Ladysmith Hydroelectric Wisconsin					
Unit 1	Hydro	Water	0.300	0.300	1940
Unit 2	Hydro	Water	0.300	0.200	1940
Unit 3	Hydro	Water	0.400	0.300	1983
Menomonie Hydro Wisconsin					
Unit 1	Hydro	Water	1.100	1.200	1958
Unit 2	Hydro	Water	1.100	1.200	1958
Monticello Nuclear Minnesota					
Unit 1	Nuclear	Uranium	554.000	581.000	1971
Nobles Wind Turbine Nobles County, MN					
Units 1-134	Wind	Wind	201.000	201.000	2010
Prairie Island Nuclear Minnesota					
Unit 1	Nuclear	Uranium	521.000	546.000	1973
Unit 2	Nuclear	Uranium	519.000	546.000	1974
Red Wing Steam Minnesota					
Unit 1	Steam	REF/Gas	9.000	9.000	1949
Unit 2	Steam	REF/Gas	9.000	9.000	1949
Riverdale Hydroelectric Wisconsin					
Unit 1	Hydro	Water	0.200	0.200	1905
Unit 2	Hydro	Water	0.100	0.100	1905
Riverside Steam, Minnesota (Repowered to use Natural Gas in 2009)					
Unit 7A	Combined Cycle	Gas	160.000	158.000	1947
Unit 9	Combined Cycle	Gas	155.000	174.000	1979
Unit 10	Combined Cycle	Gas	155.000	174.000	1964
Saxon Falls Hydro Wisconsin					
Unit 1	Hydro	Water	0.500	0.500	1913
Unit 2	Hydro	Water	0.500	0.600	1913
Sherburne County Steam, Minnesota (59% share of Unit 3)					
Unit 1	Steam	Coal/Oil #2	680.000	680.000	1976
Unit 2	Steam	Coal/Oil #2	682.000	682.000	1977
Unit 3	Steam	Coal/Oil #2	507.000	507.000	1987

Table 10: Utility-Owned Electric Generating Plants Serving Minnesota

2012	Plant Profile				
			Capacity		
	Unit Type	Fuel Type	Summer (MW)	Winter (MW)	Year Installed
Xcel Energy, continued					
St. Croix Falls Hydro Polk County, WI					
Unit 1	Hydro	Water	1.800	1.400	1905
Unit 2	Hydro	Water	1.800	1.400	1905
Unit 3	Hydro	Water	1.900	1.500	1905
Unit 4	Hydro	Water	1.900	1.500	1905
Unit 5	Hydro	Water	2.000	1.600	1910
Unit 6	Hydro	Water	1.900	1.500	1910
Unit 7	Hydro	Water	2.000	1.600	1923
Unit 8	Hydro	Water	1.900	1.500	1923
Superior Falls Hydro Gogebic County, Michigan					
Unit 1	Hydro	Water	0.500	0.600	1917
Unit 2	Hydro	Water	0.500	0.600	1917
Thornapple Hydro Rusk County, WI					
Unit 1	Hydro	Water	0.400	0.400	1929
Unit 2	Hydro	Water	0.400	0.400	1929
Trego Hydroelectric Washburn County, WI					
Unit 1	Hydro	Water	0.400	0.400	1927
Unit 2	Hydro	Water	0.300	0.300	1927
United Hospital Minnesota					
Units 1-3	Int Comb	Oil #2	4.800	4.800	1992
Wheaton Chippewa County, WI					
Unit 1	Gas Turbine	Oil #2/Gas	47.000	61.000	1973
Unit 2	Gas Turbine	Oil #2/Gas	55.000	70.000	1973
Unit 3	Gas Turbine	Oil #2/Gas	47.000	61.000	1973
Unit 4	Gas Turbine	Oil #2/Gas	47.000	61.000	1973
Unit 5	Gas Turbine	Oil #2/Gas	52.000	70.000	1973
Unit 6	Gas Turbine	Oil #2/Gas	52.000	70.000	1973
White River Hydroelectric Ashland County, WI					
Unit 1	Hydro	Water	0.200	0.200	1907
Unit 2	Hydro	Water	0.200	0.200	1907
Wilmarth Steam Minnesota					
Unit 1	Steam	REF/Gas	9.000	9.000	1948
Unit 2	Steam	REF/Gas	9.000	9.000	1951
Wissota Hydroelectric Chippewa County, WI					
Unit 1	Hydro	Water	3.000	3.000	1917
Unit 2	Hydro	Water	3.100	3.100	1917
Unit 3	Hydro	Water	3.000	3.000	1917
Unit 4	Hydro	Water	3.000	3.000	1917
Unit 5	Hydro	Water	2.900	2.900	1917
Unit 6	Hydro	Water	3.000	3.000	1917

Notes for Table 10:

^ Total for all units

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Adrian Public Utilities							
Adrian Power Plant Nobles County, MN							
Unit 5	10			700			
Alexandra Light & Power							
Douglas County, MN							
Unit 1	2			642			
Unit 2	44		118	1,252			
Unit 3	33		0	2,016			
Alliant Energy-Interstate Power Company							
Burlington Gas Turbine Des Moines County, IA							
Unit 1	390		9,642				
Unit 2	150		3,708				
Unit 3	400		9,888				
Unit 4	240		5,933				
Burlington Steam Des Moines County, IA							
Unit 1	1,163,795	747,465	16,290				
Centerville Diesel Appanoose County, IA							
Units 1 - 3	-208			798			
Centerville Gas Turbine Appanoose County, IA							
Units 1 - 2	2,393			471,198			

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Alliant Energy-Interstate Power Company, continued							
Dubuque Internal Combustion Dubuque County, IA							
Unit 1	-41			1,974			
Unit 2	-41			1,764			
Dubuque Steam Dubuque County, IA							
Unit 3	40,497		563,059				
Unit 4	41,634		685,009				
Emery Cerro Gordo County, IA							
Unit 1	259,544		3,125,166		11,256		
Unit 2	258,142		3,107,713		11,214		
Unit 3	350,552						
Fox Lake Steam Martin County, MN							
Unit 1	1,524		26,915				
Unit 3	19,753		249,775				
Grinnell Gas Turbine Powershiek County, IA							
Units 1 - 2	1,662		43,768				
Hills Internal Combustion Rock County, MN							
Unit 1	-84			1,302			
Unit 2	-5			0			
Lansing Internal Combustion Allamakee County, IA							
Unit 1	0			0			
Unit 2	0			0			

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat 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 3	-478	0		4,074			
Unit 4	1,137,284	760,752		378,126			
Lime Creek Cerro Gordo County, IA							
Unit 1	433			93,744			
Unit 2	456			94,416			
Louisa Station No. 1 (jointly owned) Louisa County, IA							
Unit 1	224,716	137,594	2,649				
M.L. Kapp Steam Clinton County, IA							
Unit 1	0						
Unit 2	531,353	350,588	34,863				
Marshalltown Gas Turbine Marshall County, IA							
Unit 1	13,449			1,392,804			
Unit 2	15,994			1,656,354			
Unit 3	625			64,722			
Montgomery Gas Turbine LeSueur County, MN							
Unit 1	-97			0			
Neal No. 3 Woodbury County, IA							
Unit 1	756,138	461,420	38,364				
Neal No. 4 (jointly owned) Woodbury County, IA							
Unit 4	1,214,511	724,255		156,660			

