



414 Nicollet Mall
Minneapolis, MN 55401

September 5, 2025

—Via Electronic Filing—

Mike Bull
Acting Executive Secretary
Minnesota Public Utilities Commission
121 7th Place East, Suite 350
St. Paul, MN 55101

RE: COMMENTS
IN THE MATTER OF A PEAK TIME REBATE PROGRAM FOR NORTHERN STATES
POWER COMPANY D/B/A XCEL ENERGY TO FURTHER THE COMMISSION'S
ADVANCED RATE DESIGN EFFORTS IN DOCKET NO. E002/CI-24-115
DOCKET NO. E002/M-24-432

Dear Mr. Bull:

Northern States Power Company, doing business as Xcel Energy, submits the enclosed Comments in response to the August 11, 2025, NOTICE OF EXTENDED COMMENT PERIOD of the Minnesota Public Utilities Commission in the above-referenced docket.

We have electronically filed this document with the Minnesota Public Utilities Commission, and copies have been served on the parties on the attached service list. Please contact Kris Kohls at 612-216-8124 or Kris.Kohls@xcelenergy.com or contact me at Christopher.J.Shaw@xcelenergy.com if you have any questions regarding this filing.

Sincerely,

/s/

CHRISTOPHER SHAW
MANAGER, REGULATORY POLICY

Enclosures
cc: Service List

STATE OF MINNESOTA
BEFORE THE
MINNESOTA PUBLIC UTILITIES COMMISSION

Katie J. Sieben	Chair
Hwikwon Ham	Commissioner
Audrey C. Partridge	Commissioner
Joseph K. Sullivan	Commissioner
John A. Tuma	Commissioner

IN THE MATTER OF A PEAK TIME
REBATE PROGRAM FOR NORTHERN
STATES POWER COMPANY D/B/A XCEL
ENERGY TO FURTHER THE
COMMISSION'S ADVANCED RATE
DESIGN EFFORTS IN DOCKET NO.
E002/CI-24-115

DOCKET No. E002/M-24-432

COMMENTS

INTRODUCTION

Northern States Power Company, doing business as Xcel Energy, submits the enclosed Comments in response to the August 11, 2025, NOTICE OF EXTENDED COMMENT PERIOD of the Minnesota Public Utilities Commission in the above-referenced docket.

The Company continues to believe that the PTR program should be filed with the Department of Commerce (Department) as part of the Company's Energy Conservation and Optimization (ECO) Triennial and associated process as discussed in our March 17, 2025 Petition.¹ We offer these Initial Comments to provide proposal updates based on our finalized contract for vendor support, analyses provided on existing utility programs and response to the Commission's Notice.

I. Is Xcel's proposed PTR program design reasonable and in the public interest?

Yes. The PTR program design is reasonable and in the public interest. The design leverages industry best practices from 14 utilities across the country. Some of the key elements of the design include:

¹ [Petition, Peak Time Rebate Program, Public Utilities Commission, Docket No. E002/M-24-432, March 17, 2025.](#)

- **Opt-In vs. Opt-Out** – Nearly 80 percent of utilities have an Opt-In strategy. It should be noted, two of the three utilities that have an Opt-Out strategy (Delmarva Power and Pepco) offer the same program.
- **Rebate per kWh** – Half of the utilities offer \$1/kWh, which is what the Company proposes. A rebate of \$1.25/kWh was the second most common amount offered by four utilities. Other rebate models either paid out varying rebate levels or included an incentive for enrollment.
- **Eligibility Restrictions** – Most utilities who listed restrictions excluded enrollment in multiple DR programs and customers with net metering.

Our Petition was meant to provide context for a PTR program that could be proposed within the Company’s ECO Triennial. Once the procedural pathway and cost recovery was determined, the Company intended to gather additional information and further build out the program design before submitting to the Department as a replacement to our existing Behavioral Demand Response (BDR) program currently filed in our 2024-2026 ECO Triennial Plan.

We leveraged publicly accessible sources, including online research and ESource², a utilities-focused consulting, research and data science company, to research existing PTR programs for the program design. Although BDR programs are common in the utility industry, there are far fewer PTR programs. Attachment B of the Petition included a summary of 14 PTR programs. Our key design elements, including enrollment structure, eligibility, incentive level and payment method, control frequency and duration, and baseline methodology align with many of the peer utility programs and reflect common industry practices.

