

# 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](mailto: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](mailto: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

<b>ENTITY ID#</b>	121
<b>REPORT YEAR</b>	2024

UTILITY DETAILS	
UTILITY NAME	Great River Energy
STREET ADDRESS	12300 Elm Creek Blvd
CITY	Maple Grove
STATE	MN
ZIP CODE	55369-4718
TELEPHONE	763-241-5775
	Scroll down to see allowable UTILITY TYPES
* UTILITY TYPE	Co-op

COMMENTS
GRE considers some of the data within this file to be Trade Secret because it contains confidential customer information and contract terms. Disclosure could affect our competitive position and customer relationships by revealing sensitive business details.

### ALLOWABLE UTILITY TYPES

#### Code

- Private
- Public
- Co-op

<b>RILS ID#</b>	U12555
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CONTACT INFORMATION	
CONTACT NAME	John Williams
CONTACT TITLE	Senior Forecaster
CONTACT STREET ADDRESS	12300 Elm Creek Blvd
CITY	Maple Grove
STATE	MN
ZIP CODE	55369-5775
TELEPHONE	763-445-6119
CONTACT E-MAIL	<a href="mailto:jwilliams@GREnergy.com">jwilliams@GREnergy.com</a>

PREPARER INFORMATION	(do not type "Same as Above")
PERSON PREPARING FORMS	John Williams
PREPARER'S TITLE	Senior Forecaster
DATE	7/1/2025
PREPARER'S EMAIL ADDRESS	<a href="mailto:jwilliams@GREnergy.com">jwilliams@GREnergy.com</a>

# 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	456,537	4,196,375		344538.38	44,015	12241	3,396	5,057,102	5,057,102
		MWH	443,343	3,707,538		1,042,821	1,642,907	16,624	46,148	6,899,381	6,899,381
Present Year	2025	No. of Customers	465,311	4,276,332		355402.07	44,451	12371.35	3,499	5,157,367	5,157,367
		MWH	491,886	4,048,692		1068856.12	1,796,710	16890.4	47,215	7,470,250	7,470,250
1st Forecast Year	2026	No. of Customers	474,862	4,360,912		368755.12	45,123	12630.35	3,660	5,265,943	5,265,943
		MWH	500,707	4,122,253		1092846.3	1,828,974	17162.36	47,703	7,609,646	7,609,646
2nd Forecast Year	2027	No. of Customers	480,153	4,405,954		372366.49	45,865	12630.35	3,660	5,320,629	5,320,629
		MWH	504,981	4,154,467		1094498.56	1,844,253	17104.27	47,703	7,663,006	7,663,006
3rd Forecast Year	2028	No. of Customers	485,072	4,447,918		375994.2	46,495	12630.35	3,660	5,371,769	5,371,769
		MWH	510,731	4,201,074		1095481.41	1,853,292	17042.45	47,703	7,725,324	7,725,324
4th Forecast Year	2029	No. of Customers	489,615	4,486,771		379666.58	47,085	12630.35	3,660	5,419,427	5,419,427
		MWH	513,353	4,219,005		1097636.45	1,861,863	16979.09	47,703	7,756,539	7,756,539
5th Forecast Year	2030	No. of Customers	493,747	4,522,234		383394.27	47,724	12630.35	3,660	5,463,390	5,463,390
		MWH	516,985	4,247,049		1097044.09	1,868,012	16895.34	47,703	7,793,689	7,793,689
6th Forecast Year	2031	No. of Customers	497,477	4,554,379		387145.22	48,383	12630.35	3,660	5,503,675	5,503,675
		MWH	520,380	4,273,503		1097547.46	1,876,466	16797	47,703	7,832,397	7,832,397
7th Forecast Year	2032	No. of Customers	500,838	4,583,453		390925.18	49,042	12630.35	3,660	5,540,548	5,540,548
		MWH	525,208	4,313,917		1098658.78	1,886,365	16710	47,703	7,888,562	7,888,562
8th Forecast Year	2033	No. of Customers	503,884	4,609,913		394744.77	49,686	12630.35	3,660	5,574,518	5,574,518
		MWH	527,176	4,328,070		1101114.1	1,897,346	16634.06	47,703	7,918,045	7,918,045
9th Forecast Year	2034	No. of Customers	506,698	4,634,455		398612.69	50,334	12630.35	3,660	5,606,390	5,606,390
		MWH	530,828	4,358,308		1104972	1,910,305	16568.02	47,703	7,968,685	7,968,685
10th Forecast Year	2035	No. of Customers	509,344	4,657,586		402525.91	50,995	12630.35	3,660	5,636,742	5,636,742
		MWH	534,626	4,390,155		1109919.26	1,925,275	16510.64	47,703	8,024,189	8,024,189
11th Forecast Year	2036	No. of Customers	511,840	4,679,462		406479.07	51,662	12630.35	3,660	5,665,734	5,665,734
		MWH	540,048	4,437,399		1115800.15	1,941,744	16461.01	47,703	8,099,156	8,099,156
12th Forecast Year	2037	No. of Customers	514,187	4,700,069		410475.48	52,331	12630.35	3,660	5,693,353	5,693,353
		MWH	542,464	4,456,762		1122109.23	1,958,769	16417.81	47,703	8,144,225	8,144,225
13th Forecast Year	2038	No. of Customers	516,386	4,719,435		414512.24	53,003	12630.35	3,660	5,719,626	5,719,626
		MWH	546,475	4,491,252		1129769.57	1,977,704	16380.12	47,703	8,209,284	8,209,283
14th Forecast Year	2039	No. of Customers	518,448	4,737,652		418588.91	53,678	12630.35	3,660	5,744,657	5,744,657
		MWH	550,461	4,525,709		1137876.85	1,997,299	16347.06	47,703	8,275,396	8,275,396