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Alliant Energy-Interstate Power Company, continued							
Ottumwa Generating Station Wappello County, IA							
Unit 1	1,605,821	1,029,007		418,530			
Prairie Creek Linn County, IA							
Unit 1A	54,786	46,438	3,164				
Unit 3	39,548	76,289	28,140	0			
Unit 4	464,543	215,063	433,627	0			
Red Cedar Linn County, IA							
Unit 1	-240		4,155				
Sutherland Station Marshall County, IA							
Unit 1	53,879	28,555	258,797				
Unit 3	168,724	56,422	751,739				
Whispering Willow East Wind Franklin County, IA							
Units 1-121	579,025						
Austin Utilities							
Downtown Plant Mower County, MN							
Units 1 -- 4	0						
Unit 5	53		1,287				
Northeast Plant Mower County, MN							
Unit 1	8,667	100	127,405				

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Benson Municipal Utilities							
Benson Municipal Utilities Swift County, MN							
Unit 5	15				1,136		
Unit 6	18				1,289		
Unit 7	14				682		
Unit 8	13				617		
Unit 9	13				774		
Unit 10	13				732		
Unit 11	14				756		
Blooming Prairie Public Utilities							
Blooming Prairie Power Plant Steele County, MN							
Unit 1	5				528		
Unit 2	29				2,337		
Unit 3	<1				42		
Unit 4	<1				61		
Unit 5	140				9,840		
Unit 6	126				8,908		
Blue Earth Lt & Water Dept							
Blue Earth City Plant Fairbault County, MN							
Unit 1	2				158		
Unit 3	2				137		
Unit 4	2				194		
Unit 5	3				155		
Unit 6	5				184		

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Dairyland Power Cooperative							
Alma Station Buffalo County, WI							
Unit 4	18,914	11,997		38,731			
Unit 5	52,130	29,729		98,997			
Elk Mound Combustion Turbine Rusk County, MN							
Unit 1	0		0	0			
Unit 2	0		0	0			
Five Star Dairy Dunn County, WI							
Unit 1	1,765		84,136				
Flambeau Hydroelectric Rusk County, WI							
Unit 1	16,159						
Unit 2	6,678						
Unit 3	19,482						
Genoa 3 Vernon County, WI							
Unit 1	918,012	595,996					
JP Madgett Buffalo County, WI							
Unit 1		1,209,040		222,964			

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Dairyland Power Cooperative, continued							
Norswiss Dairy Barron County, WI							
Unit 1	0						
Onyx Seven Mile Landfill Eau Claire County, WI							
Unit 1	0						
Unit 2	2,632						
Unit 3	1,745						
Unit 4	2,152						
Weston 4 Marathon County, WI							
Unit 1	859,787	445,294	12,131				
Wild Rose Dairy Vernon County, WI							
Unit 1	1,765						
Delano Municipal Utilities							
Delano Municipal Plant Wright County, MN							
Unit 1	1			81			
Unit 3	5			532			
Unit 4	3			310			
Unit 5	2			192			
Unit 6	2			224			
Unit 7	1			121			
Unit 8	8			552			
Unit 9	26			3,030			

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
East Grand Forks Water and Light Dept							
Distribution Service Center Polk County, MN							
Unit 1	10			800			
Water Treatment Plant Polk County, MN							
Unit 1	10			739			
Elk River Municipal Utilities							
Elk River Muni Diesel Plant Sherburne County, MN							
Unit 1	1			115			
Unit 2	1			115			
Unit 3	31			1,999			
Unit 4	49			3,437			
Fairfax Municipal							
Fairfax Muni Power Plant Renville County, MN							
Unit 2A	-138			270			
Federated REA							
Federated REA Wind Turbine Martin County, MN							
Unit 1	7,188						
Glencoe Light and Power Commission							
Glencoe Muni Elec Plant McLeod County, MN							
Unit 5	12						
Unit 7	30						

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Glencoe Light and Power Commission,continued							
Unit 8	37						
Unit 9	31			7,764			
Unit 10	7						
Unit 11	28						
Unit 12	28						
Unit 14	9			5,180			
Grand Marais Public Utilities							
Grand Marais Power Plant Cook County, MN							
Unit 1	85			6,415			
Unit 2	71			4,588			
Unit 3	71			5,318			
Granite Falls, City of							
Granite Falls Municipal Hydroelectric Chippewa County, MN							
Unit 1	408						
Unit 2	0						
Unit 3	2,159						
Granite Falls Municipal Diesel Yellow Medicine County, MN							
Unit 1	5						
Unit 2	5						
Unit 3	5						

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Great River Energy							
Cambridge Gas Turbine Plant Isanti County, MN							
Unit 1	378			55,466			
Unit 2	89,817		989,867				
Coal Creek Diesel McLean County, ND							
Unit 1	0						
Coal Creek Station McLean County, ND							
Unit 1	4,653,481	3,645,837					
Unit 2	4,574,391	3,579,986					
Elk River Station Sherburne County, MN							
Unit 1	31,606		11,301				62,467
Unit 2	39,428		15,469				77,084
Unit 3	59,708		23,915				113,684
Lakefield Junction Martin County, MN							
Unit 1	12,714		167,051	867			
Unit 2	17,159		225,455	1,170			
Unit 3	31,012		407,472	2,114			
Unit 4	23,724		311,713	1,617			
Unit 5	35,751		469,738	2,437			
Unit 6	30,873		405,645	2,104			
Maple Lake Wright County, MN							

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Great River Energy, continued							
Unit 1	330			46,800			
Pleasant Valley Station Mower County, MN							
Unit 11	94,949		1,043,353	40			
Unit 12	68,039		747,651	0			
Unit 13	10,849		119,214	0			
Rock Lake Pine County, MN							
Unit 1	374			51,652			
St. Bonifacious Power Plant Carver County, MN							
Unit 1	962			106,550			
Stanton Station Mercer County, ND							
Unit 1	1,242,965	707,771		72,680			
Halstad Municipal Utilities							
Halstad Diesel Plant Norman County, MN							
Unit 1	11			1,573			
Unit 2	13			1,933			
Hastings Public Utilities Commission							
Hastings Hydro Facility Dakota County, MN							
Unit 1	11,354						
Unit 2	10,375						

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Hibbing Public Utilities Commission							
Hibbing Public Utility Plant St. Louis County, MN							
Unit 3	58,370						
Unit 5	64,460						
Unit 6	11,774						
Hutchinson Utilities Commission							
Hutchinson Muni. Plant No. 1 McLeod County, MN							
Unit 2	4		0	440			
Unit 3	982		7,553	6,050			
Unit 4	925		7,509	5,678			
Unit 8	4,227		43,967				
Hutchinson Muni. Plant No. 2 McLeod County, MN							
Unit 1G	18,810		198,836				
Unit 1S	143						
Unit 9	382		6,136				
Janesville Municipal Utility							
Janesville Municipal Plant Waseca County, MN							
Unit 1	2		205	0			
Unit 2	1		137	0			
Unit 3	1		147	0			
Unit 4	11			810			