II. Are Xcel Energy’s Proposed Eligibility Rules Reasonable, Including the Proposal to Exclude Current Demand Response Program Participants

Yes, our proposed eligibility rules are reasonable. Of the PTR programs benchmarked, most utilities exclude demand response participants and customers with net metering (See Attachment B of the Petition) for reasons including:

- **Baseline and Measurement Complexity** – The PTR program is designed to reward customers for reducing electricity use during peak demand times. But net metered customers may have a low or negative net usage due to solar generation, making it hard to determine actual load relief. And participating in multiple demand response programs complicates the attribution of energy

² <https://www.esource.com/public/about-e-source>

savings between programs.

- **Double Compensation Risk** - Utility programs are typically designed to prevent stacking incentives. Including these customers in PTR could result in duplicate rewards for the same action and resulting energy reduction.

It is appropriate to exclude these customer groups to reduce the complexity of baseline calculations and ultimately reduce costs while preventing the duplication of savings across multiple programs.

A. Exclusion of Demand Response

The Company currently has 400,000 customers, representing approximately 60 percent of eligible residential customers, participating in Saver's Switch or AC*Rewards. This high saturation of DR participants presents a greater risk of duplicative savings and, therefore, we maintain participants in other DR programs should be excluded.

B. Exclusion of Net Metering Customers

Customers with net metering have opportunities to participate in the Company's other demand response programs including Saver's Switch or AC*Rewards. Those programs offer a flat incentive, which simplifies administration. In contrast, PTR incentives are calculated on a per kWh basis, making baseline calculations significantly more complex, which is why most utilities exclude net metering customers.

III. Is the Company's Proposed Budget Reasonable, including Third-Party Vendor Expenses?

Yes, the proposed budget is reasonable given recent changes. Cost estimates provided for PTR in the Petition were based on the cost to implement the current BDR program - Energy Action Days (EAD). We have since contracted with an implementation vendor for a variety of ECO programs including EAD (which will be used in the event the Company adjusts to a PTR program). Below we provide an updated budget based on these contractual obligations compared to our originally filed cost estimates. Because the RFP included multiple programs, we were able to negotiate a more advantageous agreement resulting in considerable cost savings. Rebate expenses have also been updated due to an adjustment in the annual estimated savings per customer, which is discussed below in Section V.

Table 1: Electric Budget

Budget Category	Filed 2026 Expenses	Updated 2026 Expenses
Vendor	\$800,000	\$440,000
Rebates	\$187,500	\$96,000
Technology Services	\$50,000	\$50,000
Administration	\$80,000	\$80,000
Marketing	\$20,000	\$20,000
Total	\$1,137,500	\$686,000

The selected third party will perform the following tasks on behalf of the EAD program:

Program Set Up: Establish system integration with the Company. This set up and integration is essential for the exchange of customer information, meter data and analytical results between the organizations. This set up will also include creating the model used in the data analytics phase to determine the baseline and calculate energy savings.

Creation of Communication Content: Design effective, tailored, meaningful communications to send to customers to make them aware of events taking place, assist them with ideas for how to participate in the event, and inform them about their performance during an event after the fact. This does not include recruitment marketing to potential customers, which the Company will manage. These tasks are for enrolled customers and include creating content for three specific types of communication:

- **Pre-season program awareness.** Get customers excited about participating in the program, prepare them for upcoming event days, and educate them on how to prepare their homes for participation.
- **Event day notification.** Clearly communicate with customers about the current event. Remind customers of specific actions they can take to best participate in the event.
- **Post-event day information.** Provide customers with their event day energy reduction information and year-to-date event energy reduction total. Remind customers to be ready for future events and how they can be as or more successful in reducing energy use. Encourage customers to stay engaged with the program and challenge them to meet or exceed their energy savings during future events to increase their annual rebate.

Customer preference management interface: Provide the Company access to an online portal to make changes to enrollment status for customers electing to opt out via direct engagement with Xcel Energy, supplementing the embedded email opt-out functionality.

Data Analytics and Performance Tracking: Monitor and analyze customer participation metrics and behavioral response efficacy in real time during an event. Provide statistics on emails sent, number of customers reached and not reached (i.e. bounce back emails), and number of customers who unenrolled in the program because of the event day notification.

Post-Event Program Performance and Impact Evaluation: Most of the cost associated with a third-party implementer result from the baseline consumption and data analysis necessary to determine per kWh savings. In its 2024 ECO Status Report, the Company provided a detailed analysis of savings estimates and a review of our current vendor for EAD.³ Using the customer's meter data and data collected during the performance tracking period of the event, calculate the following for each customer participating in the program:

- **Energy Baseline.** Pull historical data from each customer's meter to identify their energy use over the past ten days and determine an accurate baseline energy use value for that customer.
- **Energy Savings.** Using the energy baseline determined above, compare the customer's actual energy use during the event to their baseline use and determine the energy savings by subtracting the actual use from the baseline use.
- **Total Rebate.** Using the energy savings determined above and the length of the event, determine the total rebate to be paid to the customer.

