

MINNESOTA ELECTRIC UTILITY INFORMATION REPORTING - FORECAST SECTION

CY 2024

INSTRUCTIONS

These worksheet tabs correspond closely to the tables in the forecast instructions received by the utility. The forecast instructions pertain to the data to be entered in each of the worksheet tabs.

PLEASE DO NOT CHANGE THE NAME OR ORDER OF ANY OF THE WORKSHEET TABS OR CHANGE THE NAME OF THIS WORKBOOK.

In general, the following color scheme is used on each worksheet:

-  Cells shown with a dark blue background correspond to applicable Minnesota Rules section number/names on each worksheet tab.
-  Cells shown with a light green background correspond to headings for sections, columns, row, or individual fields on each worksheet tab.
-  **Cells shown with a light yellow background require data to be entered by the utility.**
-  Cells shown with a light brown background generally correspond to fields that are calculated from the data entered, or correspond to fields that are informational and not to be modified by the utility.

Each worksheet tab contains a section labeled "Comments" below the main data entry area.

You may enter any comments in that section to provide an explanation or clarification on the data entered; OR why data IS NOT being entered on the worksheet tab (for example: cells left blank).

Cells with automatic calculations (typically totals) are provided on some worksheets to assist with the accuracy of the data provided by the utility. It is recognized that there may be circumstances in which the data entered by the utility is more appropriate or accurate than the value in the corresponding automatically-calculated cell. If the value in the automatically-calculated cell does not match the value that your utility entered, please provide an explanation in the Comments area at the bottom of the worksheet tab.

Please complete the required worksheet tabs and save the completed workbook to your local computer.

Then attach the completed workbook to an email message, include your contact information, and send it to the following email address:

rule7610.reports@state.mn.us

If you have any questions please contact:

Anne Sell

MN Department of Commerce, Division of Energy Resources

Email: rule7610.reports@state.mn.us (preferred)

Direct: 651-539-1851 (leave a message)

COMM Website: <https://mn.gov/commerce/industries/energy/utilities/annual-reporting/>

MINNESOTA ELECTRIC UTILITY ANNUAL REPORT - FORECAST SECTION

CY 2024

7610.0120 REGISTRATION

ENTITY ID#	85
REPORT YEAR	2024

RILS ID#	U12000
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UTILITY DETAILS	
UTILITY NAME	Xcel Energy
STREET ADDRESS	414 Nicollet Mall
CITY	Minneapolis
STATE	MN
ZIP CODE	55401
TELEPHONE	612-330-1925
	Scroll down to see allowable UTILITY TYPES
* UTILITY TYPE	PUBLIC

CONTACT INFORMATION	
CONTACT NAME	Christine Schwartz
CONTACT TITLE	Regulatory Administrator
CONTACT STREET ADDRESS	414 Nicollet Mall
CITY	Minneapolis
STATE	MN
ZIP CODE	55401
TELEPHONE	612-330-6193
CONTACT E-MAIL	regulatory.records@xcelenergy.com

COMMENTS

PREPARER INFORMATION	(do not type "Same as Above")
PERSON PREPARING FORMS	Christine Schwartz
PREPARER'S TITLE	Regulatory Administrator
DATE	7/1/2025
PREPARER'S EMAIL ADDRESS	regulatory.records@xcelenergy.com

ALLOWABLE UTILITY TYPES

- Code**
 Private
 Public
 Co-op

MINNESOTA ELECTRIC UTILITY INFORMATION REPORTING - FORECAST SECTION (Continued)

CY 2024

7610.0310 Item A. SYSTEM FORECAST OF ANNUAL ELECTRIC CONSUMPTION BY ULTIMATE CONSUMERS

Provide actual data for your entire system for the past year, your estimate for the present year and all future forecast years.
Please remember that the number of customers *should reflect the number of customers at year's end, not the number of meters.*