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat 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	5			770			
Unit 6	6			570			
Unit 7	6			830			
Lake Crystal Municipal Utilities							
Lake Crystal Plant Blue Earth County, MN							
Unit 1	3			250			
Unit 3	10			830			
Unit 4	3			131			
Unit 5	7			510			
Lakefield Public Utilities							
Lakefield Power Plant Jackson County, MN							
Unit 5	4			356			
Unit 6	12			840			
Lanesboro Public Utilities							
Lanesboro Power Plant – Diesel Filmore County, MN							
Unit 4	0						
Unit 5	0						
Lanesboro Power Plant – Hydro Filmore County, MN							
Unit 1	0						

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Litchfield Public Utilities							
Litchfield Power Plant Meeker County, MN							
Unit 1	359		1,925	795			
Unit 2	239		952	627			
QS1	107			7,600			
QS2	107			7,677			
QS3	107			7,524			
QS4	107			7,544			
QS5	107			7,560			
Luverne, City of							
Luverne Power Plant Rock County, MN							
Unit 1- on standby only	0			0			
Madelia Municipal Light & Power							
Madelia Municipal Plant Watonwan County, MN							
Unit 1	0						
Unit 2	0						
Unit 3	0						
Unit 4	0						
Unit 5	0						
Marshall Municipal Utilities							
Marshal Power Plant Lyon County, MN							
Unit 6	101			11,286			

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Melrose Public Utilities							
Melrose Power Plant Steams County, MN							
Unit 1	0						
Unit 2	0						
Unit 3	0						
Unit 4	0						
Minnesota Municipal Power Agency							
Faribault Energy Park Rice County, MN							
Unit 1	756,722		5,340,237				
Home Town Wind Steele County, MN							
Units 1-12	1,006						
Minnesota River Station Carver County, MN							
Unit 1	6,655		87,802				
Oak Glen Wind Farm Steele County, MN							
Units 1-24	124,239						
Minnesota Power Company							
Bison 1 Wind Turbine Morton County, MN							
Unit 1	280,869						
Blanchard Hydroelectric Station Morrison County, MN							
Unit 1	25,437						
Unit 2	33,167						
Unit 3	16,953						

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Minnesota Power Company, continued							
Boswell Energy Center Itasca County, MN							
Unit 1	467,471	287,551	22,489				
Unit 2	476,921	298,280	15,245				
Unit 3	2,405,291	1,406,990	71,053				
Unit 4 (79% share)	3,134,413	2,232,027	52,223				
Fond Du Lac Hydro Station St. Louis County, MN							
Unit 1	0						
Knife Falls Hydro Station Carlton County, MN							
Unit 1	1,847						
Unit 2	3,043						
Unit 3	3,448						
Laskin Energy Center St. Louis County, MN							
Unit 1	191,860	146,219					
Unit 2	176,506	133,984					
Little Falls Hydro Station Morrison County, MN							
Unit 1	5,460						
Unit 2	5,862						
Unit 3	7,256						
Unit 4	6,054						
Unit 5	2,513						
Unit 6	2,003						

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Minnesota Power Company, continued							
M.L. Hibbard Steam Station St. Louis County, MN							
Unit 3	4,258						9,114
Unit 4	16,074						24,160
Pillager Hydro Station Cass County, MN							
Unit 1	4,528						
Unit 2	3,510						
Prairie River Hydro Station Itasca County, MN							
Unit 1	0						
Unit 2	0						
Rapids Energy Center Itasca County, MN							
Unit 4	2,742						
Unit 5	2,084						
Unit 6	43,152	11,804	50,515				
Unit 7	65,219						185,374
Sappi Cloquet Turbine Generator 5 Carlton County, MN							
Unit 5	66,803						14,860
Scanlon Hydro Station Carlton County, MN							
Unit 1	945						
Unit 2	2,057						
Unit 3	1,114						
Unit 4	1,704						

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Minnesota Power Company, continued							
Sylvan Hydro Station Cass County, MN							
Unit 1	3,446						
Unit 2	3,308						
Unit 3	2,056						
Taconite Harbor Cook County, MN							
Unit 1	329,536	224,487					
Unit 2	154,724	102,755					
Unit 3	386,055	237,173					
Taconite Ridge 1 Wind Turbine St. Louis County, MN							
Unit 1	62,392						
Thomson Hydro Station Carlton County, MN							
Unit 1	25,090						
Unit 2	22,979						
Unit 3	19,625						
Unit 4	24,050						
Unit 5	20,794						
Unit 6	23,768						
Winton Hydro Station Lake County, MN							
Unit 2	4,932						
Unit 3	7,532						

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Minnkota Power Cooperative, Inc.							
Coyote Station Mercer County, ND							
Unit 1 (30% share)	2,289,191	1,828,463					
Grand Forks Diesel Plant Grand Forks County, ND							
Unit 1	0			0			
Unit 2	0			0			
Grand Forks Diesel Plant Grand Forks County, ND							
Unit 3	0			0			
Unit 4	0			0			
Unit 5	0			0			
Unit 6	0			0			
Unit 7	0			0			
Unit 8	0			0			
Unit 9	0			0			
Unit 10	0			0			
Unit 11	0			0			
Harwood Diesel Plant Cass County, ND							
Unit 2	0			0			
Unit 3	0			0			
Infinity Wind Petersburg Grand Forks County, ND							
Unit 1	2,785						
Infinity Wind Valley City Grand Forks County, ND							
Unit 1	2,671						

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Minnkota Power Cooperative, Inc., continued							
Milton R. Young Station Oliver County, ND							
Unit 1	1,902,733	1,610,825		723,646			
Unit 2 (50% share)	3,260,941	2,746,928		382,020			
Moorhead Public Service							
Moorhead Wind Turbine Clay County, MN							
Unit 8	1,070						
Unit 9	1,129						
Centennial Generating Station Clay Cty, MN							
Unit 1	8,418			559			
Unit 2	10,207			660			
Unit 3	10,260			678			
Unit 4	12,678			895			
Unit 5	11,364			746			
Moose Lake Water & Light Commission							
Moose Lake Muni Plant Carlton County, MN							
Unit 1	1			160			
Unit 2	2			135			
Unit 3	55			3,452			
Unit 4	2			181			
Unit 1 South	22			1,423			
Unit 2 South	54			3,772			

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Mora Municipal Utilities							
Mora Municipal Plant Kanabec County, MN							
Unit 2	95			750			
Unit 5	525			8,983			
Unit 6	458			32,460			
New Prague Utilities Commission							
New Prague Power Plant Scott County, MN							
Unit 2	932		7,728	7,354			
Unit 3	**508**		4,707	4,615			
Unit 4	521		4,611	5,840			
Unit 5	21			298			
Unit 6	1,302		9,641	9,770			
New Ulm Public Utilities							
New Ulm Gas Turbine Plant Brown County, MN							
Unit 5	130			15,154			
Unit 7	69			9,028			
New Ulm Steam Plant Brown County, MN							
Unit 4	5,929		88,935				
Unit 6	592		880				
Nobles Cooperative Electric							
Brewster Wind Turbine Brown County, MN							
Unit 1	7,449						

