

May 19, 2022

Will Seuffert Executive Secretary Minnesota Public Utilities Commission 121 7th Place East, Suite 350 Saint Paul, Minnesota 55101-2147

RE: Comments of the Minnesota Department of Commerce, Division of Energy Resources
Docket No. E015/M-22-130

Dear Mr. Seuffert:

Attached are the Comments of the Minnesota Department of Commerce, Division of Energy Resources (Department), in the following matter:

Minnesota Power's 2021 Conservation Improvement Program Consolidated Filing.

The Petition was filed on April 1, 2022 by:

Analeisha Vang Senior Public Policy Advisory Minnesota Power 30 West Superior Street Duluth, MN 53802

The Department recommends that, pending the receipt of additional information, the Minnesota Public Utilities Commission (Commission) **approve Minnesota Power's Petition.** The Department is available to answer any questions that the Commission may have in this matter.

Sincerely,

/s/ MICHAEL N. ZAJICEK Rates Analyst

MNZ/ja Attachment



Before the Minnesota Public Utilities Commission

Comments of the Minnesota Department of Commerce Division of Energy Resources

Docket No. E015/M-22-130

I. SUMMARY OF THE UTILITY'S PROPOSAL

On April 1, 2022, Minnesota Power (MP or the Company) submitted its annual Conservation Improvement Program (CIP) Consolidated Filing (*Report* or *Petition*) for 2021 with the Minnesota Public Utilities Commission (Commission) in Docket No. E015/M-22-130. In its *Petition*, MP requested that the Commission approve:

- A Shared Savings Demand Side Management (DSM) financial incentive of \$1,937,003 for MP's 2021 CIP achievements;
- 2021 CIP tracker account activity, resulting in a year-end 2021 balance of \$3,583,333;
- A CIP tracker carrying charge rate of 0.2917 percent;
- A 2022/2023 Conservation Program Adjustment factor of \$0.002002/kWh for bills rendered on and after July 1, 2022; and
- A variance of Minn. Rules 7820.3500 and 7825.2600 to permit MP's continued combination of the Conservation Program Adjustment with the Fuel and Purchased Power Clause Adjustment on customer bills.

The Company also filed its 2021 CIP Status Report (*Status Report*). The *Status Report* is intended to fulfill the requirements of the Minnesota Department of Commerce, Division of Energy Resources' (Department) annual CIP reporting rules contained in Minnesota Rules part 7690.0500. Since the Company's *Status Report* does not require Commission approval, that portion of the *Petition* has been assigned to a separate docket.¹

II. COMMISSION'S 2021 ORDER

On September 7, 2021, the Commission issued its *Order* approving MP's 2019 Consolidated CIP filings,² with the following determinations:

- 1. Approved Minnesota Power's 2020 Conservation Improvement Program (CIP) tracker account, as summarized in Table 1 of the Department of Commerce comments, with a December 31, 2020 tracker balance of (\$380,309.59).
- 2. Approved Minnesota Power's new monthly carrying charge rate of 0.2917 percent.

¹ See Docket No. E015/CIP-20-476.01

² See Commission's August 18, 2020 Order in Docket No. E015/M-20-428.

Analyst assigned: Michael N. Zajicek

Page 2

3. Approved a 2021/2022 Conservation Program Adjustment (CPA) of (\$0.002015) per kWh, to be effective July 1, 2021, or on the first billing cycle in the next full month after Commission approval, whichever is later.

- 4. Approved a Demand Side Management financial incentive of \$2,411,672 for Minnesota Power's 2020 CIP achievements, to be included in the Company's CIP tracker account no sooner than the issue date of this Order.
- 5. Granted Minnesota Power a variance to Minnesota Rules part 7820.3500 (K) and a variance to Minnesota Rules part 7825.2600 until issuance of the Commission's Order establishing MP's 2020/2021 CPA.
- Required Minnesota Power to submit a compliance filing, within 10 days of the issue date of that Order, with revised tariff sheets reflecting the Commission's determinations in this matter.

On September 17, 2021, MP submitted its compliance tariff sheets in response to Order Point 6.

III. DEPARTMENT ANALYSIS

The Department's analysis of MP's *Petition* is provided below in the following sections:

- in Section III.A, Minnesota Power's proposed 2021 Shared Savings DSM financial incentive;
- in Section III.B, MP's proposed reconciliation for its 2021 CIP tracker account;
- in Section III.C, Minnesota Power's proposed CPA for 2022/2023;
- in Section III.D, Minnesota Power's request for a waiver from Minnesota Rules part 7820.3500 (K) and Minnesota Rules part 7825.2600 and its proposed notice of the rate increase; and
- in Section III.E, MP's historical CIP achievements and incentives, 2007-2021.

A. MINNESOTA POWER'S PROPOSED FINANCIAL INCENTIVE FOR 2021 CIP ACHIEVEMENTS

1. Background and Summary of MP's Proposed DSM Incentive for 2021 Achievements

The Commission approved a modified Shared Savings DSM financial incentive mechanism in its August 5, 2016, Order Adopting Modifications to Shared Savings Demand-Side Management Financial Incentive Plan, Docket No. E,G999/CI-08-133. The new mechanism, which began January 1, 2017, is triggered when electric utilities achieve energy savings of 1 percent, and gas utilities achieve 0.7 percent, of the utility's most recent three-year average of weather-normalized retail sales.³ That Order covered years 2017-2019, and in a different Order, the Commission extended the 2019 parameters to 2020.⁴ On December 9, 2020, the Commission approved the parameters for the Shared Savings

³ Excluding retail sales to customers who are owners of a large customer facility and have been granted an exemption by the Department's Commissioner under Minnesota Statutes 216B.241, subd. 1a(b).