		FARM	NON-FARM RESIDENTIAL	COMMERCIAL	MINING *	INDUSTRIAL	STREET & HIGHWAY LIGHTING	OTHER	SYSTEM TOTALS	Calculated System Totals	
Past Year	2024	No. of Customers	NA	1,633,401	205,004	NA	649	7829.666667	1,946	1,848,830	1,848,830
		MWH	NA	12,112,644	16,713,237	NA	9,753,403	120,905	94,870	38,795,058	38,795,058
Present Year	2025	No. of Customers	NA	1,658,456	207,634	NA	649	8025.567288	1,941	1,876,705	1,876,705
		MWH	NA	12,638,129	16,877,092	NA	9,804,728	122300.5667	94,031	39,536,280	39,536,280
1st Forecast Year	2026	No. of Customers	NA	1,669,794	207,771	NA	649	8175.072892	1,944	1,888,333	1,888,333
		MWH	NA	12,813,476	16,727,270	NA	10,433,251	122698.0866	94,124	40,190,819	40,190,819
2nd Forecast Year	2027	No. of Customers	NA	1,685,597	208,832	NA	650	8318.136417	1,947	1,905,343	1,905,343
		MWH	NA	13,031,977	16,657,372	NA	11,681,608	123609.7258	94,240	41,588,806	41,588,806
3rd Forecast Year	2028	No. of Customers	NA	1,699,991	209,737	NA	650	8446.837942	1,950	1,920,776	1,920,776
		MWH	NA	13,345,736	16,668,886	NA	14,329,979	124553.1525	94,156	44,563,310	44,563,310
4th Forecast Year	2029	No. of Customers	NA	1,713,165	210,613	NA	651	8561.109709	1,953	1,934,943	1,934,943
		MWH	NA	13,577,926	16,549,161	NA	17,504,748	124531.202	94,031	47,850,397	47,850,397
5th Forecast Year	2030	No. of Customers	NA	1,725,357	211,469	NA	651	8664.939135	1,956	1,948,098	1,948,098
		MWH	NA	13,934,812	16,522,776	NA	20,394,531	125145.606	94,124	51,071,388	51,071,388
6th Forecast Year	2031	No. of Customers	NA	1,736,842	212,329	NA	652	8760.641888	1,960	1,960,543	1,960,543
		MWH	NA	14,381,167	16,520,142	NA	22,011,196	125912.9523	94,240	53,132,658	53,132,658
7th Forecast Year	2032	No. of Customers	NA	1,747,895	213,177	NA	652	8849.448636	1,963	1,972,537	1,972,537
		MWH	NA	15,021,723	16,622,473	NA	23,303,880	126845.9517	94,156	55,169,077	55,169,077
8th Forecast Year	2033	No. of Customers	NA	1,758,671	214,009	NA	652	8931.851293	1,966	1,984,230	1,984,230
		MWH	NA	15,494,850	16,560,577	NA	23,261,908	126755.3731	94,031	55,538,122	55,538,122
9th Forecast Year	2034	No. of Customers	NA	1,769,226	214,793	NA	652	9008.823873	1,970	1,995,650	1,995,650
		MWH	NA	15,992,484	16,557,845	NA	23,301,874	127221.4449	94,124	56,073,549	56,073,549
10th Forecast Year	2035	No. of Customers	NA	1,779,529	215,484	NA	653	9080.853289	1,973	2,006,720	2,006,720
		MWH	NA	16,564,247	16,608,606	NA	23,352,148	127839.1047	94,240	56,747,080	56,747,080
11th Forecast Year	2036	No. of Customers	NA	1,789,376	216,109	NA	653	9148.137525	1,977	2,017,262	2,017,262
		MWH	NA	17,254,983	16,795,681	NA	23,526,503	128625.6978	94,156	57,799,948	57,799,948
12th Forecast Year	2037	No. of Customers	NA	1,798,581	216,720	NA	653	9211.343653	1,980	2,027,146	2,027,146
		MWH	NA	17,804,124	16,828,565	NA	23,562,467	128382.6496	94,031	58,417,570	58,417,570
13th Forecast Year	2038	No. of Customers	NA	1,807,224	217,290	NA	653	9270.831839	1,984	2,036,421	2,036,421
		MWH	NA	18,425,959	16,917,675	NA	23,670,096	128704.4376	94,124	59,236,559	59,236,559
14th Forecast Year	2039	No. of Customers	NA	1,815,433	217,832	NA	653	9326.847136	1,987	2,045,233	2,045,233
		MWH	NA	19,073,419	17,027,725	NA	23,794,777	129185.3359	94,240	60,119,347	60,119,347

* MINING needs to be reported as a separate category only if annual sales are greater than 1,000 GWH. Otherwise, include MINING in the INDUSTRIAL category.

COMMENTS

THIS ANNUAL REPORT MUST BE SUBMITTED TO COMMERCE AS AN EXCEL WORKBOOK.
DO NOT SUBMIT THIS ANNUAL REPORT AS A PDF OR IN ANY OTHER FORMAT.

MINNESOTA ELECTRIC UTILITY INFORMATION REPORTING - FORECAST SECTION (Continued)
CY 2024

7610.0310 Item A. MINNESOTA-ONLY FORECAST OF ANNUAL ELECTRIC CONSUMPTION BY ULTIMATE CONSUMERS

Provide actual data for your Minnesota service area only, for the past year, your best estimate for the present year and all future forecast years.
 Please remember that the number of customers should reflect the **actual number of customers** the utility has in that category at year's end, **not the number of meters**.