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
North Branch							
North Branch Plant Chisago County, MN							
Unit 3	134			9,274			
Unit 4	131			8,641			
Unit 5	43			3,267			
Unit 6	53			3,836			
Unit 7	39			2,671			
Otter Tail Power Company							
Bemidji Hydroelectric Beltrami County, MN							
Unit 1	186						
Unit 2	0						
Big Stone Plant Grant County, SD							
Unit 1 (54% share)	143,839	925,120					
Coyote Station Mercer County, ND							
Unit 1 (35% share)	782,358	624,094		84,060			
Dayton Hollow Hydroelectric Otter Tail County, MN							
Unit 1	3,259						
Unit 2	2,796						
Fergus Control Center Otter Tail County, MN							
Unit 1	23			1,915			

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Otter Tail Power Company, continued							
Hoot Lake Hydroelectric Otter Tail County, MN							
Unit 1	2,585						
Hoot Lake Steam Plant Otter Tail County, MN							
Unit 2	276,886	172,582		14,759			
Unit 3	379,336	236,004		27,896			
Unit 2A	0						
Unit 3A	0						
Jamestown Turbine Plant Stutsman County, ND							
Unit 1	750						
Unit 2	415						
Lake Preston Turbine Kingsbury County, SD							
Unit 1	280			47,246			
Pisgah Hydroelectric Otter Tail County, MN							
Unit 1	3,497						
Solway Beltram County, MN							
Unit 1	53,965		614,320	39			
Taplin Gorge Hydroelectric Otter Tail County, MN							
Unit 1	3,122						
Wright Hydroelectric Otter Tail County, MN							
Unit 1	1,546						

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Preston Public Utilities							
Preston Power Plant Filmore County, MN							
Unit 4	44			4,307			
Unit 5	63			7,123			
Unit 6	64		612	680			
Princeton Public Util.							
Princeton Power Plant Mille Lacs County, MN							
Unit 3	130			15,370			
Unit 4	43			5,340			
Unit 5	49			5,710			
Unit 6	151			17,850			
Unit 7	167			19,140			
Redwood Falls Public Util.							
Redwood Falls--Main Redwood County, MN							
Unit 1 (hydro)	0						
Unit 7	766		6,236	10,805			
Redwood Falls--South Redwood County, MN							
Unit 2	64						
Unit 3	88						
Unit 4	92						
Unit 5	96						

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Rochester Public Utilities							
Cascade Creek Olmsted County, MN							
Unit 1	1,559		26,826	1,215			
Unit 2	17,178		169,571	72,604			
Lake Zumbro Hydroelectric Wabasha County, MN							
Unit 1	3,089						
Unit 2	4,459						
Silver Lake Steam Plant Olmsted County, MN							
Unit 1	1,215	0	19,902				
Unit 2	2,004	3,158	289,909				
Unit 3	1,655	9,422	137,089				
Unit 4	6,943	2,792	23,769				
St. Charles Light and Water							
St. Charles Power Plant Winona County, MN							
Unit 1	20			1,590			
Unit 2	20			1,580			
Unit 3	20			1,550			
Unit 4	20			1,520			

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
St. James Municipal Light & Power							
Diesel Generation Plant Watonwan County, MN							
Unit 1	0						
Unit 2	0						
Unit 3	0						
Unit 4	0						
Unit 5	0						
Unit 6	0						
Sleepy Eye Public Utility							
Sleepy Eye Power Plant Brown County, MN							
Unit 1	7						
Unit 2	7						
Unit 4	7						
Unit 5	6						
Unit 6	8						
Unit 7	8						
Southern Minnesota Municipal Power Agency							
Fairmont Wind Farm Martin County, MN							
Units 1 – 4	15,869						
Owatonna Downtown Steele County, MN							
Units 6 – 7	953		9,482				
Redwood Falls Wind Farm Redwood County, MN							
Units 1 - 2	10,724						

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Southern Minnesota Municipal Power Agency, continued							
St. Peter Nicollet County, MN							
Units 1 - 6	931						
Sherburne Steam Plant Sherburne County, MN							
Unit 3 (41% share)	0						
Spring Valley Pub. Util. Com.							
Spring Valley Plant Fillmore County, MN							
Unit 2	95						
Unit 3	199						
Unit 4	213						
Unit 5	215						
Steele Waseca Coop Electric							
Windmills Steele County, MN							
Unit 1	Not Reported						
Unit 2	Not Reported						
Unit 3	Not Reported						
Unit 4	Not Reported						
Unit 5	Not Reported						
Unit 6	Not Reported						
Unit 7	Not Reported						
Unit 8	Not Reported						
Unit 9	Not Reported						
Unit 10	Not Reported						
Unit 11	Not Reported						

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Steele Waseca Coop Electric, continued							
Unit 12	Not Reported						
Unit 13	Not Reported						
Unit 14	Not Reported						
Unit 15	Not Reported						
Unit 16	Not Reported						
Unit 17	Not Reported						
Unit 18	Not Reported						
Unit 19	Not Reported						
Unit 20	Not Reported						
Unit 21	Not Reported						
Unit 22	Not Reported						
Unit 23	Not Reported						
Unit 24	Not Reported						
Thief River Falls Municipal Utilities							
Thief River Falls Hydro Plant Pennington County, MN							
Unit 1H	980						
Unit 2H	1,144						
Municipal Power Plant Pennington County, MN							
Unit 1D	3			267			
Unit 2D	6			507			
Unit 3D	6			480			
Unit 4D	4			330			

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Two Harbors, City of							
Two Harbors Plant Lake County, MN							
Unit 1	40		24	246			
Virginia Dept of Pub Utilities							
Virginia Power Plant St. Louis County, MN							
Unit 5	33,608	42,736	777,700				130,334
Unit 6	98,798						
Wells Public Utilities							
Wells Public Utilities Faribault County, MN							
Unit 1	Not reported						
Unit 2	Not reported						
Unit 3	Not reported						
Unit 4	Not reported						
Unit 5	Not reported						
Westbrook Public Utilities							
Westbrook Plant Cottonwood County, MN							
Unit 4	Not reported						
Unit 5	Not reported						

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	Net MWh Generation*	Fuel Used					
		Coal (Tons)	Nat Gas** (MCF)	Fuel Oil#2*** (Gallons)	Fuel Oil #6 (Gallons)	Nuclear (Mbtu)	Other**** (Tons)
Willmar Municipal Utilities							
Willmar Plant Kandiyohi County, MN							
Unit 2	51		1,111				
Unit 3	34,025	34,866					
Unit 4	142			9,520			
WTG3	3,897						
WTG4	3,907						
Windom Municipal Utility							
Windom Gas Turbine Cottonwood County, MN							
Unit 1	4			550			
Unit 2	3			219			
Unit 3	3			223			
Unit 4	2						
Worthington Public Utilities							
Worthington Diesel Generating Plant Nobles County, MN							
Unit 1	205			14,442			
Xcel Energy							
Allen S. King Washington County, MN							
Unit 1	3,364,279	1,849,798	58,677				
Alliant Tech Systems Hennepin County, MN							
Units 1 - 2	-36			470			

