

XCEL (Minnesota Co) Electric Utility - Demand Allocations
Actual kW
2011

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total kW</u>	<u>Allocation Factors</u>
	<u>Production</u>													
Minnesota	4,847,661	4,766,735	4,513,420	4,216,962	4,702,910	6,936,044	7,215,460	6,265,403	6,525,027	4,800,869	4,522,601	4,699,973	64,013,066	88.2007%
North Dakota	403,752	389,716	380,715	312,764	264,818	328,814	379,852	433,870	373,848	349,880	349,875	374,829	4,342,733	5.9837%
South Dakota	<u>313,998</u>	<u>312,703</u>	<u>293,581</u>	<u>248,831</u>	<u>261,874</u>	<u>418,907</u>	<u>476,917</u>	<u>444,911</u>	<u>454,896</u>	<u>309,902</u>	<u>288,834</u>	<u>309,823</u>	<u>4,135,177</u>	<u>5.6977%</u>
NSP-MN Total Retail	5,565,412	5,469,154	5,187,716	4,778,557	5,229,601	7,683,765	8,072,229	7,144,183	7,353,771	5,460,651	5,161,310	5,384,626	72,490,975	99.8821%
NSP-MN Total Wholesale	<u>11,589</u>	<u>11,306</u>	<u>10,509</u>	<u>8,377</u>	<u>3,502</u>	<u>6,575</u>	<u>7,711</u>	<u>6,149</u>	<u>6,478</u>	<u>3,980</u>	<u>4,462</u>	<u>4,925</u>	<u>85,563</u>	<u>0.1179%</u>
TOTAL	5,577,001	5,480,460	5,198,225	4,786,935	5,233,103	7,690,340	8,079,939	7,150,332	7,360,249	5,464,631	5,165,771	5,389,551	72,576,538	100.0000%

<u>Production</u>	<u>Transmission</u>		<u>Production</u>
	<u>Loss Multipliers</u>	<u>HSDS Demand</u>	
Minnesota	0.9676	61,939,042	88.3621%
North Dakota	0.9283	4,031,359	5.7511%
South Dakota	0.9783	<u>4,045,443</u>	<u>5.7712%</u>
Retail		70,015,844	99.8844%
Wholesale	0.9469	<u>81,020</u>	<u>0.1156%</u>
Total		70,096,864	100.0000%

2011 Wholesale municipals included the following:
 Ada, Lake Crystal, Kasota, and Kasson
 Transmission Loss Multipliers were updated February 2011.
 Excludes Company Use

Northern States Power Company, a Minnesota Corporation
 Calculation of the E-10 - Energy Allocator
 2011 Actual

Sales	Month	Year	MN State			ND State	SD State	NSPM		
			Retail	Wholesale	Total	Total	Total	Retail	Wholesale	Total
	January	2011	2,715,651	7,117	2,722,768	224,387	178,591	3,118,629	7,117	3,125,746
	February	2011	2,441,960	5,387	2,447,348	187,198	147,104	2,776,262	5,387	2,781,649
	March	2011	2,562,431	5,480	2,567,911	204,954	162,654	2,930,039	5,480	2,935,519
	April	2011	2,310,798	4,822	2,315,620	172,137	142,515	2,625,450	4,822	2,630,272
	May	2011	2,431,064	2,115	2,433,179	170,724	156,238	2,758,026	2,115	2,760,141
	June	2011	2,723,892	2,397	2,726,289	160,373	168,305	3,052,571	2,397	3,054,968
	July	2011	3,332,439	3,496	3,335,935	198,356	221,026	3,751,821	3,496	3,755,317
	August	2011	3,063,567	2,838	3,066,405	186,881	200,480	3,450,928	2,838	3,453,766
	September	2011	2,585,537	2,228	2,587,764	169,853	163,634	2,919,024	2,228	2,921,251
	October	2011	2,480,793	2,247	2,483,040	172,993	153,438	2,807,224	2,247	2,809,471
	November	2011	2,449,876	1,954	2,451,831	182,106	149,186	2,781,169	1,954	2,783,123
	December	2011	2,555,124	2,510	2,557,633	212,541	166,272	2,933,936	2,510	2,936,446
Total Sales			31,653,133	42,590	31,695,724	2,242,501	2,009,443	35,905,077	42,590	35,947,668
Percent Losses (*)			6.22%	3.85%	6.19%	9.32%	5.79%	6.40%	3.85%	6.37%
Losses			2,100,562	1,705	2,102,268	230,466	123,397	2,454,425	1,705	2,456,130
Energy (Total Sales Plus Losses)			33,753,695	44,296	33,797,991	2,472,967	2,132,839	38,359,502	44,296	38,403,798