		FARM	NON-FARM RESIDENTIAL	COMMERCIAL	MINING *	INDUSTRIAL	STREET & HIGHWAY LIGHTING	OTHER	MN-ONLY TOTALS	Calculated MN-Only Totals	
Past Year	2024	No. of Customers	NA	1,230,057	137,191	NA	480	6085.666667	1,450	1,375,263	1,375,263
		MWH	NA	8,676,639	12,052,977	NA	6,838,715	84,915	68,945	27,722,191	27,722,191
Present Year	2025	No. of Customers	NA	1,244,506	138,085	NA	480	6229.268522	1,440	1,390,741	1,390,741
		MWH	NA	9,080,584	12,140,449	NA	6,923,210	86081.4377	67,508	28,297,832	28,297,832
1st Forecast Year	2026	No. of Customers	NA	1,258,344	138,723	NA	480	6342.302467	1,434	1,405,324	1,405,324
		MWH	NA	9,246,200	11,985,317	NA	7,499,552	86435.29406	67,590	28,885,094	28,885,094
2nd Forecast Year	2027	No. of Customers	NA	1,270,998	139,317	NA	480	6454.301277	1,429	1,418,678	1,418,678
		MWH	NA	9,437,584	11,917,558	NA	8,672,622	87245.18848	67,672	30,182,680	30,182,680
3rd Forecast Year	2028	No. of Customers	NA	1,282,631	139,806	NA	480	6556.060783	1,423	1,430,896	1,430,896
		MWH	NA	9,703,474	11,910,075	NA	11,278,945	88061.72201	67,598	33,048,154	33,048,154
4th Forecast Year	2029	No. of Customers	NA	1,293,270	140,295	NA	480	6646.137175	1,417	1,442,108	1,442,108
		MWH	NA	9,925,482	11,809,777	NA	14,394,546	88312.07296	67,508	36,285,625	36,285,625
5th Forecast Year	2030	No. of Customers	NA	1,303,063	140,785	NA	480	6726.804379	1,412	1,452,467	1,452,467
		MWH	NA	10,248,151	11,786,670	NA	16,525,673	88882.81352	67,590	38,716,967	38,716,967
6th Forecast Year	2031	No. of Customers	NA	1,312,260	141,298	NA	480	6799.892268	1,406	1,462,245	1,462,245
		MWH	NA	10,652,006	11,788,355	NA	17,572,088	89548.41498	67,672	40,169,669	40,169,669
7th Forecast Year	2032	No. of Customers	NA	1,321,127	141,814	NA	480	6866.700146	1,400	1,471,688	1,471,688
		MWH	NA	11,210,317	11,866,033	NA	18,839,156	90354.52127	67,598	42,073,458	42,073,458
8th Forecast Year	2033	No. of Customers	NA	1,329,832	142,338	NA	480	6928.312126	1,395	1,480,973	1,480,973
		MWH	NA	11,631,101	11,815,796	NA	18,787,391	90536.24409	67,508	42,392,333	42,392,333
9th Forecast Year	2034	No. of Customers	NA	1,338,457	142,834	NA	480	6985.567722	1,389	1,490,146	1,490,146
		MWH	NA	12,059,842	11,811,485	NA	18,805,027	90958.65236	67,590	42,834,904	42,834,904
10th Forecast Year	2035	No. of Customers	NA	1,346,948	143,259	NA	480	7039.008139	1,383	1,499,110	1,499,110
		MWH	NA	12,560,016	11,860,066	NA	18,829,444	91474.56743	67,672	43,408,673	43,408,673
11th Forecast Year	2036	No. of Customers	NA	1,355,124	143,653	NA	480	7089.301419	1,378	1,507,723	1,507,723
		MWH	NA	13,156,833	12,021,840	NA	18,963,178	92134.26734	67,598	44,301,583	44,301,583
12th Forecast Year	2037	No. of Customers	NA	1,362,836	144,056	NA	480	7136.813094	1,372	1,515,881	1,515,881
		MWH	NA	13,649,171	12,066,722	NA	18,972,050	92163.52053	67,508	44,847,614	44,847,614
13th Forecast Year	2038	No. of Customers	NA	1,370,114	144,435	NA	480	7181.640866	1,366	1,523,577	1,523,577
		MWH	NA	14,186,696	12,147,994	NA	19,038,285	92441.64512	67,590	45,533,008	45,533,008
14th Forecast Year	2039	No. of Customers	NA	1,377,056	144,807	NA	480	7223.86315	1,361	1,530,928	1,530,928
		MWH	NA	14,739,175	12,246,223	NA	19,113,823	92820.79858	67,672	46,259,714	46,259,714

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COMMENTS

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MINNESOTA ELECTRIC UTILITY INFORMATION REPORTING - FORECAST SECTION (Continued)
CY 2024

PUBLIC DOCUMENT -
NOT PUBLIC DATA HAS BEEN EXCISED

7610.0310 Item B. FORECAST OF ANNUAL SYSTEM CONSUMPTION AND GENERATION DATA (Express in MWH)

NOTE: (Column 1 + Column 2) = (Column 3 + Column 5) - (Column 4 + Column 6)

It is recognized that there may be circumstances in which the data entered by the utility is more appropriate or accurate than the value in the corresponding automatically-calculated cell. If the value in the automatically-calculated cell does not match the value that your utility entered, please provide an explanation in the Comments area at the bottom of the worksheet tab.

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	CALCULATED
	CONSUMPTION BY ULTIMATE CONSUMERS IN MINNESOTA MWH [7610.0310 B(1)]	CONSUMPTION BY ULTIMATE CONSUMERS OUTSIDE OF MINNESOTA MWH [7610.0310 B(2)]	RECEIVED FROM OTHER UTILITIES MWH [7610.0310 B(3)]	DELIVERED FOR RESALE MWH [7610.0310 B(4)]	TOTAL ANNUAL NET GENERATION MWH [7610.0310 B(5)]	TRANSMISSION LINE SUBSTATION AND DISTRIBUTION LOSSES MWH [7610.0310 B(6)]	TOTAL WINTER CONSUMPTION MWH [7610.0310 B(7)]	TOTAL SUMMER CONSUMPTION MWH [7610.0310 B(7)]	(GENERATION + RECEIVED) MINUS (RESALE + LOSSES) MINUS (CONSUMPTION) SHOULD EQUAL ZERO
				[PROTECTED DATA BEGINS]					
Past Year 2024	27,722,191	11,072,868	18,050,357			3,561,730	18,657,494	20,137,564	0
Present Year 2025	28,297,832	11,238,448	15,526,469			3,647,905	19,069,646	20,466,635	0
1st Forecast Year 2026	28,885,094	11,305,725	15,572,377			3,686,480	19,399,713	20,791,106	0
2nd Forecast Year 2027	30,182,680	11,406,126	18,048,806			3,760,695	20,087,415	21,501,392	0
3rd Forecast Year 2028	33,048,154	11,515,157	23,174,925			3,904,026	21,556,467	23,006,844	0
4th Forecast Year 2029	36,285,625	11,564,772	27,004,025			4,052,102	23,190,359	24,660,038	0
5th Forecast Year 2030	38,716,967	12,354,421	29,100,337			4,212,390	24,749,025	26,322,363	0
6th Forecast Year 2031	40,169,669	12,962,989	32,332,545			4,328,639	25,837,141	27,295,517	0
7th Forecast Year 2032	42,073,458	13,095,620	34,123,053			4,461,435	26,902,539	28,266,539	0
8th Forecast Year 2033	42,392,333	13,145,789	34,981,484			4,499,595	27,123,058	28,415,064	0
9th Forecast Year 2034	42,834,904	13,238,645	35,919,305			4,551,011	27,435,499	28,638,050	0
10th Forecast Year 2035	43,408,673	13,338,408	37,482,828			4,616,706	27,822,013	28,925,067	0
11th Forecast Year 2036	44,301,583	13,498,364	39,175,074			4,717,791	28,429,747	29,370,200	0
12th Forecast Year 2037	44,847,614	13,569,956	40,576,602			4,780,832	28,772,222	29,645,348	0
13th Forecast Year 2038	45,533,008	13,703,551	42,618,738			4,860,546	29,245,847	29,990,711	0
14th Forecast Year 2039	46,259,714	13,859,633	44,535,928			4,945,887	29,757,032	30,362,315	0