⁴ Order Extending Existing Incentive Formula and Encouraging Discussions for Future Revisions. February 20, 2020, Docket No. E,G999/CI-08-133.

Analyst assigned: Michael N. Zajicek

Page 3

financial incentive mechanism covering the 2021-2023 CIP triennia (*December 9th Order*).⁵ The Commission capped electric and gas incentives at 10 percent of net benefits and 30 percent of expenditures. The December 9th Order approved an expenditure cap of 35 percent if electric utilities meet or exceed energy savings of 2 percent and gas utilities 1.2 percent of retail sales. For more details about the December 9th Order, see Attachment A.

MP reported that its 2021 achievements resulted in energy savings of 74,539,041 kWh, approximately 2.82% of retail sales, and demand savings of 6,831 kW. Together the 2021 energy and demand savings resulted in \$19,370,032 of net benefits.⁶ Based on the terms and conditions of its approved Shared Savings DSM financial incentive plan, Minnesota Power requested recovery of a DSM financial incentive of \$1,937,003 for 2021, which the Company calculated by multiplying the Net benefits cap of 10 percent by the net benefits of \$19,370,032. Minnesota Power's proposed incentive is equal to approximately 21.1% (\$1,937,003/\$9,161,598) of the Company's 2021 expenditures.

2. The Department's Review of MP's Proposed 2020 DSM Incentive

Minnesota Power estimated that its 2021 performance should result in a Shared Savings DSM financial incentive of \$1,937,003.

The Department's technical analysis of the demand and energy savings that underpin MP's proposed Shared Savings 2021 DSM financial incentive of \$1,937,003 is ongoing and will not be completed before the instant comments are due. The existence of this lag between the Company's request for recovery of the incentive and the completion of the Department's engineering review is a recurring phenomenon.

In 2021, the Department compensated for this lag by simply assuming Minnesota Power's claimed energy savings for 2020 were correct as filed, with the intent to make, in the instant filing, any adjustments approved by the Deputy Commissioner of the Department. However, the Deputy Commissioner approved Minnesota Power's 2021 Status Report, covering 2020 CIP activity, without any adjustments in Docket No. E015/CIP-16-117.04, and thus none are required in this docket.

In the event that the Deputy Commissioner of the Department approves different 2021 CIP energy savings or budget, the Commission can approve any adjustments to the Company's DSM financial incentive for 2021 achievements as part of the Company's 2022 filing, due April 1, 2023.

⁵ E017/M-21-228 November 15, 2021 Order

⁶ Calculations of Net Benefits are shown on Page 61 of the *Petition*. MP notes that Order Points 1 and 2 from the Commission's July 16, 2013 *Order Determining Ratemaking Treatment of Utility CIP Project Costs* (Docket No. E,G999/DI-12-1342), net benefits and energy savings resulting from MP facilities projects are excluded for the purpose of the financial incentive calculation. There were no MP facilities projects in 2021 so no adjustments were required.

⁷ Approved by the Department on July 8, 2021.

Analyst assigned: Michael N. Zajicek

Page 4

The Department's review indicates that the Company correctly calculated its DSM financial incentive for 2021 CIP achievements; therefore, the Department recommends that the Commission approve MP's 2021 Shared Savings financial incentive of \$1,937,003.

B. MINNESOTA POWER'S PROPOSED 2021 CIP TRACKER ACCOUNT

In its *Petition*, Minnesota Power requested approval of its report on recoveries and expenditures included in the Company's CIP tracker account balance during 2021. Activity in MP's CIP tracker account during 2021 is summarized below in Table 1.

Table 1: A Summary of MP's 2021 CIP Tracker Account

Line No.	Description	Time Period	Amount
1	Beginning Balance	January 1, 2021	(\$380,309)
2	CIP Expenses	January 1 through December 31, 2021	\$9,331,962
3	DSM Financial Incentive	Approved in 2021 for 2020	\$2,411,672
4	CIP Expenses Subtotal [Line 2 + Line 3]	January 1 through December 31, 2021	\$11,743,634
5	Base Rate Cost Recovery	January 1 through December 31, 2021	(\$8,360,767)
6	Carrying Charges Recovered		\$0
7	Conservation Program Adjustment Recovery	January 1 through December 31, 2021	\$564,638
8	CIP Recoveries Subtotal [Line 5 + Line 6 + Line 7 + Line 8]	January 1 through December 31, 2021	(\$7,796,129)
9	Monthly Carrying Charges	January 1 through December 31, 2021	\$16,137
10	Ending Balance [Line 1 + Line 4 + Line 8 + Line 9]	December 31, 2021	\$3,583,333

Analyst assigned: Michael N. Zajicek

Page 5

The Department reviewed MP's CIP tracker account for 2021 and concludes that the Company correctly calculated its CIP tracker account for 2021, resulting in a year-end balance of \$3,583,333.

C. MINNESOTA POWER'S PROPOSED UPDATED CPA AND MONTHLY CHARGE RATE

The Commission approved MP's CPA (Conservation Program Adjustment) of (\$0.000817) per kWh on August 28, 2020 in Docket No. E015/M-20-428.