IV. Is the Company's Proposed Customer Outreach and Communications Plan Reasonable?

The Company has not yet established a detailed customer outreach or communication plan, but the high-level recruitment plans outlined in the Petition and the vendor responsibilities for ongoing communication noted above are reasonable. Email is a cost-effective recruitment approach and is expected to be the primary channel of communication, targeting current EAD participants as well as other customer

³ [Compliance Report, In the Matter of 2024-2026 Energy Conservation and Optimization Triennial Plan, Docket No. G,E002/CIP-23-29, April 1, 2025](#)

segments likely to be receptive to this program. Messaging will emphasize the opportunity to earn rebates, manage bills and how to reduce a home's energy use during an event. We also plan to incorporate PTR-related information into broader communications focused on low-cost energy-savings strategies and online engagement. Upon approval, we will develop a comprehensive schedule outlining planned recruitment communications.

V. Is the Company's Cost-Effectiveness Assessment Reasonable?

Yes, our cost-effectiveness assessment is reasonable. The Company has assessed the PTR program following the approved Cost-effectiveness Methodology provided by the Department of Commerce for the 2024-2026 ECO Triennial process.⁴ The inputs to the cost effectiveness equation such as savings and budgets have been adjusted as part of these comments. As noted above, the Company has updated the budget with final numbers from a recently completed Request for Proposal (RFP).

As a reference point, in 2024, the Company reported average savings of 0.022 kW per EAD participant. Savings achievement as part of our 2024 ECO Status Report are reported as actual savings, so the 0.22 kW per EAD participant is from our third-party implementor and subsequently reviewed by another independent third party. This analysis can be found as part of the 2024 ECO Status Report in Appendix F.⁵

In addition, we have recently gathered energy savings reported by several of the 14 PTR programs referenced in our Petition to better understand the load relief we might expect from this program. The research included supplemental data from ESource and a review of publicly available program reports. Much of the information was dated, as few utilities appear to have called PTR events in 2023 or 2024. The analysis found our initial estimate of 0.625 kW per event was high when compared to similar programs. Load relief information for nine of the 14 utility programs reported savings per customer ranging from 0.05 kW to 0.47 kW. Individual results are summarized in Table 2 below.

⁴ [Decision, In the Matter of 2024-2026 CIP Cost-Effectiveness Methodologies for Electric and Gas Investor-Owned Utilities, \(March 31, 2023, Docket No. E,G999/CIP-23-46\).](#)

⁵ [Compliance Report, In the Matter of 2024-2026 Energy Conservation and Optimization Triennial Plan, Docket No. G,E002/CIP-23-29, April 1, 2025](#)

Table 2: Average Demand Response per Participant

Utility	kW
Ameren Illinois	0.10
BGE	0.14
ComEd	0.47
Consumers Energy	0.12
PG&E	0.17
Portland General Electric (PGE)	0.17
Puget Sound Energy	0.26
SDG&E	0.05
Southern California Edison (SCE)	0.37
Average	0.21

The wide range of savings reported across other utilities' programs can be attributed to several factors including: limited or no control events, customer enrollment in multiple demand response programs, seasonal timing of events, the year in which the study was conducted, varying weather conditions, baseline methodology, etc.

Given this new information, the Company proposes to reduce its initially proposed energy savings estimate of 0.625 kW to 0.32 kW per event. While the average reported savings per participant from the data provided by other utilities was 0.21 kW, we selected a slightly above-average savings value to reflect the unique parameters of our proposal. Specifically, our approach excludes dual participation in demand response programs, which can reduce the energy savings attributed to PTR in certain utility programs. Additionally, our proposal emphasizes summer peak energy savings, whereas other utilities may report savings across the entire year, contributing to a lower average savings benchmark. As a result, the Company updated the estimated rebate budget above in Table 1.

The updated cost benefit analysis, included as Attachment A, does not pass the Minnesota test, but it is at a break-even point on the Societal test. The Company would like to note that if this program is filed as part of ECO under the Company's demand response segment, it would not notably affect the segment level cost effectiveness. As per the Deputy Commissioner's December 1, 2023, decision on the Triennial Plan, cost effectiveness is evaluated at the segment level. To illustrate this the Company has provided the expected segment level CBA for 2026 that replaces EAD with PTR results as Attachment B.

VI. Should the Commission consider recent increases in the Midcontinent Independent System Operator (MISO) capacity auction clearing prices when assessing the cost-effectiveness assessment?