PROTECTED DATA ENDS]

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MINNESOTA ELECTRIC UTILITY INFORMATION REPORTING - FORECAST SECTION (Continued)

CY 2024

7610.0310 Item C. PEAK DEMAND BY ULTIMATE CONSUMERS AT THE TIME OF ANNUAL SYSTEM PEAK (in MW)

	FARM	NON-FARM RESIDENTIAL	COMMERCIAL	MINING	INDUSTRIAL	STREET & HIGHWAY LIGHTING	OTHER	SYSTEM TOTALS	Calculated System Totals
Last Year Peak Day 2024	-	3,620	3,799	-	1,390	-	14	8,822	8822.2

7610.0310 Item D. PEAK DEMAND BY MONTH FOR THE LAST CALENDAR YEAR (in MW)

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
Last Year 2024	6270.0	5583.7	5564.8	5247.3	5779.0	7306.0	8316.0	8822.2	7614.0	5798.2	5490.5	6263.8

COMMENTS

MINNESOTA ELECTRIC UTILITY INFORMATION REPORTING - FORECAST SECTION (Continued)
CY 2024

PUBLIC DOCUMENT -
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7610.0310 Item E. PART 1: FIRM PURCHASES (Express in MegaWatts)

NAME OF OTHER UTILITY =>		[PROTECTED DATA BEGINS]																					
Past Year	2024	Summer 2024																					
		Fall 2024																					
		Winter 2024-2025																					
		Spring 2025																					
Present Year	2025	Summer 2025																					
		Fall 2025																					
		Winter 2025-2026																					
		Spring 2026																					
1st Forecast Year	2026	Summer 2026																					
		Fall 2026																					
		Winter 2026-2027																					
		Spring 2027																					
2nd Forecast Year	2027	Summer 2027																					
		Fall 2027																					
		Winter 2027-2028																					
		Spring 2028																					
3rd Forecast Year	2028	Summer 2028																					
		Fall 2028																					
		Winter 2028-2029																					
		Spring 2029																					
4th Forecast Year	2029	Summer 2029																					
		Fall 2029																					
		Winter 2029-2030																					
		Spring 2030																					
5th Forecast Year	2030	Summer 2030																					
		Fall 2030																					
		Winter 2030-2031																					
		Spring 2031																					
6th Forecast Year	2031	Summer 2031																					
		Fall 2031																					
		Winter 2031-2032																					
		Spring 2032																					
7th Forecast Year	2032	Summer 2032																					
		Fall 2032																					
		Winter 2032-2033																					
		Spring 2033																					
8th Forecast Year	2033	Summer 2033																					
		Fall 2033																					
		Winter 2033-2034																					
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9th Forecast Year	2034	Summer 2034																					
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10th Forecast Year	2035	Summer 2035																					
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11th Forecast Year	2036	Summer 2036																					
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12th Forecast Year	2037	Summer 2037																					
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13th Forecast Year	2038	Summer 2038																					
		Fall 2038																					
		Winter 2038-2039																					
		Spring 2039																					
14th Forecast Year	2039	Summer 2039																					
		Fall 2039																					
		Winter 2039-2040																					
		Spring 2040																					

PROTECTED DATA ENDS]

[PROTECTED DATA BEGINS

COMMENTS
[REDACTED]

PROTECTED DATA ENDS]