On pages 16-17 of its instant filing, MP stated:

The CIP Tracker Account balance at year-end 2020 reflects the result of prior activity in Tracker 2, as indicated on page 1 of Exhibit 1. However, for CPA purposes, the 2020 year-end balance requires adjustments to properly calculate the proposed CPA factor. Using the new fiscal year approach, these factors have been expanded to include actual and anticipated expenditures and cost recovery through base rates (CCRC) and the current CPA rate for the remainder of the current CPA period (January 2021-June 2021) as well as anticipated financial incentives, anticipated CIP expenditures and anticipated cost recovery through base rates for the new CPA period (July 2021–June 2022). The fiscal year approach is designed to achieve a zero Tracker balance at the end of the CPA period (fiscal year) rather than at the end of the calendar year. Higher (calendar) year-end Tracker balances should therefore be anticipated going forward which is a deviation from Minnesota Power's recent history of low year-end Tracker balances. Minnesota Power notes that actual program performance, expenditures and sales will lead to tracker balance fluctuation.

For July 2020 through June 2021, Minnesota Power proposed an increased surcharge of \$0.002015 per kWh, or a \$0.002832 per kWh increase from the Company's 2020/2021 CPA of (\$0.000817) per kWh.

Table 2 below delineates the Company's calculation of its 2021/2022 CPA.

Analyst assigned: Michael N. Zajicek

Page 6

Table 2: MP's 2022/2023 Conservation Program Adjustment Calculation⁸

Line No.	Description	Jan 2021-June 2021	July 2021-June 2022
1	CIP Tracker Account balance	\$3,583,333	\$1,000,840
2	Financial Incentives for 2020 Activity	N/A	\$1,937,003
3	CIP Current Year Expenditures (actuals, Jan-Feb)	\$4,538,978	\$10,805,130
4	CIP Expenses Subtotal [Line 2 + Line 3]	\$4,538,978	\$12,742,133
5	CIP Costs Recovered Through Base Rates (actuals, Jan- Feb)	(\$4,431,953)	(\$8,552,214)
6	CIP Cost Recovery through current CPA (actuals, Jan-Feb)	(\$2,702,006)	N/A
7	CIP Recoveries Subtotal [Line 5 + Line 6]	(\$7,133,959)	(\$8,552,214)
8	Carrying Charges	\$12,488	N/A
9	Recoverable CIP Tracker Balance [Line 1 + Line 4 + Line 7 + Line 8]	\$1,000,840	\$5,190,759
10	CPA per kWh = \$5,190,759/2,592,283,000 kWh		\$0.002002

MP derived its proposed 2022/2023 CPA by dividing the recoverable CIP tracker balance projected for June 30, 2022 (fourth column of line 9) by the kilowatt hour sales subject to CIP over the corresponding period (2,592,283,000 kWh, see line 10). The result is the \$0.002002/kWh CPA that the Company proposed.

Order Point 4 of the Commission's Order in Docket No. E015/M-15-80 required the Company to calculate the carrying charge on its CIP tracker account using the rate from its multi-year credit facility, effective upon the Commission's Order of September 16, 2015. Exhibit 1, page 5 of MP's filing shows that the Company proposed to maintain its monthly carrying charge rate of 0.2917 percent to be used for the 2022/2023 CPA. The Department concludes that MP correctly calculated its monthly carrying charge rate of 0.2917 percent.

The Department recommends that the Commission approve MP's proposed 2022/2023 CPA of \$0.002002/kWh.

E. MP'S ANNUAL REQUEST FOR VARIANCES FROM COMMISSION RULES

Minnesota Power requested renewal of two variances:

• a variance from Minnesota Rules part 7820.3500 (K), which requires the Fuel Clause Adjustment (FCA) to be listed on customers' bills as a separate line item; and

⁸ For charges in Lines 3, 5, and 6 (CIP expenditures, CIP base rate recoveries, and CPA recoveries), the Company used actual figures for January and February of 2021, and estimated figures for March 2021 through June 2022.

Analyst assigned: Michael N. Zajicek

Page 7

• a variance from Minnesota Rules part 7825.2600, which states that the FCA should be stated on a per-kWh basis on customer bills.

MP indicated that it seeks a variance of these two rules so that the Company may calculate the CIP adjustment rate on a per-kilowatt-hour basis, and combine the FCA and CIP adjustment rate on one bill line-item called a "Resource Adjustment."

Minnesota Rules part 7829.3200 authorizes the Commission to grant a variance to its rules when:

- enforcement of the rule would impose an excessive burden upon the applicant or others affected by the rule;
- granting the variance would not adversely affect the public interest; and
- granting the variance would not conflict with standards imposed by law.

The Department concludes that the criteria for granting the requested variances are met as follows:

- <u>Excessive Burden</u>: MP has been using the combined Resource Adjustment for several years. While this approach certainly can be changed if the Commission desires, requiring a change now, for an adjustment to go in effect soon, would create an administrative burden that is excessive.
- <u>Public Interest</u>: The variance would not adversely affect the public interest and could avoid confusion that might result from changing the presentation on bills at this time.
- Standards Imposed by Law: The separate line item requirement is created by Commission rule, and is not required by statute. Therefore, the requirement may be varied pursuant to Minnesota Rules pt. 7829.3200.

Therefore, the Department recommends that the Commission approve the variances requested by the Company.