\* 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.  
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# 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	456,537	4,196,375		344538.38	44,015	12241	3,396	5,057,102	5,057,102
		MWH	443,343	3,707,538		1,042,821	1,642,907	16,624	46,148	6,899,381	6,899,381
Present Year	2025	No. of Customers	465,311	4,276,332		355402.07	44,451	12371.35	3,499	5,157,367	5,157,367
		MWH	491,886	4,048,692		1068856.12	1,796,710	16890.4	47,215	7,470,250	7,470,250
1st Forecast Year	2026	No. of Customers	474,862	4,360,912		368755.12	45,123	12630.35	3,660	5,265,943	5,265,943
		MWH	500,707	4,122,253		1092846.3	1,828,974	17162.36	47,703	7,609,646	7,609,646
2nd Forecast Year	2027	No. of Customers	480,153	4,405,954		372366.49	45,865	12630.35	3,660	5,320,629	5,320,629
		MWH	504,981	4,154,467		1094498.56	1,844,253	17104.27	47,703	7,663,006	7,663,006
3rd Forecast Year	2028	No. of Customers	485,072	4,447,918		375994.2	46,495	12630.35	3,660	5,371,769	5,371,769
		MWH	510,731	4,201,074		1095481.41	1,853,292	17042.45	47,703	7,725,324	7,725,324
4th Forecast Year	2029	No. of Customers	489,615	4,486,771		379666.58	47,085	12630.35	3,660	5,419,427	5,419,427
		MWH	513,353	4,219,005		1097636.45	1,861,863	16979.09	47,703	7,756,539	7,756,539
5th Forecast Year	2030	No. of Customers	493,747	4,522,234		383394.27	47,724	12630.35	3,660	5,463,390	5,463,390
		MWH	516,985	4,247,049		1097044.09	1,868,012	16895.34	47,703	7,793,689	7,793,689
6th Forecast Year	2031	No. of Customers	497,477	4,554,379		387145.22	48,383	12630.35	3,660	5,503,675	5,503,675
		MWH	520,380	4,273,503		1097547.46	1,876,466	16797	47,703	7,832,397	7,832,397
7th Forecast Year	2032	No. of Customers	500,838	4,583,453		390925.18	49,042	12630.35	3,660	5,540,548	5,540,548
		MWH	525,208	4,313,917		1098658.78	1,886,365	16710	47,703	7,888,562	7,888,562
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		MWH	527,176	4,328,070		1101114.1	1,897,346	16634.06	47,703	7,918,045	7,918,045
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		MWH	540,048	4,437,399		1115800.15	1,941,744	16461.01	47,703	8,099,156	8,099,156
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		MWH	542,464	4,456,762		1122109.23	1,958,769	16417.81	47,703	8,144,225	8,144,225
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		MWH	546,475	4,491,252		1129769.57	1,977,704	16380.12	47,703	8,209,284	8,209,283
14th Forecast Year	2039	No. of Customers	518,448	4,737,652		418588.91	53,678	12630.35	3,660	5,744,657	5,744,657
		MWH	550,461	4,525,709		1137876.85	1,997,299	16347.06	47,703	8,275,396	8,275,396

