

XCEL (Minnesota Co) Electric Utility - Demand Allocations

**Actual kW
2010**

	<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>
Production														
Minnesota	4,855,345	4,618,707	4,272,750	4,295,367	6,464,148	6,285,031	6,658,483	6,782,962	5,040,249	4,644,459	4,822,487	4,921,372	63,661,360	87.7725%
North Dakota	390,763	374,773	325,779	284,833	295,837	325,812	351,805	444,784	308,824	321,859	379,861	404,897	4,209,828	5.8043%
South Dakota	<u>309,997</u>	<u>297,713</u>	<u>256,609</u>	<u>250,888</u>	<u>382,998</u>	<u>421,745</u>	<u>423,957</u>	<u>450,924</u>	<u>325,913</u>	<u>290,929</u>	<u>303,810</u>	<u>318,741</u>	<u>4,034,224</u>	<u>5.5622%</u>
NSP-MN Total Retail	5,556,105	5,291,194	4,855,139	4,831,088	7,142,983	7,032,587	7,434,244	7,678,670	5,674,986	5,257,247	5,506,159	5,645,010	71,905,412	99.1390%
NSP-MN Total Wholesale	<u>56,395</u>	<u>52,312</u>	<u>44,258</u>	<u>42,341</u>	<u>60,080</u>	<u>60,914</u>	<u>66,785</u>	<u>70,542</u>	<u>59,434</u>	<u>35,155</u>	<u>36,354</u>	<u>39,911</u>	<u>624,481</u>	<u>0.8610%</u>
TOTAL	5,612,501	5,343,505	4,899,396	4,873,429	7,203,063	7,093,502	7,501,029	7,749,212	5,734,420	5,292,402	5,542,512	5,684,921	72,529,893	100.0000%
Transmission														
Minnesota	4,855,345	4,618,707	4,272,750	4,295,367	6,464,148	6,285,031	6,658,483	6,782,962	5,040,249	4,644,459	4,822,487	4,921,372	63,661,360	73.5291%
North Dakota	390,763	374,773	325,779	284,833	295,837	325,812	351,805	444,784	308,824	321,859	379,861	404,897	4,209,828	4.8624%
South Dakota	<u>309,997</u>	<u>297,713</u>	<u>256,609</u>	<u>250,888</u>	<u>382,998</u>	<u>421,745</u>	<u>423,957</u>	<u>450,924</u>	<u>325,913</u>	<u>290,929</u>	<u>303,810</u>	<u>318,741</u>	<u>4,034,224</u>	<u>4.6595%</u>
NSP-MN Total Retail	5,556,105	5,291,194	4,855,139	4,831,088	7,142,983	7,032,587	7,434,244	7,678,670	5,674,986	5,257,247	5,506,159	5,645,010	71,905,412	83.0510%
NSP-MN Total Wholesale	56,395	52,312	44,258	42,341	60,080	60,914	66,785	70,542	59,434	35,155	36,354	39,911	624,481	0.7213%
Wheeling	<u>1,172,289</u>	<u>1,087,216</u>	<u>1,016,114</u>	<u>876,342</u>	<u>1,359,250</u>	<u>1,361,426</u>	<u>1,364,378</u>	<u>1,371,524</u>	<u>1,124,704</u>	<u>1,009,547</u>	<u>1,120,986</u>	<u>1,186,177</u>	<u>14,049,955</u>	<u>16.2277%</u>
TOTAL	6,784,790	6,430,721	5,915,510	5,749,771	8,562,314	8,454,928	8,865,407	9,120,737	6,859,124	6,301,949	6,663,498	6,871,099	86,579,848	100.0000%

Transmission			
	Loss		
Production	Multipliers	HSDS Demand	Production
Minnesota	0.9689	61,681,492	87.9815%
North Dakota	0.9289	3,910,509	5.5779%
South Dakota	0.9725	<u>3,923,283</u>	<u>5.5961%</u>
Retail		69,515,284	99.1555%
Wholesale	0.9481	<u>592,071</u>	<u>0.8445%</u>
Total		70,107,355	100.0000%

2010 Wholesale municipals included the following:
 NWEC, NCP, Ada, Sleepy Eye, Kasson, Kasota, and Madelia
 Transmission Loss Multipliers were updated March 2010.
 Excludes Company Use

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XCEL (Minnesota Co) Electric Utility - Demand Allocations
Actual kW (Weather Normalized)
2010