F. HISTORY OF MINNESOTA POWER'S CIP ACHIEVEMENTS AND FINANCIAL INCENTIVES 2007-2021

In Attachment B, the Department presents a historical comparison of MP's CIP activity for the period 2007 through 2021. The attachment provides an indication of how the Company's energy and demand savings, CIP expenditures, Shared Savings financial incentive, carrying charges, and year-end tracker balance changed during the period. Select statistics from Attachment B, Table 1 are presented in the following table:

Analyst assigned: Michael N. Zajicek

Page 8

Table 3: Savings, Expenditures, and Incentives for Select Years, 2008-2021

	Energy Savings (kWh)	Demand Savings (kW)	CIP Expenditures	Shared Savings Incentive
2021	75,539,041	6,831	\$9,161,598	\$1,937,003
2020	70,774,076	6,811	\$8,205,771	\$2,411,672
Average 2019-2021	71,327,446	7,327	\$8,549,381	\$2,234,132
Average 2008-2010	54,082,078	6,398	\$5,314,880	\$2,764,163
Compare 2021 to 2020	6.73%	0.29%	11.65%	-19.68%
Compare 2021 to Avg 2019-2021	5.90%	-6.77%	7.16%	-13.30%
Compare Avg. 2019-2021 to Avg 2008-2010	31.89%	14.51%	60.86%	-19.18%

Table 3 shows that in 2021:

- First-year energy savings were approximately 6.73 percent higher than 'the Company's 2020 energy savings;
- Demand savings were 0.29 percent higher than the Company's 2020 demand savings; and
- Compared to ten years ago, average energy savings, demand savings, and CIP expenditures have all increased, while the incentive has decreased.

III. RECOMMENDATIONS

The Department recommends that the Commission:

- 1. Approve Minnesota Power's 2021 CIP tracker account, as summarized in Table 1 above, with a December 31, 2021 tracker balance \$3,583,333.
- 2. Approve MP's monthly carrying charge rate of 0.2917 percent;
- 3. Approve a 2022/2023 CPA of \$0.002002 per kWh, to be effective July 1, 2022, or on the first billing cycle in the next full month after Commission approval, whichever is later.
- 4. Approve a DSM financial incentive of \$1,937,003 for Minnesota Power's 2021 CIP achievements, to be included in the Company's CIP tracker account no sooner than the issue date of the Commission's *Order* in the present docket;

Analyst assigned: Michael N. Zajicek

Page 9

- 5. Grant Minnesota Power a variance to Minnesota Rules part 7820.3500 (K) and a variance to Minnesota Rules part 7825.2600 until issuance of the Commission's *Order* establishing MP's 2021/2022 CPA;
- 6. Require Minnesota Power to submit a compliance filing, within 10 days of the issue date of the Order in the present docket, with revised tariff sheets reflecting the Commission's determinations in this matter.

Attachment A

The December 9, 2020, Order (December 9, 2020)

Docket No. E,G999/CI-08-133

- A. For electric utilities, the 2021 -2023 triennium plan is as follows:
 - 1) Authorize financial incentives for a utility that achieves energy savings of at least 1.0 percent of the utility's retail sales.
 - 2) For a utility that achieves energy savings equal to 1.0 percent of retail sales, award the utility a share of the net benefits as set forth in Attachment A.
 - 3) For each additional 0.1 percent of energy savings, the utility achieves, increase the net benefits awarded to the utility by an additional 0.75 percent until the utility achieves savings of 1.7 percent of retail sales.
 - 4) For savings levels of 1.7 percent and higher, award the utility a share of the net benefits equal to the Net Benefits Cap.
 - 5) Electric utilities may exceed the 30% CIP Expenditures Cap, up to a maximum of 35%, if they meet or exceed energy savings equaling 2% of retail sales.
- B. For Gas utilities, the 2021 -2023 triennium plan is as follows:
 - 1) Authorize financial incentives for a utility that achieves energy savings of at least
 - 2) 1.0 percent of the utility's retail sales.
 - 3) For a utility that achieves energy savings equal to 0.7 percent of retail sales, award the utility a share of the net benefits as set forth in Attachment A.
 - 4) For each additional 0.1 percent of energy savings, the utility achieves, increase the net benefits awarded to the utility by an additional 0.75 percent until the utility achieves savings of 1.2 percent of retail sales.
 - 5) For savings levels of 1.2 percent and higher, award the utility a share of the net benefits equal to the Net Benefits Cap.
 - 6) Gas utilities may exceed the 30% CIP Expenditures Cap, up to a maximum of 35%, if they meet or exceed energy savings equaling 1.2% of retail sales.
- C. For all utilities, set the following Net Benefit Caps:
 - 1) 13.5 percent in 2017,
 - 2) 12.0 percent in 2018,
 - 3) 10.0 percent in 2019, and
 - 4) 10.0 percent in 2020.
- D. For all utilities, set the following Conservation Improvement Plan (CIP) Expenditure Caps:
 - 1) 40 percent in 2017,
 - 2) 35 percent in 2018,
 - 3) 30 percent in 2019, and
 - 4) 30 percent in 2020.

The Commission retains certain provisions from the current Shared Savings DSM Financial Incentive Plan, with slight modifications, as follows:

- CIP-exempt customers shall not be allocated costs for the new shared savings incentive. Sales to CIP-exempt customers shall not be included in the calculation of utility energy savings goals.
- If a utility elects not to include a third-party CIP project, the utility cannot change its election until the beginning of subsequent years.
- If a utility elects to include a third-party project, the project's net benefits and savings will be included in the calculation of the energy savings and will count toward the 1.5 percent savings goal.
- The energy savings, cost, and benefits of modifications to non-third-party projects will be included in the calculation of a utility's DSM incentive.
- The costs of any mandated, non-third-party projects (e.g., the 2007 Next Generation Energy Act assessments, ⁹ University of Minnesota Initiative for Renewable Energy and the Environment costs ¹⁰) shall be excluded from the calculation of net benefits and energy savings achieved and incentive awarded.
- Costs, energy savings, and energy production related to Electric Utility Infrastructure Costs¹¹, solar installation¹² and biomethane purchases¹³ shall not be included in energy savings for DSM financial incentive purposes.
- The Commission requests that the Department continue a stakeholder process, under the current docket, to evaluate ways of improving the shared-savings mechanisms for potential adoption in the 2024–2026 triennium including, but not limited to, discussion of:
 - a. Incorporation of lifetime energy savings into the incentive mechanism,
 - b. Incorporation of an incentive for utilities that achieve permanent peak reductions through the shared-savings incentive mechanism,
 - c. Comparison of alternative mechanisms, along with the approved 2021-2023 CIP financial incentive mechanism, to each other and to how a similar-sized (in terms of cost) supply-side investment would be rewarded financially through the cost-of-service model, and
 - d. Energy efficiency opportunities to support increased load flexibility (the ability to persistently shape and shift load).