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COMMENTS

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

**CY 2024**

**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
Past Year	2024	11,208,934		15,520,089	4,077,712	526,586	760,029	7,509,986	3,698,948	0
Present Year	2025	10,576,860		14,821,090	4,036,980	509,921	717,171	7,086,496	3,490,364	0
1st Forecast Year	2026	10,580,406		15,617,600	4,799,754	479,971	717,411	7,088,872	3,491,534	0
2nd Forecast Year	2027	10,599,140		15,400,905	4,566,054	482,971	718,682	7,101,424	3,497,716	0
3rd Forecast Year	2028	10,646,800		15,145,812	4,260,654	483,556	721,913	7,133,356	3,513,444	0
4th Forecast Year	2029	10,621,913		18,583,222	7,724,055	482,971	720,226	7,116,681	3,505,231	0
5th Forecast Year	2030	10,674,737		18,790,014	7,889,314	497,845	723,808	7,152,074	3,522,663	0
6th Forecast Year	2031	10,727,826		19,420,596	8,463,764	498,400	727,407	7,187,643	3,540,182	0
7th Forecast Year	2032	10,781,180		21,249,963	10,235,603	497,845	731,025	7,223,390	3,557,789	0
8th Forecast Year	2033	10,834,800		21,473,840	10,402,223	497,845	734,661	7,259,316	3,575,484	0
9th Forecast Year	2034	10,888,689		21,698,153	10,568,994	497,845	738,315	7,295,422	3,593,267	0
10th Forecast Year	2035	10,942,848		21,928,994	10,742,560	498,400	741,987	7,331,708	3,611,140	0
11th Forecast Year	2036	10,997,277		22,164,452	10,919,342	497,845	745,678	7,368,175	3,629,101	0
12th Forecast Year	2037	11,051,978		22,406,619	11,103,100	497,845	749,387	7,404,825	3,647,153	0
13th Forecast Year	2038	11,106,953		22,649,589	11,287,366	497,845	753,114	7,441,658	3,665,294	0
14th Forecast Year	2039	11,217,452		22,899,458	11,419,799	498,400	760,607	7,515,693	3,701,759	0

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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	76.33	640.5	202.56	0	319.12	3.23	98.4	1,340.14	1340.1