Calculation of Energy Allocator - E10

Method of Applying TLM's

	Total Energy Less Co. Use	TLM's	Total Energy Less Co Use Adjusted for Transm. Losses	Energy Allocator (1)
MN	33,753,695	0.9662	32,612,821	88.0113%
ND	2,472,967	0.9320	2,304,806	6.2199%
SD	2,132,839	0.9823	2,095,088	5.6539%
WHSL	44,296	0.9615 (1)	42,590	0.1149%
	38,403,798		37,055,305	100.0000%

Notes:

* Percent Losses are a 5 year average of losses based on 2007 through 2011

(1) Wholesale transmission loss multiplier equal to total Wholesale losses (3.85%) since energy delivered to these customers is metered at the delivery point (1-0.0385=.9615)

Original Energy Loss Factors -- 4-Year Average 1985-1988

	No Dak	So Dak	Minn	Minn Co	Wisc Co	NSP Co
Bulk(UT)	0.9992	1	0.985	0.9866	0.9799	0.9855
Bulk(T)	0.996	1	0.9798	0.9816	0.9788	0.981
Tran(UT)	0.9942	0.9835	0.9753	0.9769	0.9671	0.9753
Tran(T)	0.9918	0.9825	0.9739	0.9754	0.9644	0.9736
Subtran(UT)	0.9881	0.9741	0.9677	0.9693	0.945	0.9653
Subtran(t)	0.9828	0.967	0.9621	0.9636	0.9372	0.9593
Primary	0.9754	0.9529	0.9523	0.9539	0.9251	0.9491
Large secondary	0.9642	0.9321	0.9372	0.9388	0.9048	0.9331
Small Secondary	0.9591	0.9267	0.9296	0.9314	0.899	0.926

Original Overall Loss Factor (Gr	0.9613	0.9340	0.9396	0.9407	0.9104	0.9357
Budget Losses:	0.0932	0.0582	0.0619	0.0637	0.0988	0.0694
Adjustment Factors:	0.94327	1.00838	0.99845	0.99536	0.98986	0.99452

	No Dak	So Dak	Minn	Minn Co	Wisc Co	NSP Co
Bulk(UT)	0.9425	1	0.9835	0.982	0.97	0.9801
Bulk(T)	0.9395	1	0.9783	0.977	0.9689	0.9756
Tran(UT)	0.9378	0.9917	0.9738	0.9724	0.9573	0.97
Tran(T)	0.9355	0.9907	0.9724	0.9709	0.9546	0.9683
Subtran(UT)	0.932	0.9823	0.9662	0.9648	0.9354	0.96
Subtran(t)	0.927	0.9751	0.9606	0.9591	0.9277	0.954
Primary	0.9201	0.9609	0.9508	0.9495	0.9157	0.9439
Large secondary	0.9095	0.9399	0.9357	0.9344	0.8956	0.928
Small Secondary	0.9047	0.9345	0.9282	0.9271	0.8899	0.9209

Xcel Energy Co (MN)
2011 Actuals
Electric Mwh Sales

MN Co

Month	Year	Sales Act Cal Res w/o	Sales Act Cal Res w/	Sales Act Cal Small C&I	Sales Act Cal Large C&I	Sales Act Cal Str Light	Sales Act Cal Other Sls	Sales Act Cal Interdep	Retail Total	Sales Act Cal Whsl - F	Sales Act Cal Whsl - NF	Sales Act Cal Total
Jan	2011	893,754	104,769	1,316,916	774,009	21,489	7,109	582	3,118,629	7,117	370,951	3,496,697
Feb	2011	756,691	84,011	1,200,552	713,787	14,600	6,052	569	2,776,262	5,387	442,113	3,223,762
Mar	2011	742,189	79,472	1,270,160	815,172	15,226	7,381	439	2,930,039	5,480	-218,902	2,716,617
Apr	2011	632,816	48,362	1,181,131	742,886	12,219	7,590	445	2,625,450	4,822	185,153	2,815,425
May	2011	660,084	42,688	1,241,180	793,858	11,238	8,007	971	2,758,026	2,115	191,649	2,951,790
Jun	2011	849,946	33,732	1,329,733	820,959	10,050	7,195	956	3,052,571	2,397	139,212	3,194,179
Jul	2011	1,260,877	47,744	1,528,764	895,087	9,452	8,890	1,008	3,751,821	3,496	165,479	3,920,796
Aug	2011	1,027,017	40,640	1,424,400	939,093	11,249	8,314	215	3,450,928	2,838	219,612	3,673,377
Sep	2011	726,032	33,497	1,267,365	869,425	14,146	7,734	822	2,919,024	2,228	175,475	3,096,726
Oct	2011	671,694	43,261	1,240,127	828,235	15,773	7,478	656	2,807,224	2,247	132,733	2,942,203
Nov	2011	713,011	58,519	1,185,698	799,239	17,281	6,527	894	2,781,169	1,954	172,173	2,955,295
Dec	2011	812,621	84,131	1,253,518	758,161	19,114	5,901	491	2,933,936	2,510	201,163	3,137,609
		9,746,731	700,826	15,439,547	9,749,911	171,837	88,177	8,049	35,905,077	42,590	2,176,809	38,124,477