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	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							
Angus Anson Minnehaha County, SD							
Units 2-3	42,594		1,390,441	100,277			
Unit 4	70,135						
Apple River Hydroelectric St. Croix County, MN							
Units 1, 3, 4	8,949						
Bayfront Steam Ashland County, WI							
Unit 4	95,331	1,526	19,694				146,256
Unit 5	91,242						
Unit 6	5,842						
Big Falls Hydroelectric Rusk County, WI							
Units 1-2	9,025						
Unit 3	14,858						
Black Dog Steam Dakota County, MN							
Unit 2	38,939						
Unit 3	440,495	290,369	70,454				
Unit 4	789,607	488,962	93,163				
Unit 5	122,489		1,323,409				
Blue Lake Gas Turbine Scott County, MN							
Units 1-4	3,318						
Units 7-8	243,150			648,217			

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	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							
Cedar Falls Hydroelectric Dunn County, WI							
Unit 1	12,490						
Unit 2	7,344						
Unit 3	6,445						
Chippewa Falls Hydro Chippewa County, WI							
Units 1 - 6	50,751						
Cornell Hydroelectric Chippewa County, WI							
Units 1 - 4	57,260						
Dells Hydroelectric Eau Claire County, WI							
Unit 1	15,517						
Unit 2	1,250						
Units 3-5	13,645						
Flambeau Price County, WI							
Unit 1	1,523		32,890	1,630			
French Island Gas Turbine La Crosse County, WI							
Units 3-4	2,502			386,862			
French Island Steam Plant La Crosse County, WI							
Unit 1	35,979		2,958				58,203
Unit 2	30,919						58,378
Grand Meadow Wind Mower County, MN							
Units 1-67	310,521						

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	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	1,672		34,278	10,348			
Hayward Hydroelectric Sawyer County, MN							
Unit 1	1,367						
Hennepin Island Hydro Hennepin County, MN							
Units 1 - 4	46,204						
Unit 5	1,108						
High Bridge Ramsey County, MN							
Units 7 - 9	1,853,376		13,062,221				
Holcombe Hydroelectric Chippewa County, WI							
Units 1 - 3	58,107						
Inver Hills Gas Turbine Dakota County, MN							
Units 1 - 6	40,503		644,302				
Units 7 - 8							
Jim Falls Hydroelectric Chippewa County, WI							
Units 1 - 2	84,428						
Unit 3	3,444						
Key City Gas Turbine Blue Earth County, MN							
Units 1, 3, 4	1,639		33,399				

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	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							
Ladysmith Hydroelectric Rusk County, WI							
Units 1 - 2	5,564						
Unit 3	2,546						
Menomonie Hydro Dunn County, WI							
Units 1 - 2	14,075						
Monticello Nuclear Wright County, MN							
Unit 1	4,890,374						
Nobles Wind Turbine Nobles County, MN							
Units 1-134	645,508						
Prairie Island Nuclear Goodhue County, MN							
Unit 1	3,702,069						
Unit 2	3,359,582						
Red Wing Steam Goodhue County, MN							
Unit 1	103,885		17,623				90,620
Unit 2			19,640				90,994
Riverdale Hydroelectric St. Croix County, WI							
Units 1 - 2	1,979						
Riverside Hennepin County, MN							
Unit 7A	672,288		87,327				
Unit 9	691,428		7,404,066				
Unit 10	589,339		6,404,377				

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	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							
Saxon Falls Hydroelectric Jackson County, WI							
Units 1 - 2	4,748						
Sherburne Cnty Steam Sherburne County, MN							
Unit 1	3,863,096	2,317,375		237,541			
Unit 2	4,426,984	2,707,700		181,875			
Unit 3	-32,782	0		0			
St. Croix Falls Hydroelectric Polk County, WI							
Units 1 – 4	49,935						
Units 5 - 6	11,257						
Units 7 - 8	39,593						
Superior Falls Hydroelectric Gogebic County, MI							
Units 1 - 2	7,970						
Thornapple Hydroelectric Rusk County, WI							
Units 1 - 2	7,273						
Trego Hydroelectric Wasburn County, WI							
Units 1 - 2	6,604						
United Hospital Ramsey County, MN							
Units 1 - 3	-177			4,300			
Wheaton Chippewa County, WI							
Units 1 - 6	73,972		966,184	664,341			

Table 11- Net Generation and Fuel Consumption for Utility Owned Electric Generating Plants Serving Minnesota

2012	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							
White River Hydroelectric Ashland County, WI							
Units 1 - 2	3,303						
Wilmarth Steam Blue Earth County, MN							
Unit 1	51,652		15,679				84,277
Unit 2	51,756		22,917				83,230
Wissota Hydroelectric Chippewa County, WI							
Units 1 - 6	94,715						
Public Utility Totals	**72,312,693**	**35,833,588**	**54,368,968**	**9,404,443**	**51,000**	**Not reported**	**1,229,035**

Notes for Table 11

* 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.

** Natural gas includes small amount of methane gas.

*** Fuel Oil #2 includes Diesel Fuel.

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

Section II: Natural Gas Utilities

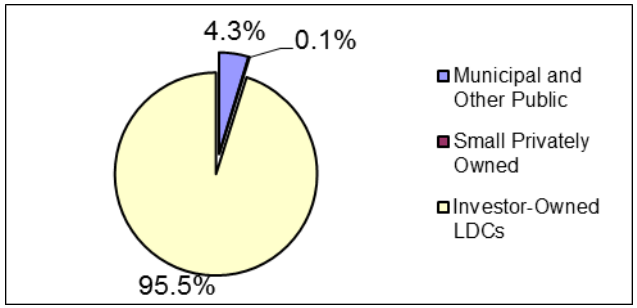
Overview

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[5] 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 LDCs that are smaller than a legislatively set threshold.

Types of Natural-Gas Utilities

In 2012 there were seven investor-owned local distribution companies serving customers in Minnesota. There also were five small privately owned and 29 municipal gas utilities serving Minnesota customers. As Figure 8 below shows, LDCs distribute a great majority of Minnesota's natural gas.

Figure 8: Natural Gas Throughput Reported by Type of Utility[6]