**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	1279	1114	997	891	857	1122	1340	1331	1173	899	1139	1303

COMMENTS









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

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
			SEASONAL MAXIMUM DEMAND	SCHEDULE L PURCHASE AT THE TIME OF SEASONAL SYSTEM DEMAND	SEASONAL SYSTEM DEMAND	ANNUAL SYSTEM DEMAND	SEASONAL FIRM PURCHASES (TOTAL)	SEASONAL FIRM SALES (TOTAL)	SEASONAL ADJUSTED NET DEMAND (Column 3 - 5 + 6)	ANNUAL ADJUSTED NET DEMAND (Column 4 - 5 + 6)	NET GENERATING CAPABILITY	PARTICIPATION PURCHASES (TOTAL)	PARTICIPATION SALES (TOTAL)	ADJUSTED NET CAPABILITY (Column 9 + 10 - 11)	NET RESERVE CAPACITY OBLIGATION	TOTAL FIRM CAPACITY OBLIGATION (Column 7 + 13)	SURPLUS (+) OR DEFICIT (-) CAPACITY (Column 12 - 14)
Past Year	2024	Summer	1327		1327	1327	312	776	1791	1791	1481	982		2463	105	1896	567
		Winter	1288		1288	1327	743	572	1117	1157	1657	768	200	2225	237	1354	871
Present Year	2025	Summer	1437		1437	1437	312	803	1928	1928	1481	876		2357	114	2041	316
		Winter	1342		1342	1437	743	589	1187	1283	1657	682	200	2119	247	1434	685
1st Forecast	2026	Summer	1476		1476	1476	311	804	1968	1968	1481	826		2307	117	2085	222
Year		Winter	1385		1385	1476	740	573	1218	1308	1657	612	200	2069	255	1473	596
2nd Forecast	2027	Summer	1487		1487	1487	311	805	1981	1981	1481	806		2287	117	2099	188
Year		Winter	1396		1396	1487	689	573	1280	1371	1657	592	200	2049	257	1537	512
3rd Forecast	2028	Summer	1499		1499	1499	336	806	1969	1969	1481	806		2287	118	2088	199
Year		Winter	1406		1406	1499	929	573	1022	1022	1657	592	200	2049	259	1188	861
4th Forecast	2029	Summer	1509		1509	1509	417	808	1900	1900	1481	806		2287	119	2019	268
Year		Winter	1419		1419	1509	1050	573	942	1033	1657	592	200	2049	261	1203	846
5th Forecast	2030	Summer	1518		1518	1518	417	809	1910	1910	1481	606		2087	120	2030	57
Year		Winter	1423		1423	1518	1050	573	946	1041	1657	592		2249	262	1207	1042
6th Forecast	2031	Summer	1527		1527	1527	417	810	1920	1920	1481	256		1737	121	2041	-304
Year		Winter	1429		1429	1527	1050	573	952	1050	1657	242		1899	263	1215	684
7th Forecast	2032	Summer	1538		1538	1538	417	812	1933	1933	1481	256		1737	121	2054	-317
Year		Winter	1437		1437	1538	1050	573	959	1060	1657	242		1899	264	1224	675
8th Forecast	2033	Summer	1548		1548	1548	417	813	1944	1944	1481	256		1737	122	2066	-330
Year		Winter	1447		1447	1548	1050	573	970	1071	1657	242		1899	266	1237	662
9th Forecast	2034	Summer	1558		1558	1558	417	815	1956	1956	1481	256		1737	123	2079	-343
Year		Winter	1450		1450	1558	1050	573	973	1081	1657	242		1899	267	1238	660
10th Forecast	2035	Summer	1571		1571	1571	417	817	1970	1970	1481	256		1737	124	2095	-358
Year		Winter	1458		1458	1571	1050	572	980	1093	1657	242		1899	268	1249	650
11th Forecast	2036	Summer	1585		1585	1585	417	818	1987	1987	1481	256		1737	125	2112	-375
Year		Winter	1467		1467	1585	1050	572	989	1108	1657	242		1899	270	1259	640
12th Forecast	2037	Summer	1599		1599	1599	397	820	2022	2022	1481	256		1737	126	2149	-412
Year		Winter	1480		1480	1599	989	573	1063	1183	1657	242		1899	272	1335	564
13th Forecast	2038	Summer	1613		1613	1613	397	822	2038	2038	1481	256		1737	127	2166	-429
Year		Winter	1484		1484	1613	989	572	1067	1196	1657	242		1899	273	1340	559
14th Forecast	2039	Summer	1628		1628	1628	397	824	2055	2055	1481	256		1737	129	2184	-447
Year		Winter	1494		1494	1628	989	572	1077	1211	1657	242		1899	275	1351	548

COMMENTS

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

**7610.0310 Item H. ADDITIONS AND RETIREMENTS (Express in MegaWatts)**

		ADDITIONS	RETIREMENTS
Past Year	2024		
Present Year	2025		6
1st Forecast Year	2026	228	
2nd Forecast Year	2027	159	99
3rd Forecast Year	2028	700	
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		100
12th Forecast Year	2037		
13th Forecast Year	2038		
14th Forecast Year	2039		