MN State

Jan	2011	779,556	57,551	1,129,669	724,374	18,098	5,820	582	2,715,651	7,117	370,951	3,093,719
Feb	2011	662,677	46,236	1,050,556	664,801	12,036	5,085	569	2,441,960	5,387	442,113	2,889,461
Mar	2011	647,314	43,632	1,090,241	761,864	13,039	5,903	439	2,562,431	5,480	-218,902	2,349,009
Apr	2011	552,049	26,712	1,026,898	688,958	9,263	6,474	445	2,310,798	4,822	185,153	2,500,773
May	2011	578,371	24,624	1,074,876	735,780	9,926	6,515	971	2,431,064	2,115	191,649	2,624,828
Jun	2011	755,076	19,734	1,170,611	763,204	8,375	5,935	956	2,723,892	2,397	139,212	2,865,501
Jul	2011	1,119,969	27,704	1,336,818	831,248	7,925	7,767	1,008	3,332,439	3,496	165,479	3,501,414
Aug	2011	916,909	23,954	1,233,084	872,810	9,448	7,148	215	3,063,567	2,838	219,612	3,286,017
Sep	2011	639,539	18,483	1,100,502	807,597	11,917	6,676	822	2,585,537	2,228	175,475	2,763,239
Oct	2011	591,394	24,101	1,077,653	767,358	13,268	6,363	656	2,480,793	2,247	132,733	2,615,772
Nov	2011	628,069	31,293	1,025,878	743,852	14,490	5,401	894	2,449,876	1,954	172,173	2,624,003
Dec	2011	708,529	45,555	1,077,145	702,602	15,436	5,366	491	2,555,124	2,510	201,163	2,758,796
		8,579,451	389,580	13,393,931	9,064,449	143,220	74,454	8,049	31,653,133	42,590	2,176,809	33,872,533

ND State

Jan	2011	54,564	39,811	100,736	25,911	2,077	1,289	0	224,387	0	0	224,387
Feb	2011	44,894	31,590	82,032	26,241	1,475	966	0	187,198	0	0	187,198
Mar	2011	46,786	30,611	97,590	27,268	1,221	1,477	0	204,954	0	0	204,954
Apr	2011	37,703	18,002	84,814	29,202	1,299	1,116	0	172,137	0	0	172,137
May	2011	37,502	14,640	85,779	30,394	916	1,491	0	170,724	0	0	170,724
Jun	2011	38,462	10,805	80,036	28,841	970	1,260	0	160,373	0	0	160,373
Jul	2011	52,223	15,574	97,341	31,232	863	1,123	0	198,356	0	0	198,356
Aug	2011	44,997	13,123	96,423	30,126	1,046	1,166	0	186,881	0	0	186,881
Sep	2011	37,856	12,113	86,287	31,236	1,302	1,058	0	169,853	0	0	169,853
Oct	2011	36,548	15,954	85,971	31,991	1,415	1,115	0	172,993	0	0	172,993
Nov	2011	39,303	22,817	88,356	28,863	1,642	1,126	0	182,106	0	0	182,106
Dec	2011	47,993	32,254	100,457	29,458	1,843	535	0	212,541	0	0	212,541
		518,831	257,294	1,085,821	350,764	16,067	13,723	0	2,242,501	0	0	2,242,501

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SD State

Jan	2011	59,634	7,408	86,511	23,723	1,315	0	0	178,591	0	0	178,591
Feb	2011	49,121	6,185	67,964	22,745	1,089	0	0	147,104	0	0	147,104
Mar	2011	48,089	5,230	82,329	26,040	966	0	0	162,654	0	0	162,654
Apr	2011	43,064	3,648	69,419	24,726	1,657	0	0	142,515	0	0	142,515
May	2011	44,210	3,423	80,525	27,683	397	0	0	156,238	0	0	156,238
Jun	2011	56,408	3,192	79,087	28,913	705	0	0	168,305	0	0	168,305
Jul	2011	88,684	4,466	94,605	32,606	664	0	0	221,026	0	0	221,026
Aug	2011	65,111	3,563	94,894	36,158	755	0	0	200,480	0	0	200,480
Sep	2011	48,637	2,901	80,577	30,592	927	0	0	163,634	0	0	163,634
Oct	2011	43,752	3,206	76,504	28,886	1,091	0	0	153,438	0	0	153,438
Nov	2011	45,639	4,409	71,464	26,524	1,150	0	0	149,186	0	0	149,186
Dec	2011	56,099	6,322	75,916	26,101	1,834	0	0	166,272	0	0	166,272
		648,449	53,952	959,795	334,697	12,550	0	0	2,009,443	0	0	2,009,443

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