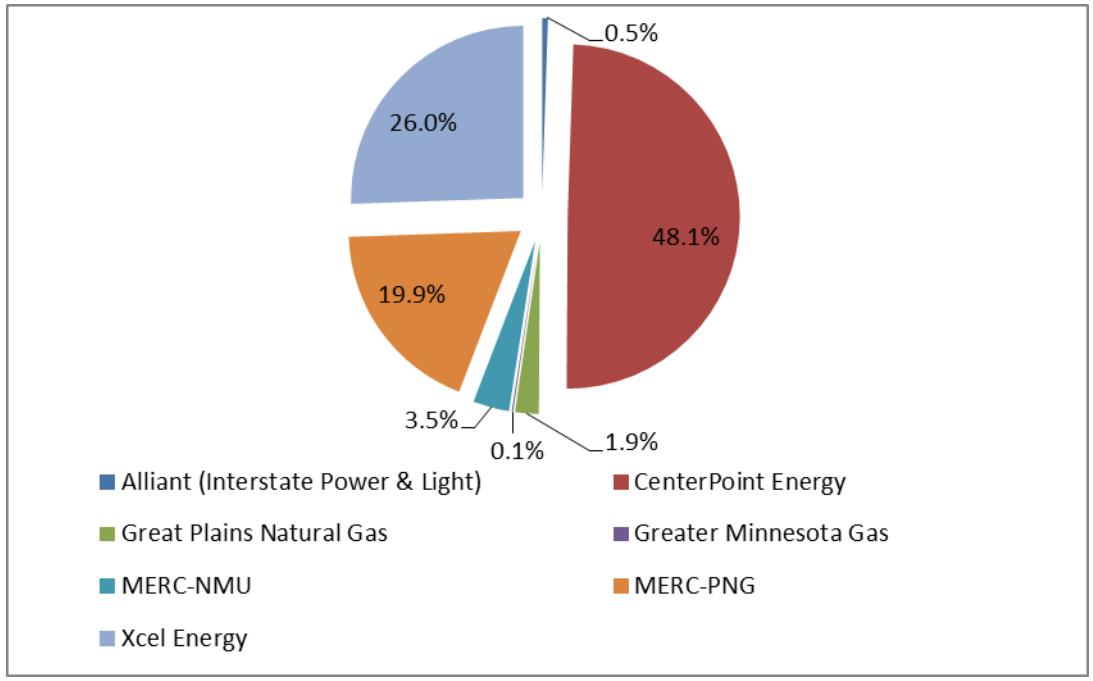


[5] Certain customers can purchase natural gas supplies from companies that are not regulated by state authorities. However, these customers must still transport the gas through their state-regulated local natural gas companies.
[6] See Table 14 for consumption by company.

Relative Size of Regulated Utilities

As Figure 9 shows, CenterPoint Energy is the largest of the regulated, investor-owned utilities, followed by Xcel Energy and Minnesota Energy Resources Corp-PNG. The regulated, investor-owned company with the smallest Minnesota consumption in 2012 was Greater Minnesota Gas Inc.

Figure 9: Regulated Investor-Owned LDCs' Percentages of Total Type Consumption



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 12 and 13 provide overall natural gas consumption and numbers of natural gas customers in Minnesota.

Tables 14 and 15 provide natural gas consumption and numbers of natural gas customers reported by each natural gas company serving Minnesota in 2012. Table 16 provides revenues reported by the natural gas companies.

Table 12 indicates that 2012 consumption of natural gas in the residential sector was 14 percent lower than 2011 consumption. As Figure 10 below indicates, residential consumption of natural gas on a weather-normalized basis has declined since 1973.

Figure 10: Weather-Normalized Natural Gas Use per Residential Customer

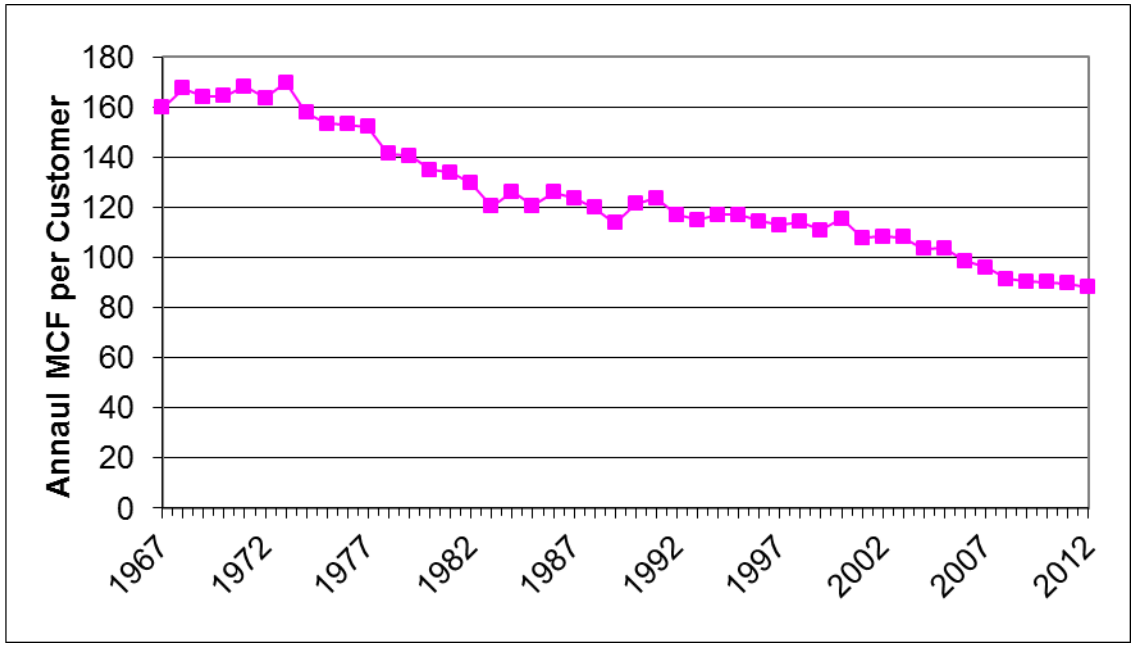


Table 12: Total Minnesota Historical Natural Gas Consumption

Minnesota Natural Gas Consumption (1,000 MCF)

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

Table 12, Continued: Minnesota Natural Gas Consumption (1,000 MCF)

Year	Residential	Commercial	Industrial*	Electric Generation*	Deliveries to Transportation**	Company Use	Unaccounted For	Total
1989	112,496	84,155	41,804	-	40,567	275	965	280,262
1990	106,894	85,978	44,635	-	48,843	217	(2,790)	283,777
1991	117,229	86,312	39,586	-	59,221	223	2,098	304,668
1992	113,160	83,255	36,977	-	57,086	430	3,260	294,169
1993	124,114	85,505	43,331	-	51,129	225	2,288	306,592
1994	121,450	80,888	42,452	-	59,177	335	1,014	305,317
1995	128,458	86,473	37,945	-	76,072	257	1,860	331,065
1996	142,268	94,824	44,429	-	61,007	333	1,938	344,799
1997	129,182	96,089	42,294	-	64,380	305	1,054	333,304
1998	110,934	84,596	43,837	-	63,934	194	1,673	305,168
1999	118,941	90,294	36,874	5,580	64,457	344	2,001	318,490
2000	128,327	95,888	36,812	4,502	64,273	142	2,441	332,385
2001	125,984	95,662	33,726	4,189	51,024	159	2,691	313,435
2002	134,665	98,443	32,063	4,060	65,162	148	356	334,896
2003	137,622	97,539	34,755	4,325	58,626	201	1,062	334,130
2004	132,909	93,936	33,026	3,679	62,404	201	2,068	328,223
2005	128,883	92,825	34,629	7,122	62,576	168	2,752	328,956
2006***	119,125	85,914	29,526	5,991	70,756	181	5,268	316,850
2007***	129,208	80,311	41,705	6,463	77,259	195	4,421	339,562
2008	140,152	90,825	41,857	6,427	78,671	207	3,868	362,008
2009	133,172	91,555	33,996	3,114	74,807	202	2,870	339,714
2010	122,787	78,404	36,047	4,131	100,829	162	1,246	343,647
2011	127,351	76,026	35,690	3,341	106,917	202	72	349,641
2012	109,607	70,810	30,825	23,092	112,014	331	1,015	347,734

Notes for Table 12

*Electric Generation is included in Industrial prior to 1999.

** Some natural gas customers can purchase gas supplies from unregulated natural gas suppliers and transport this gas through regulated utilities' systems. Deliveries to Transportation was reported as a separate category starting with 1987.