The new Shared Savings DSM Incentive Plan shall be in effect for 2021 - 2023.

¹¹ Minn. Stat. § 216B.1636

⁹ See 2007 Laws, art. 2

¹⁰ Id., § 3, subd. 6.

¹²Minn. Stat. § 216B.241, subd. 5a.

¹³*Id.*, subd. 5b.

Utilities may discontinue the annual February 1 compliance filing because a scale of net benefits will no longer be required since the Department's proposal sets percentages at certain savings thresholds and calibrates the mechanism to dollars per unit of energy.

Attachment B, Table 1:

Line No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Year	Achieved Energy Savings (kWh)	Demand Savings (kw)	CIP Expenditures	Net Benefits	DSM Financial Incentive	Carrying Charges	Year-End Tracker Balance	Normalized Retail Sales	Average cost per kWh Saved	Average cost per kWh Saved (including incentives)	Energy savings as a % of Normalized Retail Sales	Incentive as a % of CIP Expenditures	Incentive as a % of Net Benefits	Carrying Charges as a % of Expenditures	Year-End Tracker Balance as a % of Expenditures
2007	44,168,014	4,842	\$3,908,223	\$13,617,215	\$349,334	\$37,945	\$1,188,103	3,290,729,000	\$0.09	\$0.10	1.34%	9%	3%	1%	30%
2008	48,845,282	5,644	\$4,826,410	\$18,669,840	\$607,169	\$100,453	\$1,870,428	3,339,743,000	\$0.10	\$0.11	1.46%	13%	3%	2%	39%
2009	52,897,732	6,378	\$5,483,230	\$23,391,755	\$878,709	\$97,222	\$1,613,335	3,298,723,333	\$0.10	\$0.12	1.60%	16%	4%	2%	29%
2010	60,503,220	7,173	\$5,635,000	\$29,675,047	\$6,806,612	\$42,425	\$662,926	3,298,723,333	\$0.09	\$0.21	1.83%	121%	23%	1%	12%
2011	69,091,422	7,455	\$6,295,187	\$16,611,526	\$7,772,785	(\$62,643)	\$4,603,612	3,275,924,984	\$0.09	\$0.20	2.11%	123%	47%	1%	73%
2012	63,159,196	8,132	\$6,813,817	\$16,543,789	\$7,105,410	\$87,535	\$4,337,461	3,275,924,984	\$0.11	\$0.22	1.93%	104%	43%	1%	64%
2013	77,630,645	5,724	\$6,405,828	\$17,757,678	\$8,733,448	(\$55,657)	(\$495,816)	3,070,846,984	\$0.08	\$0.20	2.53%	136%	49%	1%	8%
2014	76,338,363	9,215	\$7,200,833	\$20,792,339	\$6,237,702	(\$157,343)	(\$1,116,332)	3,013,600,651	\$0.09	\$0.18	2.53%	87%	30%	2%	16%
2015	85,447,344	7,226	\$6,554,551	\$29,636,057	\$7,476,643	(\$210,949)	(\$2,649,748)	3,013,600,651	\$0.08	\$0.16	2.84%	114%	25%	3%	40%
2016	63,182,840	9,489	\$7,515,866	\$22,997,984	\$5,528,499	\$210,949	\$4,029,104	3,005,239,746	\$0.12	\$0.21	2.10%	74%	24%	3%	54%
2017	72,372,163	8,594	\$8,129,337	\$22,184,003	\$2,994,840	\$88,914	\$3,315,558	2,749,752,960	\$0.11	\$0.15	2.63%	37%	13%	1%	41%
2018	72,479,534	8,096	\$9,031,446	\$23,167,277	\$2,780,073	(\$13,336)	(\$1,519,260)	2,749,752,960	\$0.12	\$0.16	2.64%	31%	12%	0%	17%
2019	67,669,222	8,338	\$8,280,773	\$23,537,199	\$2,353,720	(\$192,344)	(\$5,384,063)	2,749,752,960	\$0.12	\$0.16	2.46%	28%	10%	2%	65%
2020	70,774,076	6,811	\$8,205,771	\$24,762,646	\$2,411,672	(\$136,551)	(\$380,310)	2,749,752,960	\$0.12	\$0.15	2.57%	29%	10%	2%	5%
2021	75,539,041	6,831	\$9,161,598	\$19,370,032	\$1,937,003	\$16,137	\$3,583,333	2,646,854,358	\$0.12	\$0.15	2.85%	21%	10%	0%	39%

CERTIFICATE OF SERVICE

I, Marcella Emeott, hereby certify that I have this day served copies of the following document on the attached list of persons by electronic filing, e-mail, or by depositing a true and correct copy thereof properly enveloped with postage paid in the United States Mail at St. Paul, Minnesota.

MINNESOTA DEPARTMENT OF COMMERCE COMMENTS

Docket No. E015/M-22-130

Dated this 19th day of May 2022.