	<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>
Production														
Minnesota	4,828,500	4,676,229	4,378,701	4,295,367	5,520,987	6,359,233	6,939,245	6,438,006	5,914,387	4,544,319	4,844,181	4,843,832	63,582,987	87.7724%
North Dakota	388,821	378,936	333,444	284,833	227,641	331,179	372,129	419,819	372,070	314,617	381,431	399,283	4,204,204	5.8037%
South Dakota	<u>308,174</u>	<u>301,620</u>	<u>263,805</u>	<u>250,888</u>	<u>318,806</u>	<u>426,800</u>	<u>443,094</u>	<u>427,387</u>	<u>385,580</u>	<u>284,092</u>	<u>305,292</u>	<u>313,440</u>	<u>4,028,977</u>	<u>5.5618%</u>
NSP-MN Total Retail	5,525,496	5,356,786	4,975,949	4,831,088	6,067,434	7,117,211	7,754,468	7,285,211	6,672,038	5,143,027	5,530,904	5,556,556	71,816,168	99.1379%
NSP-MN Total Wholesale	<u>56,395</u>	<u>52,312</u>	<u>44,258</u>	<u>42,341</u>	<u>60,080</u>	<u>60,914</u>	<u>66,785</u>	<u>70,542</u>	<u>59,434</u>	<u>35,155</u>	<u>36,354</u>	<u>39,911</u>	<u>624,481</u>	<u>0.8621%</u>
TOTAL	5,581,891	5,409,097	5,020,207	4,873,429	6,127,515	7,178,125	7,821,252	7,355,754	6,731,472	5,178,183	5,567,258	5,596,467	72,440,649	100.0000%
Transmission														
Minnesota	4,828,500	4,676,229	4,378,701	4,295,367	5,520,987	6,359,233	6,939,245	6,438,006	5,914,387	4,544,319	4,844,181	4,843,832	63,582,987	73.5143%
North Dakota	388,821	378,936	333,444	284,833	227,641	331,179	372,129	419,819	372,070	314,617	381,431	399,283	4,204,204	4.8609%
South Dakota	<u>308,174</u>	<u>301,620</u>	<u>263,805</u>	<u>250,888</u>	<u>318,806</u>	<u>426,800</u>	<u>443,094</u>	<u>427,387</u>	<u>385,580</u>	<u>284,092</u>	<u>305,292</u>	<u>313,440</u>	<u>4,028,977</u>	<u>4.6583%</u>
NSP-MN Total Retail	5,525,496	5,356,786	4,975,949	4,831,088	6,067,434	7,117,211	7,754,468	7,285,211	6,672,038	5,143,027	5,530,904	5,556,556	71,816,168	83.0335%
NSP-MN Total Wholesale	<u>56,395</u>	<u>52,312</u>	<u>44,258</u>	<u>42,341</u>	<u>60,080</u>	<u>60,914</u>	<u>66,785</u>	<u>70,542</u>	<u>59,434</u>	<u>35,155</u>	<u>36,354</u>	<u>39,911</u>	<u>624,481</u>	<u>0.7220%</u>
Wheeling	<u>1,172,289</u>	<u>1,087,216</u>	<u>1,016,114</u>	<u>876,342</u>	<u>1,359,250</u>	<u>1,361,426</u>	<u>1,364,378</u>	<u>1,371,524</u>	<u>1,124,704</u>	<u>1,009,547</u>	<u>1,120,986</u>	<u>1,186,177</u>	<u>14,049,955</u>	<u>16.2445%</u>
TOTAL	6,754,180	6,496,313	6,036,321	5,749,771	7,486,765	8,539,552	9,185,631	8,727,278	7,856,176	6,187,729	6,688,243	6,782,644	86,490,604	100.0000%

Transmission Loss			
Production	Multipliers	HSDS Demand	Production
Minnesota	0.9689	61,605,556	87.9814%
North Dakota	0.9289	3,905,286	5.5773%
South Dakota	0.9725	<u>3,918,180</u>	<u>5.5957%</u>
Retail		69,429,022	99.1544%
Wholesale	0.9481	<u>592,071</u>	<u>0.8456%</u>
Total		70,021,093	100.0000%

2010 Wholesale municipals included the following:
 NWECC, NCP, Ada, Sleepy Eye, Kasson, Kasota, and Madelia
 Transmission Loss Multipliers were updated March 2010.
 Excludes Company Use

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Northern States Power Company, a Minnesota Corporation
 Calculation of the E-10 - Energy Allocator
 2010 Actual