No, the Commission should not consider increases for MISO capacity since the PTR program is not intended to be utilized at that level. PTR is a behavioral demand response (BDR) program with characteristics that do not align with this type of assessment. In particular, this program has:

- **Voluntary Participation:** The programs are dependent upon individuals choosing to respond.
- **Inconsistent Behavior:** Customers will respond widely based on time of day, weather, personal schedules and awareness of an event.
- **Limited Impact:** Behavioral change often results in small incremental reduction in energy use.
- **Measurement Challenges:** It can be difficult to measure and verify the impact of behavioral programs, and these measurements need to be tested overtime within a program.

As a result, these reductions are significantly variable and need to be tested for consistency and verification of actual savings.

Given these factors, the Company does not register its existing BDR program (EAD) with MISO and we do not anticipate registering PTR in the short-term. MISO is adjusting their future requirements for demand response resources, which are not conducive to a BDR program. Without reliability, there is a significant risk of being penalized.

VII. Should the Commission require any modifications to the program to increase the scale and/or equity of system benefits that can be delivered?

No. While we are open to recommendations about how to tailor the program to the existing system benefits, this would be inconsistent with the approved Cost-effectiveness Methodology provided by the Department of Commerce for the 2024-2026 ECO Triennial process.⁶ Provided this program is intended to live in the ECO portfolio and programs should typically be treated similarly, it would be appropriate to utilize these currently approved methodologies.

⁶ [Decision, In the Matter of 2024-2026 CIP Cost-Effectiveness Methodologies for Electric and Gas Investor-Owned Utilities, \(March 31, 2023, Docket No. E,G999/CIP-23-46\).](#)

VIII. Are there program design, implementation, and evaluation elements that have proven successful in similar programs, such as Connexus’s Peak Time Rebate program, that the Commission should direct Xcel to incorporate?

No. As described above; the Company’s proposal leveraged key design elements commonly found in the 14 PTR programs implemented by utilities across the country—including Connexus’s Peak Time Rebate Program. The Company does not think there are additional elements from other programs that should be incorporated into this proposal.

IX. What Reporting should the Commission require the Company to Provide, and on what Cadence?

If included in the Company’s ECO portfolio, we anticipate tracking participation, spend, energy and demand savings, cost effectiveness, along with an overview of the program's activity as part of the annual Status Report filed on April 1 of each year.

X. Should the Commission require an assessment of the program’s performance and scaling opportunities after a certain duration?

As described in our Petition, the Company intends to conduct an evaluation of the program after establishing sufficient participation and experience with the program to provide valuable feedback on potential program improvements or enhancements and verify program achievement. The results of those findings will be included as part of an ECO Status Report.

XI. What method of cost recovery is allowable and appropriate for program costs, if approved? For example, should the Commission authorize the Company to seek future cost recovery through Xcel’s ECO Portfolio, or direct the Company to use an alternate cost recovery method?

The Company has a long history of providing DR program offerings through ECO and PTR fits squarely among those offerings. Program costs can be recovered under the CIP Rider as part of the CIP Adjustment Factor process.⁷ The ECO framework is an efficient and practical vehicle to implement and recover costs for a PTR program.

⁷ [Compliance Report, In the Matter of 2024-2026 Energy Conservation and Optimization Triennial Plan, Docket No. G,E002/CIP-23-29, April 1, 2025.](#)

XII. Is there direction the Commission could provide to Xcel regarding other programs, whether existing or future, that may qualify for ECO and require substantive Commission review and/or tariff?

We look forward to further input on this matter.

XIII. Are there other issues or concerns related to this matter?

The Company has no further concerns or issues to address.

CONCLUSION

The Company appreciates the opportunity to provide further details and clarification on our proposed PTR program and looks forward to further stakeholder comments.