/s/Marcella Emeott

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Tom	Balster	tombalster@alliantenergy.c om	Interstate Power & Light Company	PO Box 351 200 1st St SE Cedar Rapids, IA 524060351	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST
Lisa	Beckner	lbeckner@mnpower.com	Minnesota Power	30 W Superior St Duluth, MN 55802	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST
William	Black	bblack@mmua.org	MMUA	Suite 200 3131 Fernbrook Lane Plymouth, MN 55447	Electronic Service North	No	SPL_SLCIP SPECIAL SERVICE LIST
Christina	Brusven	cbrusven@fredlaw.com	Fredrikson Byron	200 S 6th St Ste 4000 Minneapolis, MN 554021425	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST
Charlie	Buck	charlie.buck@oracle.com	Oracle	760 Market St FL 4 San Francisco, CA 94102	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST
Ray	Choquette	rchoquette@agp.com	Ag Processing Inc.	12700 West Dodge Road PO Box 2047 Omaha, NE 68103-2047	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST
Generic Notice	Commerce Attorneys	commerce.attorneys@ag.st ate.mn.us	Office of the Attorney General-DOC	445 Minnesota Street Suite 1400 St. Paul, MN 55101	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST
George	Crocker	gwillc@nawo.org	North American Water Office	PO Box 174 Lake Elmo, MN 55042	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST
Patrick	Deal	pdeal@mnchamber.com	Minnesota Chamber of Commerce	400 Robert St N Ste 1500 Saint Paul, MN 55101	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST
Steve	Downer	sdowner@mmua.org	MMUA	3025 Harbor Ln N Ste 400 Plymouth, MN 554475142	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Charles	Drayton	charles.drayton@enbridge.com	Enbridge Energy Company, Inc.	7701 France Ave S Ste 600 Edina, MN 55435	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Jim	Erchul	jerchul@dbnhs.org	Daytons Bluff Neighborhood Housing Sv.	823 E 7th St St. Paul, MN 55106	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Greg	Ernst	gaernst@q.com	G. A. Ernst & Associates, Inc.	2377 Union Lake Trl Northfield, MN 55057	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Melissa S	Feine	melissa.feine@semcac.org	SEMCAC	PO Box 549 204 S Elm St Rushford, MN 55971	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Sharon	Ferguson	sharon.ferguson@state.mn .us	Department of Commerce	85 7th Place E Ste 280 Saint Paul, MN 551012198	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Karolanne	Foley	Karolanne.foley@dairyland power.com	Dairyland Power Cooperative	PO Box 817 La Crosse, WI 54602-0817	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Rob	Friend	rfriend@mnchamber.com	Minnesota Chamber of Commerce - MN Waste Wise Foundation	400 Robert St N Ste 1500 Saint Paul, MN 55101	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Jenny	Glumack	jenny@mrea.org	Minnesota Rural Electric Association	11640 73rd Ave N Maple Grove, MN 55369	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Angela E.	Gordon	agordon@trccompanies.co m	Lockheed Martin	1000 Clark Ave. St. Louis, MO 63102	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Pat	Green	N/A	N Energy Dev	City Hall 401 E 21st St Hibbing, MN 55746	Paper Service	No	SPL_SL_CIP SPECIAL SERVICE LIST

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Jason	Grenier	jgrenier@otpco.com	Otter Tail Power Company	215 South Cascade Street Fergus Falls, MN 56537	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Jeffrey	Haase	jhaase@grenergy.com	Great River Energy	12300 Elm Creek Blvd Maple Grove, MN 55369	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Tony	Hainault	anthony.hainault@co.henn epin.mn.us	Hennepin County DES	701 4th Ave S Ste 700 Minneapolis, MN 55415-1842	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Tyler	Hamman	tylerh@bepc.com	Basin Electric Power Cooperative	1717 E Interstate Ave Bismarck, ND 58501	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Patty	Hanson	phanson@rpu.org	Rochester Public Utilities	4000 E River Rd NE Rochester, MN 55906	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST
Norm	Harold	N/A	NKS Consulting	5591 E 180th St Prior Lake, MN 55372	Paper Service	No	SPL_SLCIP SPECIAL SERVICE LIST
Jared	Hendricks	jared.hendricks@owatonna utilities.com	Owatonna Municipal Public Utilities	PO Box 800 208 S Walnut Ave Owatonna, MN 55060-2940	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST
Joe	Hoffman	ja.hoffman@smmpa.org	SMMPA	500 First Ave SW Rochester, MN 55902-3303	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST
Dave	Johnson	dave.johnson@aeoa.org	Arrowhead Economic Opportunity Agency	702 3rd Ave S Virginia, MN 55792	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST
Deborah	Knoll	dknoll@mnpower.com	Minnesota Power	30 W Superior St Duluth, MN 55802	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Tina	Koecher	tkoecher@mnpower.com	Minnesota Power	30 W Superior St Duluth, MN 558022093	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Kelly	Lady	kellyl@austinutilities.com	Austin Utilities	400 4th St NE Austin, MN 55912	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Erica	Larson	erica.larson@centerpointen ergy.com	CenterPoint Energy	505 Nicollet Avenue P.O. Box 59038 Minneapolis, Minnesota 55459-0038	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Martin	Lepak	Martin.Lepak@aeoa.org	Arrowhead Economic Opportunity	702 S 3rd Ave Virginia, MN 55792	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Corey	Lubovich	coreyl@hpuc.com	Hibbing Public Utilities Commission	1902 6th Ave E Hibbing, MN 55746	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Pam	Marshall	pam@energycents.org	Energy CENTS Coalition	823 7th St E St. Paul, MN 55106	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Scot	McClure	scotmcclure@alliantenergy.com	Interstate Power And Light Company	4902 N Biltmore Ln PO Box 77007 Madison, WI 537071007	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST
John	McWilliams	John.McWilliams@Dairylan dPower.com	Dairyland Power Cooperative	3200 East Ave SPO Box 817 La Crosse, WI 54601-7227	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Brian	Meloy	brian.meloy@stinson.com	STINSON LLP	50 S 6th St Ste 2600 Minneapolis, MN 55402	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
David	Moeller	dmoeller@allete.com	Minnesota Power	30 W Superior St Duluth, MN 558022093	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Andrew	Moratzka	andrew.moratzka@stoel.co m	Stoel Rives LLP	33 South Sixth St Ste 4200 Minneapolis, MN 55402	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST
Carl	Nelson	cnelson@mncee.org	Center for Energy and Environment	212 3rd Ave N Ste 560 Minneapolis, MN 55401	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST
Samantha	Norris	samanthanorris@alliantene rgy.com	Interstate Power and Light Company	200 1st Street SE PO Box 351 Cedar Rapids, IA 524060351	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST
Audrey	Partridge	apartridge@mncee.org	Center for Energy and Environment	212 3rd Ave. N. Suite 560 Minneapolis, Minnesota 55401	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST
Lisa	Pickard	Iseverson@minnkota.com	Minnkota Power Cooperative	5301 32nd Ave S Grand Forks, ND 58201	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST
Bill	Poppert	info@technologycos.com	Technology North	2433 Highwood Ave St. Paul, MN 55119	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST
Dave	Reinke	dreinke@dakotaelectric.co m	Dakota Electric Association	4300 220th St W Farmington, MN 55024-9583	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST
Generic Notice	Residential Utilities Division	residential.utilities@ag.stat e.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012131	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST
Will	Seuffert	Will.Seuffert@state.mn.us	Public Utilities Commission	121 7th PI E Ste 350 Saint Paul, MN 55101	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST
Ken	Smith	ken.smith@districtenergy.c om	District Energy St. Paul Inc.	76 W Kellogg Blvd St. Paul, MN 55102	Electronic Service	No	SPL_SLCIP SPECIAL SERVICE LIST