Sales	Month	Year	MN State			ND State	SD State	NSPM		
			Retail	Wholesale	Total	Total	Total	Retail	Wholesale	Total
January	2010	2,699,457	30,177	2,729,634	222,254	173,238	3,094,949	30,177	3,125,126	
February	2010	2,342,542	25,674	2,368,216	189,946	149,087	2,681,575	25,674	2,707,249	
March	2010	2,516,480	24,974	2,541,454	190,655	160,247	2,867,382	24,974	2,892,356	
April	2010	2,264,186	19,591	2,283,777	151,863	138,010	2,554,058	19,591	2,573,649	
May	2010	2,501,462	22,902	2,524,364	160,154	147,545	2,809,161	22,902	2,832,063	
June	2010	2,728,270	24,091	2,752,361	167,487	176,718	3,072,474	24,091	3,096,565	
July	2010	3,204,994	29,719	3,234,712	195,892	212,115	3,613,001	29,719	3,642,720	
August	2010	3,298,696	29,654	3,328,349	194,367	210,330	3,703,392	29,654	3,733,046	
September	2010	2,482,208	18,924	2,501,131	162,030	158,313	2,802,550	18,924	2,821,474	
October	2010	2,472,585	20,556	2,493,141	167,662	150,606	2,790,853	20,556	2,811,409	
November	2010	2,468,578	25,922	2,494,501	186,288	158,851	2,813,717	25,922	2,839,640	
December	2010	2,682,844	25,798	2,708,642	217,282	165,230	3,065,356	25,798	3,091,155	
Total Sales		31,662,300	297,982	31,960,282	2,205,880	2,000,289	35,868,469	297,982	36,166,451	
Percent Losses (*)		5.96%	3.85%	5.91%	9.45%	6.38%	6.21%	3.85%	6.16%	
Losses		2,006,804	11,932	2,018,736	230,133	136,347	2,373,284	11,932	2,385,216	
Energy (Total Sales Plus Losses)		33,669,105	309,914	33,979,018	2,436,013	2,136,636	38,241,754	309,914	38,551,667	

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	33,669,105	0.9691	32,628,729	87.5209%
ND	2,436,013	0.9309	2,267,685	6.0827%
SD	2,136,636	0.9766	2,086,639	5.5971%
WHSL	309,914	0.9615 (1)	297,982	0.7993%
	38,551,667		37,281,034	100.0000%

Notes:

* Percent Losses are a 5 year average of losses based on 2006 through 2010

(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)

Northern States Power Company, a Minnesota Corporation
 Calculation of the E-10 - Energy Allocator
 2010 WN Actual

Sales	Month	Year	MN State			ND State	SD State	NSPM		
			Retail	Wholesale	Total	Total	Total	Retail	Wholesale	Total
	January	2010	2,677,982	30,177	2,708,159	221,564	170,044	3,069,590	30,177	3,099,767
	February	2010	2,337,801	25,674	2,363,475	187,328	146,799	2,671,929	25,674	2,697,603
	March	2010	2,547,765	24,974	2,572,739	197,418	161,549	2,906,733	24,974	2,931,707
	April	2010	2,284,625	19,591	2,304,216	157,657	139,541	2,581,823	19,591	2,601,414
	May	2010	2,400,291	22,902	2,423,193	159,706	143,461	2,703,459	22,902	2,726,361
	June	2010	2,776,350	24,091	2,800,441	170,291	181,966	3,128,606	24,091	3,152,697
	July	2010	3,056,566	29,719	3,086,285	191,935	206,719	3,455,219	29,719	3,484,938
	August	2010	2,996,270	29,654	3,025,924	183,905	188,721	3,368,896	29,654	3,398,550
	September	2010	2,564,089	18,924	2,583,013	168,392	172,712	2,905,193	18,924	2,924,117
	October	2010	2,498,920	20,556	2,519,475	170,664	151,802	2,821,386	20,556	2,841,942
	November	2010	2,475,444	25,922	2,501,367	186,928	159,548	2,821,921	25,922	2,847,843
	December	2010	2,659,803	25,798	2,685,602	212,606	163,120	3,035,529	25,798	3,061,328
Total Sales			31,275,906	297,982	31,573,888	2,208,395	1,985,982	35,470,283	297,982	35,768,265
Percent Losses (*)			5.98%	3.85%	5.68%	9.44%	6.39%	6.20%	3.85%	6.16%
Losses			1,988,751	11,932	2,000,683	230,242	135,523	2,354,516	11,932	2,366,448
Energy (Total Sales Plus Losses)			33,264,657	309,914	33,574,571	2,438,637	2,121,505	37,824,799	309,914	38,134,713

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	33,264,657	0.9691	32,236,779	87.4177%
ND	2,438,637	0.9309	2,270,127	6.1560%
SD	2,121,505	0.9766	2,071,862	5.6183%
WHSL	309,914	0.9615 (1)	297,982	0.8080%
	38,134,713		36,876,750	100.0000%

Notes:

* Percent Losses are a 5 year average of losses based on 2006 through 2010

(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)

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