Dated: September 5, 2025

Northern States Power Company

PEAK TIME REBATES		DSM TOTAL				2026	GOAL
2026 Net Present Cost Benefit Summary Analysis For All Participants Benefits (Positive Values) Costs (Negative Values)							
	Participant Test (\$Total)	Utility Test (\$Total)	Electric Rate Impact Test (\$Total)	Gas Rate Impact Test (\$Total)	Societal Test (\$Total)	Minnesota Test (\$Total)	
Electric System Impacts							
Generation Capacity	N/A	570,866	570,866	N/A	570,866	570,866	
Transmission and Distribution Capacity	N/A	0	0	N/A	0	0	
Energy Generation	N/A	6,356	6,356	N/A	6,356	6,356	
Market Effects and Ancillary Services	N/A	11,544	11,544	N/A	11,544	11,544	
Subtotal	N/A	588,766	588,766	N/A	588,766	588,766	
Gas System Impacts							
Commodity Cost	N/A	0	N/A	0	0	0	
Variable O&M	N/A	0	N/A	0	0	0	
Demand	N/A	0	N/A	0	0	0	
Environmental Compliance	N/A	0	N/A	0	0	0	
Subtotal	N/A	0	N/A	0	0	0	
Environmental Externalities and Non-Energy Impacts							
Electric Environmental Externalities	N/A	N/A	N/A	N/A	1,431	1,431	
Gas Environmental Externalities	N/A	N/A	N/A	N/A	0	0	
Other Fuels Environmental Externalities	N/A	N/A	N/A	N/A	0	0	
Electric Non-Energy Benefits	0	N/A	N/A	N/A	0	0	
Gas Non-Energy Benefits	0	N/A	N/A	N/A	0	0	
Other Fuels Benefits	0	N/A	N/A	N/A	0	0	
Utility Performance Incentives	N/A	0	0	0	0	0	
Utility Non-Energy Benefits	N/A	0	0	0	0	0	
Subtotal	0	0	0	0	1,431	1,431	
Participant Impacts							
Electric Bill	16,147	N/A	(16,147)	N/A	N/A	N/A	
Gas Bill	0	N/A	N/A	0	N/A	N/A	
Participant Rebates and Incentives	0	N/A	N/A	N/A	96,000	N/A	
Incremental Capital	0	N/A	N/A	N/A	0	N/A	
Incremental O&M	0	N/A	N/A	N/A	0	N/A	
Subtotal	16,147	N/A	(16,147)	0	96,000	N/A	
Utility Impacts							
Utility Project Costs							
Customer Services	N/A	0	0	0	0	0	
Utility Administration	N/A	(490,000)	(490,000)	0	(490,000)	(490,000)	
Advertising & Promotion	N/A	(100,000)	(100,000)	0	(100,000)	(100,000)	
Measurement & Verification	N/A	0	0	0	0	0	
Rebates	N/A	(96,000)	(96,000)	0	(96,000)	(96,000)	
Other	N/A	0	0	0	0	0	
Subtotal	N/A	(686,000)	(686,000)	0	(686,000)	(686,000)	
Benefits	16,147	588,766	588,766	0	686,197	590,197	
Costs	0	(686,000)	(702,147)	0	(686,000)	(686,000)	
Net Benefit (Cost)	16,147	(97,234)	(113,381)	0	197	(95,803)	
Benefit/Cost Ratio	INF	0.86	0.84	INF	1.00	0.86	

Note: Dollar values represent present value of impacts accumulated over the lifetime of the measures.

Energy Efficiency Impacts

Lifetime (Weighted on Generator kWh)	1.0 years
Lifetime (Weighted on Dth)	0.0 years
T & D Loss Factor (Energy)	8.70%
T & D Loss Factor (Demand)	10.56%
System Coincident kW Saved at Generator	5,307 kW
Annual kWh Saved at Customer	96,000 kWh
Annual kWh Saved at Generator	104,352 kWh
Annual Dth Saved	0 Dth
Electric Participants	0
Gas Participants	0

Beneficial Electrification Impacts

Lifetime (Weighted on Generator kWh)	0.0 years
Lifetime (Weighted on Dth)	0.0 years
T & D Loss Factor (Energy)	0.00%
T & D Loss Factor (Demand)	0.00%
System Coincident kW Saved at Generator	0.00 kW
Annual kWh Saved at Customer	0 kWh
Annual kWh Saved at Generator	0 kWh
Annual Dth Saved	0 Dth
Electric Participants	0
Gas Participants	0

First year Carbon Emissions Reductions

Electric Energy Efficiency	27 tons CO2
Gas Energy Efficiency	0 tons CO2
Electric Electrification	0 tons CO2
Gas Electrification	0 tons CO2
Other Fuel Electrification	0 tons CO2
TOTAL	27 tons CO2

Lifetime Carbon Emissions Reductions

Electric Energy Efficiency	27 tons CO2
Gas Energy Efficiency	0 tons CO2
Electric Electrification	0 tons CO2
Gas Electrification	0 tons CO2
Other Fuel Electrification	0 tons CO2
TOTAL	27 tons CO2