MINNESOTA ELECTRIC UTILITY INFORMATION REPORTING - FORECAST SECTION (Continued)
CY 2024

PUBLIC DOCUMENT -
 NOT PUBLIC DATA HAS BEEN EXCISED

7610.0310 Item E. PART 2: FIRM SALES (Express in MegaWatts)

NAME OF OTHER UTILITY =>		[PROTECTED DATA BEGINS]										
Past Year	2024	Summer 2024										
		Fall 2024										
		Winter 2024-2025										
		Spring 2025										
Present Year	2025	Summer 2025										
		Fall 2025										
		Winter 2025-2026										
		Spring 2026										
1st Forecast Year	2026	Summer 2026										
		Fall 2026										
		Winter 2026-2027										
		Spring 2027										
2nd Forecast Year	2027	Summer 2027										
		Fall 2027										
		Winter 2027-2028										
		Spring 2028										
3rd Forecast Year	2028	Summer 2028										
		Fall 2028										
		Winter 2028-2029										
		Spring 2029										
4th Forecast Year	2029	Summer 2029										
		Fall 2029										
		Winter 2029-2030										
		Spring 2030										
5th Forecast Year	2030	Summer 2030										
		Fall 2030										
		Winter 2030-2031										
		Spring 2031										
6th Forecast Year	2031	Summer 2031										
		Fall 2031										
		Winter 2031-2032										
		Spring 2032										
7th Forecast Year	2032	Summer 2032										
		Fall 2032										
		Winter 2032-2033										
		Spring 2033										
8th Forecast Year	2033	Summer 2033										
		Fall 2033										
		Winter 2033-2034										
		Spring 2034										
9th Forecast Year	2034	Summer 2034										
		Fall 2034										
		Winter 2034-2035										
		Spring 2035										
10th Forecast Year	2035	Summer 2035										
		Fall 2035										
		Winter 2035-2036										
		Spring 2036										
11th Forecast Year	2036	Summer 2036										
		Fall 2036										
		Winter 2036-2037										
		Spring 2037										
12th Forecast Year	2037	Summer 2037										
		Fall 2037										
		Winter 2037-2038										
		Spring 2038										
13th Forecast Year	2038	Summer 2038										
		Fall 2038										
		Winter 2038-2039										
		Spring 2039										
14th Forecast Year	2039	Summer 2039										
		Fall 2039										
		Winter 2039-2040										
		Spring 2040										

PROTECTED DATA ENDS]

[PROTECTED DATA BEGINS

COMMENTS

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PROTECTED DATA ENDS]

MINNESOTA ELECTRIC UTILITY INFORMATION REPORTING - FORECAST SECTION (Continued)
 CY 2024

PUBLIC DOCUMENT -
 NOT PUBLIC DATA HAS BEEN EXCISED

7610.0310 Item G. LOAD AND GENERATION CAPACITY (Express in MegaWatts)

		Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13	Column 14	Column 15
		Generation Zonal Resource Credits (ZRCs)	Demand Response ZRCs	ZRC Purchases	ZRC Sales	Total ZRCs [1 + 2 + 3 - 4]	Forecasted Non-Coincident Peak Demand for NSP System	Energy Efficiency Adjustment to Base Demand Forecast	Adjusted Forecasted Non-Coincident Summer Peak Demand for NSP System [6 - 7]	Coincidence Factor with MISO Peak Demand	Forecasted Demand Coincident with MISO Peak [8 x 9]	Firm Purchases	Firm Sales	Total Load Serving Obligation [10 - 11 + 12]	Capacity Obligation (Column 13 plus the planning reserve margin)	Total System Surplus/Deficit [8 - 14]
		[PROTECTED DATA BEGINS]														
Past Year	2024	Summer 2024														
		Fall 2024														
		Winter 2024-2025														
Present Year	2025	Spring 2025														
		Summer 2025														
		Fall 2025														
1st Forecast Year	2026	Winter 2025-2026														
		Spring 2026														
		Summer 2026														
2nd Forecast Year	2027	Fall 2026														
		Winter 2026-2027														
		Spring 2027														
3rd Forecast Year	2028	Summer 2027														
		Fall 2027														
		Winter 2027-2028														
4th Forecast Year	2029	Spring 2028														
		Summer 2028														
		Fall 2028														
5th Forecast Year	2030	Winter 2028-2029														
		Spring 2029														
		Summer 2029														
6th Forecast Year	2031	Fall 2029														
		Winter 2029-2030														
		Spring 2030														
7th Forecast Year	2032	Summer 2030														
		Fall 2030														
		Winter 2030-2031														
8th Forecast Year	2033	Spring 2031														
		Summer 2031														
		Fall 2031														
9th Forecast Year	2034	Winter 2031-2032														
		Spring 2032														
		Summer 2032														
10th Forecast Year	2035	Fall 2032														
		Winter 2032-2033														
		Spring 2033														
11th Forecast Year	2036	Summer 2033														
		Fall 2033														
		Winter 2033-2034														
12th Forecast Year	2037	Spring 2034														
		Summer 2034														
		Fall 2034														
13th Forecast Year	2038	Winter 2034-2035														
		Spring 2035														
		Summer 2035														
14th Forecast Year	2039	Fall 2035														
		Winter 2035-2036														
		Spring 2036														

[PROTECTED DATA ENDS]

[PROTECTED DATA BEGINS]

COMMENTS

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[PROTECTED DATA ENDS]

MINNESOTA ELECTRIC UTILITY INFORMATION REPORTING - FORECAST SECTION (Continued)