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Anna	Sommer	ASommer@energyfuturesg roup.com	Energy Futures Group	PO Box 692 Canton, NY 13617	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Russ	Stark	Russ.Stark@ci.stpaul.mn.u s	City of St. Paul	390 City Hall 15 West Kellogg Boul Saint Paul, MN 55102	Electronic Service evard	No	SPL_SL_CIP SPECIAL SERVICE LIST
Lynnette	Sweet	Regulatory.records@xcele nergy.com	Xcel Energy	414 Nicollet Mall FL 7 Minneapolis, MN 554011993	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Kodi	Verhalen	kverhalen@taftlaw.com	Taft Stettinius & Hollister LLP	80 S 8th St Ste 2200 Minneapolis, MN 55402	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Michael	Volker	mvolker@eastriver.coop	East River Electric Power Coop	211 S. Harth Ave Madison, SD 57042	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Sharon N.	Walsh	swalsh@shakopeeutilities.c om	Shakopee Public Utilties	255 Sarazin St Shakopee, MN 55379	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Ethan	Warner	ethan.warner@centerpoint energy.com	CenterPoint Energy	505 Nicollet Mall Minneapolis, Minnesota 55402	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST
Robyn	Woeste	robynwoeste@alliantenerg y.com	Interstate Power and Light Company	200 First St SE Cedar Rapids, IA 52401	Electronic Service	No	SPL_SL_CIP SPECIAL SERVICE LIST

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Tom	Balster	tombalster@alliantenergy.c om	Interstate Power & Light Company	PO Box 351 200 1st St SE Cedar Rapids, IA 524060351	Electronic Service	No	OFF_SL_22-130_M-22-130
Lisa	Beckner	lbeckner@mnpower.com	Minnesota Power	30 W Superior St Duluth, MN 55802	Electronic Service	No	OFF_SL_22-130_M-22-130
Matthew	Brodin	mbrodin@allete.com	Minnesota Power Company	30 West Superior St Duluth, MN 55802	Electronic Service	No	OFF_SL_22-130_M-22-130
Christina	Brusven	cbrusven@fredlaw.com	Fredrikson Byron	200 S 6th St Ste 4000 Minneapolis, MN 554021425	Electronic Service	No	OFF_SL_22-130_M-22-130
Generic Notice	Commerce Attorneys	commerce.attorneys@ag.st ate.mn.us	Office of the Attorney General-DOC	445 Minnesota Street Suite 1400 St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_22-130_M-22-130
George	Crocker	gwillc@nawo.org	North American Water Office	PO Box 174 Lake Elmo, MN 55042	Electronic Service	No	OFF_SL_22-130_M-22-130
Steve	Downer	sdowner@mmua.org	MMUA	3025 Harbor Ln N Ste 400 Plymouth, MN 554475142	Electronic Service	No	OFF_SL_22-130_M-22-130
Jim	Erchul	jerchul@dbnhs.org	Daytons Bluff Neighborhood Housing Sv.	823 E 7th St St. Paul, MN 55106	Electronic Service	No	OFF_SL_22-130_M-22-130
Greg	Ernst	gaernst@q.com	G. A. Ernst & Associates, Inc.	2377 Union Lake Trl Northfield, MN 55057	Electronic Service	No	OFF_SL_22-130_M-22-130
Melissa S	Feine	melissa.feine@semcac.org	SEMCAC	PO Box 549 204 S Elm St Rushford, MN 55971	Electronic Service	No	OFF_SL_22-130_M-22-130