DEMAND RESPONSE SEGMENT TOTAL			DSM TOTAL			2026	GOAL
2026 Net Present Cost Benefit Summary Analysis For All Participants Benefits (Positive Values) Costs (Negative Values)							
	Participant Test (\$Total)	Utility Test (\$Total)	Electric Rate Impact Test (\$Total)	Gas Rate Impact Test (\$Total)	Societal Test (\$Total)	Minnesota Test (\$Total)	
Electric System Impacts							
Generation Capacity	N/A	43,516,632	43,516,632	N/A	47,246,676	47,246,676	
Transmission and Distribution Capacity	N/A	0	0	N/A	0	0	
Energy Generation	N/A	280,522	280,522	N/A	304,776	304,776	
Market Effects and Ancillary Services	N/A	875,943	875,943	N/A	951,029	951,029	
Subtotal	N/A	44,673,097	44,673,097	N/A	48,502,481	48,502,481	
Gas System Impacts							
Commodity Cost	N/A	50,031	N/A	50,031	54,592	54,592	
Variable O&M	N/A	431	N/A	431	470	470	
Demand	N/A	12,223	N/A	12,223	13,336	13,336	
Environmental Compliance	N/A	700	N/A	700	764	764	
Subtotal	N/A	63,386	N/A	63,386	69,162	69,162	
Environmental Externalities and Non-Energy Impacts							
Electric Environmental Externalities	N/A	N/A	N/A	N/A	52,789	52,789	
Gas Environmental Externalities	N/A	N/A	N/A	N/A	43,948	43,948	
Other Fuels Environmental Externalities	N/A	N/A	N/A	N/A	0	0	
Electric Non-Energy Benefits	0	N/A	N/A	N/A	0	0	
Gas Non-Energy Benefits	0	N/A	N/A	N/A	0	0	
Other Fuels Benefits	0	N/A	N/A	N/A	0	0	
Utility Performance Incentives	N/A	(25,545)	(21,960)	(3,585)	(25,545)	(25,545)	
Utility Non-Energy Benefits	N/A	0	0	0	0	0	
Subtotal	0	(25,545)	(21,960)	(3,585)	71,192	71,192	
Participant Impacts							
Electric Bill	11,555,904	N/A	(10,663,992)	N/A	N/A	N/A	
Gas Bill	77,400	N/A	N/A	(77,400)	N/A	N/A	
Participant Rebates and Incentives	3,775,612	N/A	N/A	N/A	3,871,612	N/A	
Incremental Capital	(796,764)	N/A	N/A	N/A	(796,764)	N/A	
Incremental O&M	0	N/A	N/A	N/A	0	N/A	
Subtotal	14,612,152	N/A	(10,663,992)	(77,400)	3,074,848	N/A	
Utility Impacts							
Utility Project Costs							
Customer Services	N/A	(97,000)	(97,000)	0	(97,000)	(97,000)	
Utility Administration	N/A	(14,396,221)	(14,368,221)	(28,000)	(14,396,221)	(14,396,221)	
Advertising & Promotion	N/A	(980,118)	(980,118)	0	(980,118)	(980,118)	
Measurement & Verification	N/A	(405,000)	(400,000)	(5,000)	(405,000)	(405,000)	
Rebates	N/A	(3,871,612)	(3,863,305)	(8,307)	(3,871,612)	(3,871,612)	
Other	N/A	(25,000)	(25,000)	0	(25,000)	(25,000)	
Subtotal	N/A	(19,774,950)	(19,733,644)	(41,307)	(19,774,950)	(19,774,950)	
Benefits	15,408,916	44,736,483	44,673,097	63,386	52,539,993	48,668,381	
Costs	(796,764)	(19,800,495)	(30,419,596)	(122,291)	(20,597,260)	(19,800,495)	
Net Benefit (Cost)	14,612,152	24,935,988	14,253,501	(58,906)	31,942,733	28,867,886	
Benefit/Cost Ratio	19.34	2.26	1.47	0.52	2.55	2.46	

Energy Efficiency Impacts	
Lifetime (Weighted on Generator kWh)	6.9 years
Lifetime (Weighted on Dth)	10.0 years
T & D Loss Factor (Energy)	7.46%
T & D Loss Factor (Demand)	9.35%
System Coincident kW Saved at Generator	129,280 kW
Annual kWh Saved at Customer	959,571 kWh
Annual kWh Saved at Generator	1,036,398 kWh
Annual Dth Saved	1,155 Dth
Electric Participants	827,950
Gas Participants	150

Beneficial Electrification Impacts	
Lifetime (Weighted on Generator kWh)	0.0 years
Lifetime (Weighted on Dth)	0.0 years
T & D Loss Factor (Energy)	0.00%
T & D Loss Factor (Demand)	0.00%
System Coincident kW Saved at Generator	0.00 kW
Annual kWh Saved at Customer	0 kWh
Annual kWh Saved at Generator	0 kWh
Annual Dth Saved	0 Dth
Electric Participants	0
Gas Participants	0

First year Carbon Emissions Reductions	
Electric Energy Efficiency	932 tons CO2
Gas Energy Efficiency	47 tons CO2
Electric Electrification	0 tons CO2
Gas Electrification	0 tons CO2
Other Fuel Electrification	0 tons CO2
TOTAL	979 tons CO2