CY 2024

7610.0316 Item H. ADDITIONS AND RETIREMENTS (Express in MegaWatts)

	ADDITIONS	RETIREMENTS
Past Year	2024 Summer = 27, Fall = 56, Winter = 93, Spring = 53	Summer = 46, Fall = 40, Winter = 47, Spring = 37
Present Year	2025 Summer = 224, Fall = 163, Winter = -352, Spring = 184	Summer = 1168, Fall = 1168, Winter = 534, Spring = 445
1st Forecast Year	2026 Summer = 601, Fall = 598, Winter = 278, Spring = 606	Summer = 563, Fall = 623, Winter = 656, Spring = 670
2nd Forecast Year	2027 Summer = 843, Fall = 1061, Winter = 919, Spring = 1071	Summer = 237, Fall = 252, Winter = 260, Spring = 293
3rd Forecast Year	2028 Summer = 1495, Fall = 1599, Winter = 1706, Spring = 1537	Summer = 902, Fall = 748, Winter = 229, Spring = 898
4th Forecast Year	2029 Summer = 110, Fall = 148, Winter = 230, Spring = 190	Summer = 1, Fall = 1, Winter = 1, Spring = 1
5th Forecast Year	2030 Summer = 865, Fall = 775, Winter = 650, Spring = 692	Summer = 1100, Fall = 712, Winter = 546, Spring = 509
6th Forecast Year	2031 Summer = 100, Fall = 144, Winter = 232, Spring = 155	Summer = 4, Fall = 4, Winter = 4, Spring = 4
7th Forecast Year	2032 Summer = 1109, Fall = 1171, Winter = 1167, Spring = 1209	Summer = 324, Fall = 294, Winter = 292, Spring = 254
8th Forecast Year	2033 Summer = 129, Fall = 134, Winter = 195, Spring = 148	Summer = 2, Fall = 4, Winter = 4, Spring = 4
9th Forecast Year	2034 Summer = 43, Fall = 58, Winter = 93, Spring = 63	Summer = 26, Fall = 25, Winter = 28, Spring = 24
10th Forecast Year	2035 Summer = 6, Fall = 2, Winter = 1, Spring = 3	Summer = 9, Fall = 10, Winter = 9, Spring = 10
11th Forecast Year	2036 Summer = 0, Fall = 0, Winter = 0, Spring = 0	Summer = 26, Fall = 49, Winter = 50, Spring = 53
12th Forecast Year	2037 Summer = 0, Fall = 0, Winter = 0, Spring = 0	Summer = 30, Fall = 28, Winter = 26, Spring = 25
13th Forecast Year	2038 Summer = 0, Fall = 0, Winter = 0, Spring = 0	Summer = 0, Fall = 0, Winter = 0, Spring = 0
14th Forecast Year	2039 Summer = 0, Fall = 0, Winter = 0, Spring = 0	Summer = 570, Fall = 546, Winter = 496, Spring = 466

COMMENTS

Additions and Retirements are expressed in anticipated Seasonal Accredited Capacity (SAC) values.

Note: Addition year reflects when capacity accreditation is first realized

Year of Addition	Summer MW	Fall MW	Winter MW	Spring MW
2024	19	33	91	19
2024	8	23	2	14
2025	196	0	0	0
2025	343	0	-350	0
2025	131	131	13	131
2025	4	2	0	3
2026	50	50	5	50
2026	50	50	5	50
2026	115	115	12	115
2026	125	125	13	125
2026	50	50	5	50
2026	23	24	21	25
2026	200	195	188	199
2026	38	39	34	41
2027	50	50	5	50
2027	261	297	276	300
2027	70	79	74	80
2027	9	10	9	10
2027	522	594	552	600
2027	31	31	31	31
2028	299	287	348	277
2028	288	285	298	268
2028	417	399	338	342
2028	27	25	22	22
2028	15	6	3	8
2028	8	3	2	4
2028	19	8	4	9
2028	21	32	53	35
2028	162	252	414	270
2028	137	149	140	145
2028	87	94	88	84
2028	56	59	56	59
2028	8	3	2	4
2029	12	5	3	6
2029	60	140	200	150
2030	711	681	576	583
2030	70	28	14	35
2030	8	3	2	4
2030	21	8	4	11
2030	66	69	66	69
2031	8	3	2	4
2031	2	1	0	1
2031	80	140	230	150
2032	365	340	288	292
2032	6	2	1	3
2032	2	1	1	2
2032	710	772	725	772
2032	36	56	62	60
2033	50	20	10	25
2033	6	2	1	3
2033	1	0	0	0
2033	72	112	184	120
2034	6	2	1	3
2034	1	0	0	0
2034	36	56	62	60
2035	6	2	1	3

Note: Retirement year reflects when capacity accreditation is first lost

Year of Retirement	Summer MW	Fall MW	Winter MW	Spring MW
2024	24	17	24	22
2024	20	20	18	12
2025	2	3	5	3
2025	128	127	162	121
2025	367	366	319	320
2025	122	122	123	123
2025	343	342	350	350
2025	203	206	264	224
2025	6	5	16	7
2025	622	671	602	622
2026	40	51	48	46
2026	1	1	5	2
2027	232	244	253	256
2027	5	8	7	7
2028	309	107	517	241
2028	279	315	385	325
2028	299	297	291	268
2028	6	15	17	12
2028	9	14	22	22
2029	1	1	1	1
2030	196	0	0	0
2030	196	0	-200	0
2030	396	361	418	180
2030	85	78	125	85
2030	213	231	272	221
2030	13	22	31	23
2031	4	4	4	4
2031	265	213	155	187
2032	15	25	31	20
2032	18	27	15	15
2032	32	38	39	32
2033	2	4	4	4
2034	9	6	4	5
2034	17	19	24	19
2034	9	10	9	10
2036	10	4	2	5
2036	19	31	65	33
2037	9	14	23	15
2037	18	17	15	13
2037	12	11	10	12
2039	288	285	238	268
2039	289	238	230	177
2039	13	23	28	21

MINNESOTA ELECTRIC UTILITY INFORMATION REPORTING - FORECAST SECTION (Continued)

CY 2024

7610.0430 FUEL REQUIREMENTS AND GENERATION BY FUEL TYPE

Please use the appropriate code for the fuel type as shown in the list at the bottom of this worksheet tab.