*** Figures for some categories may not equal the corresponding figures in Table 14 due to reporting discrepancies.

Table 13: Number of Minnesota Natural Gas Customers

Year	Residential Firm	Commercial Firm*	Commercial Interruptible*	Industrial Firm*, **	Industrial Interruptible*	Electric Generation**	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

Table 13, Continued: Minnesota Natural Gas Customers

Year	Residential Firm	Commercial Firm*	Commercial Interruptible*	Industrial Firm*	Industrial Interruptible*	Electric Generation	Total
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	1,200,349	115,901	3,875	442	824	31	1,321,422
2000	1,238,679	114,271	3,917	628	898	31	1,358,424
2001	1,263,214	116,640	3,951	661	853	32	1,385,351
2002	1,293,734	119,032	3,974	658	785	39	1,418,222
2003	1,323,721	120,598	3,882	689	809	40	1,449,739
2004	1,354,242	122,898	3,823	701	815	40	1,482,519
2005	1,378,515	123,659	3,903	704	770	42	1,507,593
2006	1,402,701	126,056	3,808	703	741	42	1,534,051
2007	1,410,202	115,193	3,287	12,356	1,218	40	1,542,296
2008	1,422,261	117,023	3,810	12,342	694	40	1,556,163
2009	1,430,394	117,383	3,133	12,473	1,374	32	1,564,789
2010	1,438,479	118,427	3,645	11,954	759	29	1,573,293
2011	1,444,143	111,756	3,132	19,350	1,132	31	1,579,544
2012	1,453,850	120,925	3,202	10,824	1,248	41	1,590,090

Notes for Table 13

*Sales and transportation customers are combined.

**Electric Generation is included in Industrial prior to 1999.

Table 14: Minnesota Natural Gas Consumption by Company in 2012

2012	Residential	Commercial	Industrial	Electric Generation	Deliveries to Transportation Customers	Company Use	Unaccounted For	Total
Alliant Energy	700,903	642,300	0	0	174,859	0	0	1,518,062
Argyle Municipal Utilities	11,133	12,665	0	0	0	0	0	23,798
Austin Utilities Gas Dept	889,087	*	*	0	0	135,840	0	1,761,533
Bagley Public Utilities Commission	21,118	35,105	0	0	0	0	0	56,223
CenterPoint Energy	57,717,558	43,828,879	6,154,958	21,621,619	29,482,627	92,488	1,011,795	159,909,924
Circle Pines Utilities dba Centennial Utilities	190,705	*	0	0	323,160	4,378	*	645,945
Cohasset, City of	51,262	*	*	0	0	0	0	106,559
Community Utilities Co Inc	49,197	19,423	6,829	0	0	0	0	75,449
Duluth Water Gas	2,422,667	1,528,893	576,448	0	267,145	0	0	4,795,153
Eagle Bend/Clarissa Utilities Commission	29,280	64,749	0	0	0	0	0	94,029
Fairfax Natural Gas	32,801	*	*	0	0	0	0	63,475
Fosston Municipal Utility	23,796	*	*	0	0	0	0	212,054
Goodhue Public Utility Commission	29,544	17,673	0	0	0	0	0	47,217
Great Plains Natural Gas Co	1,180,293	1,417,743	1,032,781	0	2,808,304	0	0	6,439,121
Greater Minnesota Gas Inc	276,384	145,655	0	0	24,928	0	0	446,967
Hallock Municipal Gas	40,100	12,987	0	0	0	747	0	53,834
Hawley Public Utilities Natural Gas	33,633	30,371	0	0	0	0	(1,400)	62,604
Henning Municipal Gas	22,400	31,996	0	0	0	0	0	54,396
Hibbing Pub Utilities Natural Gas	334,162	*	0	*	0	0	0	612,197
Hutchinson Utilities Natural Gas	364,653	1,056,592	*	*	0	8,770	*	1,692,502
Lake Park Public Utilities	16,127	15,162	0	0	0	0	0	31,289

Table 14: Minnesota Natural Gas Consumption by Company in 2012, continued

2012	Residential	Commercial	Industrial	Electric Generation	Deliveries to Transportation Customers	Company Use	Unaccounted For	Total
MERC-NMU	2,767,053	768,480	2,947,335	0	5,080,744	9,892	0	11,573,504
MERC-PNG*	10,945,391	527,042	7,384,961	0	47,132,316	7,706	0	65,997,416
Morgan Natural Gas Srvcs	12,097	*	*	0	0	0	0	28,890
New Ulm Public Utilities Natural Gas	343,064	*	303,614	*	0	18,439	0	1,124,979
New York Mills Municipal Gas	32,764	46,791	0	0	0	12,162	0	91,717
Northwest Gas of Cass County	13,045	54,449	0	0	0	0	0	67,494
Northwest Natural Gas LLC	95,330	*	*	0	0	0	0	170,728
Northwest Natural Gas of Murray Cnty Inc	51,214	55,942	0	0	0	0	0	107,156
Owatonna Public Utilities Natural Gas	6,649	9,259	0	45	0	0	0	15,953
Perham, City of	144,636	*	*	0	0	0	0	1,217,672
Randall Municipal Gas	16,492	*	*	0	0	25	40	29,331
Round Lake, City of	10,528	*	*	0	0	24,456	603	49,515
Sheehan's Gas Co., Inc.	0	0	0	0	0	0	0	0
Stephen Municipal Gas	16,588	6,459	0	0	0	0	111	23,158
Two Harbors Municipal Gas	139,955	189,184	0	0	0	0	0	329,139
Tyler, City of **	0	0	0	0	0	0	0	39,598
Virginia Public Utilities	130,656	*	0	*	0	0	0	1,057,935
Warren, City of	404,365	396,516	0	0	0	0	0	800,881
Westbrook Municipal Utilities	2,470	0	0	0	0	0	0	2,470
Xcel Energy	30,038,392	18,673,629	10,715,218	141,288	26,719,980	15,922	0	86,304,429
TOTAL	109,607,492	70,809,827	30,825,426	23,092,092	112,014,063	330,825	1,014,973	347,734,296

Notes for Table 14

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

**2012 data not provided by customer class.

Table 15: Minnesota Natural Gas Customers by Company in 2012

2012	Residential	Commercial Firm**	Commercial Interruptible**	Industrial Firm**	Industrial Interruptible**	Electric Generation**	Total
Alliant Energy	9,434	1,197	40	10	10	0	10,691
Argyle Municipal Utilities	206	42	0	0	0	0	248
Austin Utilities Gas Dept	10,244	69	*	*	*	0	10,324
Bagley Public Utilities Commission	393	112	0	0	0	0	505
CenterPoint Energy	747,266	65,103	2,483	184	276	21	815,333
Circle Pines Utilities	2,841	*	*	0	0	0	3,031
Cohasset, City of	683	*	58	*	0	0	745
Community Utilities Co Inc	691	85	0	7	0	0	783
Duluth Water Gas	24,977	1,814	0	17	8	0	26,816
Eagle Bend/Clarissa Utilities Commission	468	95	0	0	0	0	563
Fairfax Natural Gas	568	*	0	*	0	0	679
Fosston Municipal Utility	445	*	0	*	0	0	536
Goodhue Public Utility Commission	447	17	0	0	0	0	464
Great Plains Natural Gas Co	18,203	2,652	146	0	22	0	21,023
Greater Minnesota Gas Inc	4,323	377	0	29	53	0	4,782
Hallock Municipal Gas	430	10	0	0	0	0	440
Hawley Public Utilities Natural Gas	563	107	0	0	0	0	670
Henning Municipal Gas	380	61	0	0	0	0	441
Hibbing Pub Utilities Natural Gas	3,741	423	*	0	0	*	4,177
Hutchinson Utilities Natural Gas	4,941	526	0	*	0	*	5,472
Lake Park Public Utilities	283	57	0	0	0	0	340