Lifetime Carbon Emissions Reductions	
Electric Energy Efficiency	1,460 tons CO2
Gas Energy Efficiency	842 tons CO2
Electric Electrification	0 tons CO2
Gas Electrification	0 tons CO2
Other Fuel Electrification	0 tons CO2
TOTAL	2,303 tons CO2

CERTIFICATE OF SERVICE

I, Victor Barreiro, hereby certify that I have this day served copies of the foregoing document on the attached list of persons.

xx by depositing a true and correct copy thereof, properly enveloped with postage paid in the United States mail at Minneapolis, Minnesota

xx electronic filing

DOCKET No. E002/M-24-432

Dated this 5th day of September 2025

/s/

Victor Barreiro
Regulatory Administrator

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
1	Leland P.	Abide	leland.abide@kutakrock.com	Kutak Rock LLP		60 S 6th St Ste 3400 Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
2	Karen	Achberger	krach@stolaf.edu			101 Saint Olaf Ave Unit 414 Northfield MN, 55057 United States	Electronic Service		No	Official 24-432
3	Kevin	Adams	kadams@caprw.org	Community Action Partnership of Ramsey & Washington Counties		450 Syndicate St N Ste 35 Saint Paul MN, 55104 United States	Electronic Service		No	Official 24-432
4	Michael	Ahern	ahern.michael@dorsey.com	Dorsey & Whitney, LLP		50 S 6th St Ste 1500 Minneapolis MN, 55402-1498 United States	Electronic Service		No	Official 24-432
5	Michael	Allen	michael.allen@allenergysolar.com	All Energy Solar		721 W 26th st Suite 211 Minneapolis MN, 55405 United States	Electronic Service		No	Official 24-432
6	Michael	Alvarez	michael.alvarez@longroadenergy.com	Community Wind North, LLC		c/o Longroad Development Company, LLC 330 Congress Street, 6th Fl Boston MA, 02210 United States	Electronic Service		No	Official 24-432
7	Gary	Ambach	gambach@slipstreaminc.org	Slipstream, Inc.		8973 SW Village Loop Chanhassen MN, 55317 United States	Electronic Service		No	Official 24-432
8	Ellen	Anderson	ellena@umn.edu	325 Learning and Environmental Sciences		1954 Buford Ave Saint Paul MN, 55108 United States	Electronic Service		No	Official 24-432
9	Jay	Anderson	jaya@cmpas.org	CMPAS		7550 Corporate Way Suite 100 Eden Prairie MN, 55344 United States	Electronic Service		No	Official 24-432
10	Kristine	Anderson	kanderson@greatermngas.com	Greater Minnesota Gas, Inc.		1900 Cardinal Lane PO Box 798 Faribault MN, 55021 United States	Electronic Service		No	Official 24-432
11	MK	Anderson	anderson@fresh-energy.org	Fresh Energy		408 St Peter Street Saint Paul MN, 55102 United States	Electronic Service		No	Official 24-432
12	Susan	Arntz	sarntz@mankatomn.gov	City Of Mankato		P.O. Box 3368 Mankato MN, 56002-3368 United States	Electronic Service		No	Official 24-432
13	Mara	Ascherman	mara.k.ascherman@xcelenergy.com	Xcel Energy		414 Nicollet Mall Fl 5 Minneapolis MN, 55401 United States	Electronic Service		No	Official 24-432