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Sharon	Ferguson	sharon.ferguson@state.mn .us	Department of Commerce	85 7th Place E Ste 280 Saint Paul, MN 551012198	Electronic Service	No	OFF_SL_22-130_M-22-130
Karolanne	Foley	Karolanne.foley@dairyland power.com	Dairyland Power Cooperative	PO Box 817 La Crosse, WI 54602-0817	Electronic Service	No	OFF_SL_22-130_M-22-130
Jenny	Glumack	jenny@mrea.org	Minnesota Rural Electric Association	11640 73rd Ave N Maple Grove, MN 55369	Electronic Service	No	OFF_SL_22-130_M-22-130
Pat	Green	N/A	N Energy Dev	City Hall 401 E 21st St Hibbing, MN 55746	Paper Service	No	OFF_SL_22-130_M-22-130
Jason	Grenier	jgrenier@otpco.com	Otter Tail Power Company	215 South Cascade Street Fergus Falls, MN 56537	Electronic Service	No	OFF_SL_22-130_M-22-130
Jeffrey	Haase	jhaase@grenergy.com	Great River Energy	12300 Elm Creek Blvd Maple Grove, MN 55369	Electronic Service	No	OFF_SL_22-130_M-22-130
Tyler	Hamman	tylerh@bepc.com	Basin Electric Power Cooperative	1717 E Interstate Ave Bismarck, ND 58501	Electronic Service	No	OFF_SL_22-130_M-22-130
Joe	Hoffman	ja.hoffman@smmpa.org	SMMPA	500 First Ave SW Rochester, MN 55902-3303	Electronic Service	No	OFF_SL_22-130_M-22-130
Lori	Hoyum	lhoyum@mnpower.com	Minnesota Power	30 West Superior Street Duluth, MN 55802	Electronic Service	No	OFF_SL_22-130_M-22-130
Dave	Johnson	dave.johnson@aeoa.org	Arrowhead Economic Opportunity Agency	702 3rd Ave S Virginia, MN 55792	Electronic Service	No	OFF_SL_22-130_M-22-130

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Tina	Koecher	tkoecher@mnpower.com	Minnesota Power	30 W Superior St Duluth, MN 558022093	Electronic Service	No	OFF_SL_22-130_M-22-130
Kelly	Lady	kellyl@austinutilities.com	Austin Utilities	400 4th St NE Austin, MN 55912	Electronic Service	No	OFF_SL_22-130_M-22-130
Martin	Lepak	Martin.Lepak@aeoa.org	Arrowhead Economic Opportunity	702 S 3rd Ave Virginia, MN 55792	Electronic Service	No	OFF_SL_22-130_M-22-130
Pam	Marshall	pam@energycents.org	Energy CENTS Coalition	823 7th St E St. Paul, MN 55106	Electronic Service	No	OFF_SL_22-130_M-22-130
John	McWilliams	John.McWilliams@Dairylan dPower.com	Dairyland Power Cooperative	3200 East Ave SPO Box 817 La Crosse, WI 54601-7227	Electronic Service	No	OFF_SL_22-130_M-22-130
Brian	Meloy	brian.meloy@stinson.com	STINSON LLP	50 S 6th St Ste 2600 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_22-130_M-22-130
David	Moeller	dmoeller@allete.com	Minnesota Power	30 W Superior St Duluth, MN 558022093	Electronic Service	No	OFF_SL_22-130_M-22-130
Carl	Nelson	cnelson@mncee.org	Center for Energy and Environment	212 3rd Ave N Ste 560 Minneapolis, MN 55401	Electronic Service	No	OFF_SL_22-130_M-22-130
Samantha	Norris	samanthanorris@alliantene rgy.com	Interstate Power and Light Company	200 1st Street SE PO Box 351 Cedar Rapids, IA 524060351	Electronic Service	No	OFF_SL_22-130_M-22-130

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Leah	Peterson	lpeterson@mnpower.com	Minnesota Power	30 West Superior St Duluth, MN 55802	Electronic Service	No	OFF_SL_22-130_M-22-130
Lisa	Pickard	Iseverson@minnkota.com	Minnkota Power Cooperative	5301 32nd Ave S Grand Forks, ND 58201	Electronic Service	No	OFF_SL_22-130_M-22-130
Dave	Reinke	dreinke@dakotaelectric.co m	Dakota Electric Association	4300 220th St W Farmington, MN 55024-9583	Electronic Service	No	OFF_SL_22-130_M-22-130
Generic Notice	Residential Utilities Division	residential.utilities@ag.stat e.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012131	Electronic Service	Yes	OFF_SL_22-130_M-22-130
Susan	Romans	sromans@allete.com	Minnesota Power	30 West Superior Street Legal Dept Duulth, MN 55802	Electronic Service	No	OFF_SL_22-130_M-22-130
Will	Seuffert	Will.Seuffert@state.mn.us	Public Utilities Commission	121 7th PI E Ste 350 Saint Paul, MN 55101	Electronic Service	Yes	OFF_SL_22-130_M-22-130
Ken	Smith	ken.smith@districtenergy.c om	District Energy St. Paul Inc.	76 W Kellogg Blvd St. Paul, MN 55102	Electronic Service	No	OFF_SL_22-130_M-22-130
Lynnette	Sweet	Regulatory.records@xcele nergy.com	Xcel Energy	414 Nicollet Mall FL 7 Minneapolis, MN 554011993	Electronic Service	No	OFF_SL_22-130_M-22-130
Michael	Volker	mvolker@eastriver.coop	East River Electric Power Coop	211 S. Harth Ave Madison, SD 57042	Electronic Service	No	OFF_SL_22-130_M-22-130
Robyn	Woeste	robynwoeste@alliantenerg y.com	Interstate Power and Light Company	200 First St SE Cedar Rapids, IA 52401	Electronic Service	No	OFF_SL_22-130_M-22-130