Table 15: Minnesota Natural Gas Customers by Company in 2012, continued

2012	Residential	Commercial Firm**	Commercial Interruptible**	Industrial Firm**	Industrial Interruptible**	Electric Generation**	Total
MERC-NMU	36,003	2,632	98	2,800	117	0	41,650
MERC-PNG	155,445	8,334	0	7,565	470	0	171,814
Morgan Natural Gas Srvcs	288	*	0	*	0	0	324
New Ulm Public Utilities Natural Gas	5,525	558	*	15	0	*	6,131
New York Mills Municipal Gas	461	69	0	0	17	0	547
Northwest Gas of Cass County	223	99	0	10	0	0	332
Northwest Natural Gas LLC	1,651	*	0	*	21	0	1,866
Northwest Natural Gas of Murray Cnty Inc	1,055	148	0	0	16	0	1,219
Owatonna Public Utilities Natural Gas	9,333	825	0	0	96	9	10,263
Perham, City of	2,637	*	0	*	26	0	3,057
Randall Municipal Gas	238	*	*	*	0	0	276
Round Lake, City of	166	28	*	*	*	0	200
Sheehan's Gas Co., Inc.	0	0	0	0	0	0	0
Stephen Municipal Gas	209	58	0	0	0	0	267
Two Harbors Municipal Gas	1,471	209	6	29	0	0	1,715
Tyler, City of	370	59	0	0	0	0	429
Virginia Public Utilities	1,547	*	*	0	0	*	1,866
Warren, City of	519	112	0	0	0	0	631
Westbrook Municipal Utilities	320	0	0	0	0	0	320
Xcel Energy	404,862	33,638	370	130	114	6	439,120
TOTALS	1,453,850	120,925	3,202	10,824	1,248	41	1,590,090

Notes for Table 15

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

** Sales and transportation customers are combined.

Table 16: Minnesota Natural Gas Revenue by Company in 2012

2012^	Residential	Commercial Firm	Commercial Interruptible	Industrial Firm^^	Industrial Interruptible	Total
Alliant Energy	$5,871,069	$2,512,320	$825,498	$101,690	$800,481	$10,111,058
Argyle Municipal Utilities	$137,024	$161,624	$0	$0	$0	$298,648
Austin Utilities Gas Dept	$8,265,717	$1,255,524	*	*	*	$13,547,884
Bagley Public Utilities Commission	$213,282	$296,205	$0	$0	$0	$509,487
CenterPoint Energy	$430,327,134	$175,576,537	$61,680,675	$2,372,536	$57,372,481	$727,329,363
Circle Pines Utilities	$1,724,770	*	*	$0	$0	$2,555,131
Cohasset, City of	$490,340	*	$0	*	$0	$834,023
Community Utilities Co Inc	$560,460	$213,917	$0	$78,016	$0	$852,393
Duluth Water Gas	$20,887,507	$10,706,811	$0	$2,069,842	$0	$33,664,160
Eagle Bend/Clarissa Utilities Commission	$235,403	$384,813	$0	$0	$0	$620,216
Fairfax Natural Gas	$345,597	*	$0	*	$0	$1,277,914
Fosston Municipal Utility	$213,680	*	$0	*	$0	$1,320,110
Goodhue Public Utility Commission	$287,932	$172,759	$0	$0	$0	$460,691
Great Plains Natural Gas Co	$9,908,736	$6,303,193	$2,444,024	$0	$4,532,933	$23,188,886
Greater Minnesota Gas Inc	$2,959,650	$355,368	$0	$318,312	$508,290	$4,141,620
Hallock Municipal Gas	$353,887	$94,072	$0	$0	$0	$447,959
Hawley Public Utilities Natural Gas	$320,517	$256,795	$0	$0	$0	$577,312
Henning Municipal Gas	$252,484	$290,009	$0	$0	$0	$542,493
Hibbing Pub Utilities Natural Gas	$3,226,297	$2,353,945	*	$0	*	$5,650,333
Hutchinson Utilities Natural Gas	$3,697,538	*	$0	*	$0	$9,674,887
Lake Park Public Utilities	$151,035	$134,667	$0	$0	$0	$285,702

Table 16: Minnesota Natural Gas Revenue by Company in 2012, continued

2012^	Residential	Commercial Firm	Commercial Interruptible	Industrial Firm^^	Industrial Interruptible	Total
MERC-NMU	$23,749,823	$1,715,992	$2,802,353	$13,935,758	$3,129,282	$45,333,208
MERC-PNG	$94,933,933	$4,911,300	$6,421,309	$40,200,010	$8,936,597	$155,403,149
Morgan Natural Gas Srvcs	$147,478	*	$0	*	$0	$342,038
New Ulm Public Utilities Natural Gas	$3,410,208	$1,169,107	*	*	$79,787	$6,627,609
New York Mills Municipal Gas	$339,236	$422,813	$0	$105,186	$0	$867,235
Northwest Gas of Cass County	$119,688	$125,023	$0	$203,773	$0	$448,484
Northwest Natural Gas LLC	$883,198	*	$0	$0	*	$1,392,329
Northwest Natural Gas of Murray Cnty Inc	$483,373	$270,816	$0	$0	$138,103	$892,292
Owatonna Public Utilities Natural Gas	$5,964,210	$2,326,169	$0	$0	$3,786,477	$12,076,856
Perham, City of	$1,107,526	*	$0	*	$3,779,516	$5,813,175
Randall Municipal Gas	$152,457	*	$0	*	$14,707	$241,652
Round Lake, City of	$95,931	$23,754	*	*	*	$203,081
Stephen Municipal Gas	$210,101	$73,792	$0	$0	$0	$283,893
Two Harbors Municipal Gas	$894,659	$374,811	$218,387	$397,506	$0	$1,885,363
Tyler, City of **	$392,710	$98,177	$0	$0	$0	$490,887
Virginia Public Utilities	$1,277,954	*	*	$0	*	$4,613,251
Warren, City of	$354,617	$305,145	$0	$0	$0	$659,762
Westbrook Municipal Utilities	$275,745	$0	$0	$0	$0	$275,745
Xcel Energy	$241,691,486	$108,755,906	$12,256,970	$15,361,081	$35,910,841	$413,976,285
TOTAL	$866,914,392	$328,351,029	$88,149,986	$82,547,508	$123,753,649	$1,489,716,564

Notes for Table 16

^ The categories shown capture natural gas sales and transportation revenues.

^^ May include electric generation.

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

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 2012 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 or 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 state energy data collection and information system authorized by Minnesota Statutes section 216C.10 and conducted pursuant to Minnesota Rules Chapter 7610.

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.