**COMMENTS**

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**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	LIG	Name of Fuel	NG	Name of Fuel	FO2	Name of Fuel		Name of Fuel		Name of Fuel	
		Unit of Measure	1000 lbs	Unit of Measure	MCF	Unit of Measure	1000 Gals	Unit of Measure		Unit of Measure		Unit of Measure	
		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
Past Year	2024	102,714	16,115	6,486,028	416,015	406	3,044						
Present Year	2025	176,943	24,486	6,636,328	437,582	72	1,000						
1st Forecast Year	2026	176,943	24,486	6,636,328	437,582	72	1,000						
2nd Forecast Year	2027	-	-	6,636,328	437,582	72	1,000						
3rd Forecast Year	2028	-	-	6,636,328	437,582	72	1,000						
4th Forecast Year	2029	-	-	6,636,328	437,582	72	1,000						
5th Forecast Year	2030	-	-	6,636,328	437,582	72	1,000						
6th Forecast Year	2031	-	-	6,636,328	437,582	72	1,000						
7th Forecast Year	2032	-	-	6,636,328	437,582	72	1,000						
8th Forecast Year	2033	-	-	6,636,328	437,582	72	1,000						
9th Forecast Year	2034	-	-	6,636,328	437,582	72	1,000						
10th Forecast Year	2035	-	-	6,636,328	437,582	72	1,000						
11th Forecast Year	2036	-	-	6,636,328	437,582	72	1,000						
12th Forecast Year	2037	-	-	6,636,328	437,582	72	1,000						
13th Forecast Year	2038	-	-	6,636,328	437,582	72	1,000						
14th Forecast Year	2039	-	-	6,636,328	437,582	72	1,000						

**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**

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# 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			230 kV	795	ACSR	AC	From Mud Lake to Riverton		8.57
X			230 kV	795	ACSR	AC	From Benton County to Mud Lake		54.19
X		X	230 kV	795	ACSR	AC	From Benton County to Monticello	2030	21.61
X			230 kV	795	ACSR	AC	From Elk River to Monticello		16.9
X			230 kV	795	ACSR	AC	From Elk River to Bunker Lake		16.19
X			230 kV	795	ACSR	AC	From Bunker Lake to Blaine		12.94
X			230 kV	795	ACSR	AC	From Blaine to Linwood		16.95
X			230 kV	795	ACSR	AC	From Linwood to Rush City		24.32
X			230 kV	795	ACSR	AC	From Rush City to Arrowhead		0.59
X			230 kV	795	ACSR	AC	From Rush City to Red Rock		0.59
X			230 kV	795	ACSR	AC	[GRE/WMU]		30.9
X			230 kV	1,272	ACSR	AC	[SMMPA/GRE]		26.05
X			230 kV	795	ACSR	AC	From Wing River to Inman		19.44
X			230 kV	795	ACSR	AC	From Henning to Inman		3.72
X			230 kV	795	ACSR	AC	[MP/GRE]		49.28
X			345 kV	2-954	ACSR	AC	Grove		18.57
X			345 kV	2-954	ACSR	AC	Creek		8.39
X			345 kV	1,192	ACSR	AC	From Sherburne Co. to Benton Co.		21.4
X			500 kV	3-1192	ACSR	AC	From Forbes to Denham		69.77
X			230 kV	795	ACSR	AC	From Cass Lake to Boswell		51.46
X			345 kV	2-954	ACSS	AC	From Monticello to Quarry		28.77
X			345 kV	2-954	ACSS	AC	From Quarry to Riverview		35.08
X			345 kV	2-954	ACSS	AC	Switching Station		42.35
X			345 kV	2-954	ACSS	AC	MN/ND border		100

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**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
	7/29/2024	12/12/24
	<= ENTER DATES	
TIME OF DAY	MW USED ON SUMMER PEAK DAY	MW USED ON WINTER PEAK DAY
0100	809	1219
0200	756	1172
0300	724	1153
0400	707	1140
0500	709	1143
0600	744	1176
0700	794	1197
0800	857	1224
0900	908	1210
1000	955	1179
1100	1008	1139
1200	1079	1107
1300	1143	1087
1400	1201	1099
1500	1243	1095
1600	1278	1019
1700	1310	979
1800	1340	1038
1900	1338	1036
2000	1294	1032
2100	1228	1198
2200	1163	1244
2300	1094	1282
2400	970	1262

COMMENTS

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# 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