		FUEL TYPE 1		FUEL TYPE 2		FUEL TYPE 3		FUEL TYPE 4		FUEL TYPE 5		FUEL TYPE 6	
		Name of Fuel	Coal	Name of Fuel	NUC	Name of Fuel	REF	Name of Fuel	NG	Name of Fuel	Oil	Name of Fuel	HYD
		Unit of Measure	mmBtu	Unit of Measure	mmBtu	Unit of Measure	mmBtu	Unit of Measure	mmBtu	Unit of Measure	mmBtu	Unit of Measure	mmBtu
		QUANTITY OF FUEL USED	NET MWH GENERATED	QUANTITY OF FUEL USED	NET MWH GENERATED	QUANTITY OF FUEL USED	NET MWH GENERATED	QUANTITY OF FUEL USED	NET MWH GENERATED	QUANTITY OF FUEL USED	NET MWH GENERATED	QUANTITY OF FUEL USED	NET MWH GENERATED
		[PROTECTED DATA BEGINS]											
Past Year	2024												
Present Year	2025												
1st Forecast Year	2026												
2nd Forecast Year	2027												
3rd Forecast Year	2028												
4th Forecast Year	2029												
5th Forecast Year	2030												
6th Forecast Year	2031												
7th Forecast Year	2032												
8th Forecast Year	2033												
9th Forecast Year	2034												
10th Forecast Year	2035												
11th Forecast Year	2036												
12th Forecast Year	2037												
13th Forecast Year	2038												
14th Forecast Year	2039												

LIST OF FUEL TYPES

- | | | |
|---------------------------------------|---|---------------------|
| BIT - Bituminous Coal | LPG - Liquefied Propane Gas | HYD - Hydro (Water) |
| COAL - Coal (General) | NG - Natural Gas | WIND - Wind |
| DIESEL - Diesel | NUC - Nuclear | WOOD - Wood |
| FO2 - Fuel Oil #2 (Mid-Distillate) | REF - Refuse, Bagasse, Peat, Non-wood waste | SOLAR - Solar |
| FO6 - Fuel Oil #6 (Residual Fuel Oil) | STM - Steam | |
| LIG - Lignite | SUB - Sub-bituminous coal | |

COMMENTS

MINNESOTA ELECTRIC UTILITY INFORMATION REPORTING - FORECAST SECTION (Continued)

CY 2024

7610.0500 TRANSMISSION LINES

Subpart 1. **Existing transmission lines.** Each utility shall report the following information in regard to each transmission line of 200 kilovolts now in existence:

- A. a map showing the location of each line;
- B. the design voltage of each line;
- C. the size and type of conductor;
- D. the approximate location of d.c. terminals or a.c. substations; and
- E. the approximate length of each line in Minnesota.

Subpart 2. **Transmission line additions.** Each generating and transmission utility, as defined in part 7610.0100, shall report the information required in subpart 1 for all future transmission lines over 200 kilovolts that the utility plans to build within the next 15 years.

Subpart 3. **Transmission line retirements.** Each generating and transmission utility, as defined in part 7610.0100, shall identify all present transmission lines over 200 kilovolts that the utility plans to retire within the next 15 years.

In Use (enter X for selection)	To Be Built (enter X for selection)	To Be Retired (enter X for selection)	DESIGN VOLTAGE	SIZE OF CONDUCTOR	TYPE OF CONDUCTOR	D.C. OR A.C. (specify)	LOCATION OF D.C. TERMINALS OR A.C. SUBSTATIONS	INDICATE YEAR IF "TO BE BUILT" OR "RETIRED"	LENGTH IN MINNESOTA (miles)
X			500 kV	3-1192 kcmil	ACSR	A.C.	Forbes - Chisago North		61.50
X			500 kV	3-1192 kcmil	ACSS	A.C.	Forbes - Roseau County South		193.30
X			500 kV	3-1192 kcmil	ACSS	A.C.	Riel(Manitoba Hyd) - Roseau Co N		10.50
X			345 kV	2-795, 2-954 kcmil	ACSR	A.C.	A.S. King - Chisago County		38.0
X			345 kV	2-795 kcmil	ACSR	A.C.	A.S. King - Eau Claire		19.60
X			345 kV	2-795 kcmil	ACSR	A.C.	A.S. King - Kohlman Lake		12.70
X			345 kV	2-795 kcmil	ACSR	A.C.	A.S. King - Red Rock		25.40
X			345 kV	2-795 kcmil	ACSR	A.C.	Adams - Pleasant Valley		16.90
X			345 kV	2-954 kcmil	ACSS/TW	A.C.	North Rochester - Briggs Road		42.37
X			345 kV	2-954 kcmil	ACSS/TW	A.C.	Bison - Alexandria Switching Stat.		101.21
X			345 kV	2-795, 2312 kcmil	ACSR	A.C.	Blue Lake - Eden Prairie		5.50
X			345 kV	2-795 kcmil	ACSR	A.C.	Blue Lake - Parkers Lake		14.90
X			345 kV	2-795 kcmil	ACSR, ACSS	A.C.	Blue Lake - Scott County		8.16
X			345 kV	2-954 kcmil	ACSS/TW	A.C.	Briggs Road - North Rochester		43.54
X			345 kV	2-954 kcmil	ACSS/TW	A.C.	Brookings Co - Steep Bank Lake		8.73
X			345 kV	2-954 kcmil	ACSR	A.C.	Bunker Lake (GRE) - Coon Creek		6.60
X			345 kV	2-795 kcmil	ACSR	A.C.	Byron - North Rochester		13.64
X			345 kV	2-795 kcmil	ACSR	A.C.	Byron - Pleasant Valley		16.30
X			345 kV	2-795, 2-954 kcmil	ACSR	A.C.	Chisago Co - Kohlman Lake		36.75
X			345 kV	2-795 kcmil	ACSR	A.C.	Coon Creek - Kohlman Lake		19.94
X			345 kV	2-954 kcmil	ACSR	A.C.	Coon Creek - Sherburne Co (1)		33.10
X			345 kV	2-954 kcmil	ACSR	A.C.	Coon Creek - Sherburne Co (3)		43.49
X			345 kV	2-795 kcmil	ACSR	A.C.	Coon Creek - Terminal		13.70
X			345 kV	2-795 kcmil	ACSR	A.C.	Crandal - Fieldon South		23.27
X			345 kV	2-795 kcmil	ACSR	A.C.	Crandal - Lakefield Gen SW		2.20
X			345 kV	2-954 kcmil	ACSR	A.C.	Dickinson (GRE) - Parkers Lake		9.72
X			345 kV	2-795, 2312 kcmil	ACSR	A.C.	Eden Prairie - Parkers Lake		9.50
X			345 kV	2-954 kcmil	ACSR	A.C.	Elm Creek - Monticello		26.1
X			345 kV	2-954 kcmil	ACSR	A.C.	Elm Creek - Parkers Lake		11.01
X			345 kV	2-795 kcmil	ACSR	A.C.	Fieldon North - Wilmarth		29.16
X			345 kV	2-954, 2-795 kcmil	ACSR	A.C.	Hampton Corners - Blue Lake		33.10
X			345 kV	2-954 kcmil	ACSS TW	A.C.	Hampton Corners - Chub Lake (GRE)		18.40
X			345 kV	2-397.5 kcmil	TACSR/VR2	A.C.	Hampton Corners - North Rochester		37.30
X			345 kV	2-954 kcmil	ACSS	A.C.	Hampton Corners - Prairie Island		19.60
X			345 kV	2-954 kcmil	ACSS/TW	A.C.	Hawks Nest - Lyon Co		30.50
X			345 kV	2-954 kcmil	ACSS TW	A.C.	Helena - Cedar Mountain (GRE) (1)		72.40
X			345 kV	2-954 kcmil	ACSS TW	A.C.	Helena - Cedar Mountain (GRE) (2)		73.40
X			345 kV	2-954 kcmil	ACSS TW	A.C.	Helena - Chub Lake (GRE)		20.80
X			345 kV	2-795 kcmil	ACSR	A.C.	Helena - Sheas Lake		7.50
X			345 kV	2-795 kcmil	ACSR	A.C.	Inver Hills - Blue Lake		22.40
X			345 kV	2-795 kcmil	ACSR	A.C.	Kohlman Lake - Terminal		10.14
X			345 kV	2-795 kcmil	ACSR	A.C.	Lakefield Jct - Lakefield Gen SW		18.62
X			345 kV	2-954, 2-397 kcmil	ACSS/TW, TACSR/TW	A.C.	Lakefield Jct - Nobles County		35.81
X			345 kV	2-954 kcmil	ACSS/TW	A.C.	Lyon Co - Cedar Mountain (GRE) (1)		50.40
X			345 kV	2-954 kcmil	ACSS/TW	A.C.	Lyon Co - Cedar Mountain (GRE) (2)		50.80
X			345 kV	2-954 kcmil	ACSS	A.C.	Lyon Co - Hazel Creek		24.20
X			345 kV	2-795 kcmil	ACSR	A.C.	Mankato Energy Center - Wilmarth		0.22
X			345 kV	2-954 kcmil	ACSR	A.C.	Monticello - Sherburne Co		5.80

**MINNESOTA ELECTRIC UTILITY INFORMATION REPORTING - FORECAST SECTION (Continued)
CY 2024**

7610.0600, item A. 24 - HOUR PEAK DAY DEMAND

Each utility shall provide the following information for the last calendar year:

A table of the demand in megawatts by the hour over a 24-hour period for:

1. the 24-hour period during the summer season when the megawatt demand on the system was the greatest; and
2. the 24-hour period during the winter season when the megawatt demand on the system was the greatest.

	DATE OF PEAK DAY DEMAND	DATE OF PEAK DAY DEMAND
	8/26/24	1/15/24
	<= ENTER DATES	
TIME OF DAY	MW USED ON SUMMER PEAK DAY	MW USED ON WINTER PEAK DAY
0100	5567	4806
0200	5323	4713
0300	5192	4704
0400	5100	4695
0500	5184	4840
0600	5487	5077
0700	5972	5464
0800	6391	5736
0900	6738	5863
1000	7131	5921
1100	7594	5949
1200	8002	5951
1300	8328	5938
1400	8603	5931
1500	8746	5864
1600	8809	5885
1700	8822	5993
1800	8764	6270
1900	8525	6255
2000	7695	6103
2100	7052	5946
2200	6622	5712
2300	6057	5429
2400	5565	5170

COMMENTS

THIS ANNUAL REPORT MUST BE SUBMITTED TO COMMERCE AS AN EXCEL WORKBOOK.
DO NOT SUBMIT THIS ANNUAL REPORT AS A PDF OR IN ANY OTHER FORMAT.

MINNESOTA ELECTRIC UTILITY ANNUAL REPORT - FORECAST SECTION CY 2024

REMEMBER TO SEND/UPLOAD THE FOLLOWING ATTACHMENTS:

DO NOT INSERT THE ATTACHMENT INTO THIS WORKBOOK

< = < = < NOTE < = <

- 1 Each utility shall report the following information in regard to each transmission line of 200 kilovolts now in existence:
 - a. a map showing the location of each line;
 - b. the design voltage of each line;
 - c. the size and type of conductor;
 - d. the approximate location of d.c. terminals or a.c. substations; and
 - e. the approximate length of each line in Minnesota.(pursuant to MN Rules Chapter 7610.0500 Subpart 1, Existing transmission lines)

When submitting this workbook and attachments, please following the file naming format of:

ELEC_###_2024 Forecast Report (this workbook)

ELEC_###_2024 TL Map

NOTE: ### is your Utility Entity number found in Cell C5 on the Registration Tab