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
14	Thomas	Ashley	tom@greenlots.com	Greenlots		null null, null United States	Electronic Service		No	Official 24-432
15	Donna	Attanasio	dattanasio@gwu.edu	George Washington University		2000 H Street NW Washington DC, 20052 United States	Electronic Service		No	Official 24-432
16	Kevin	Auerbacher	kauerbacher@tesla.com	Tesla, Inc.		1050 K Street NW, Suite 101 Washington DC, 20001 United States	Electronic Service		No	Official 24-432
17	John	Bailey	bailey@ilsr.org	Institute For Local Self-Reliance		1313 5th St SE Ste 303 Minneapolis MN, 55414 United States	Electronic Service		No	Official 24-432
18	Anjali	Bains	bains@fresh-energy.org	Fresh Energy		408 Saint Peter Ste 220 Saint Paul MN, 55102 United States	Electronic Service		No	Official 24-432
19	Mark	Bakk	mbakk@lcp.coop	Lake Country Power		26039 Bear Ridge Drive Cohasset MN, 55721 United States	Electronic Service		No	Official 24-432
20	Gail	Baranko	gail.baranko@xcelenergy.com	Xcel Energy		414 Nicollet Mall 7th Floor Minneapolis MN, 55401 United States	Electronic Service		No	Official 24-432
21	Max	Baumhefner	mbaumhefner@nrdc.org	Natural Resources Defense Council		111 Sutter St 21st Fl San Francisco CA, 94104 United States	Electronic Service		No	Official 24-432
22	Jessica L	Bayles	jessica.bayles@stoel.com	Stoel Rives LLP		1150 18th St NW Ste 325 Washington DC, 20036 United States	Electronic Service		No	Official 24-432
23	Mathias	Bell	mathias@weavegrid.com	WeaveGrid		375 Alabama Street, Suite 325 San Francisco CA, 94110 United States	Electronic Service		No	Official 24-432
24	David	Bender	dbender@earthjustice.org	Earthjustice		1001 G Street NW Suite 1000 Washington DC, 20001 United States	Electronic Service		No	Official 24-432
25	Derek	Bertsch	derek.bertsch@mrenergy.com	Missouri River Energy Services		3724 West Avera Drive PO Box 88920 Sioux Falls SD, 57109-8920 United States	Electronic Service		No	Official 24-432
26	Laura	Bishop	laura.bishop@state.mn.us		Minnesota Pollution Control Agency	520 Lafayette Rd Saint Paul MN, 55155 United States	Electronic Service		No	Official 24-432
27	Ingrid	Bjorklund	ingrid@bjorklundlaw.com	Bjorklund Law, PLLC		855 Village Center Drive #256 North Oaks MN, 55127 United States	Electronic Service		No	Official 24-432
28	William	Black	wblack@mmua.org	MMUA		Suite 200 3131	Electronic Service		No	Official 24-432

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						Fernbrook Lane North Plymouth MN, 55447 United States				
29	Zoe	Bourgerie	zoe.bourgerie@minneapolismn.gov	Minneapolis City of Lakes		350 S 5th St Rm 307 Minneapolis MN, 55415 United States	Electronic Service		No	Official 24-432
30	Kenneth	Bradley	kbradley@environmentminnesota.org			2837 Emerson Ave S Apt CW112 Minneapolis MN, 55408 United States	Electronic Service		No	Official 24-432
31	Elizabeth	Brama	ebrama@taftlaw.com	Taft Stettinius & Hollister LLP		2200 IDS Center 80 South 8th Street Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
32	Jon	Brekke	jbrekke@grenergy.com	Great River Energy		12300 Elm Creek Boulevard Maple Grove MN, 55369-4718 United States	Electronic Service		No	Official 24-432
33	Sydney R.	Briggs	sbriggs@swce.coop	Steele-Waseca Cooperative Electric		2411 W. Bridge St PO Box 485 Owatonna MN, 55060-0485 United States	Electronic Service		No	Official 24-432
34	Mark B.	Bring	mbring@otpc.com	Otter Tail Power Company		215 South Cascade Street PO Box 496 Fergus Falls MN, 56538-0496 United States	Electronic Service		No	Official 24-432
35	Matthew	Brodin	mbrodin@allete.com	Minnesota Power		30 West Superior Street Duluth MN, 55802 United States	Electronic Service		No	Official 24-432
36	Janet	Brown	jab5100@gmail.com	Sabathani Community Center (Sabathani/SCC)		310 E 38th St Ste 200 Minneapolis MN, 55409 United States	Electronic Service		No	Official 24-432
37	Christina	Brusven	cbrusven@fredlaw.com	Fredrikson Byron		60 S 6th St Ste 1500 Minneapolis MN, 55402-4400 United States	Electronic Service		No	Official 24-432
38	Mike	Bull	mike.bull@state.mn.us		Public Utilities Commission	121 7th Place East, Suite 350 St. Paul MN, 55101 United States	Electronic Service		Yes	Official 24-432
39	James	Canaday	james.canaday@ag.state.mn.us		Office of the Attorney General - Residential Utilities Division	Suite 1400 445 Minnesota St. St. Paul MN, 55101 United States	Electronic Service		Yes	Official 24-432
40	Thomas	Carlson	thomas.carlson@edf-re.com	EDF Renewable Energy		10 2nd St NE Ste. 400 Minneapolis	Electronic Service		No	Official 24-432

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						MN, 55413 United States				
41	Douglas M.	Carnival	dcarnival@carnivalberns.com	McGrann Shea Carnival Straughn & Lamb		800 Nicollet Mall Ste 2600 Minneapolis MN, 55402- 7035 United States	Electronic Service		No	Official 24-432
42	Gabriel	Chan	gabechan@umn.edu			130 Hubert H. Humphrey Center 301 19th Ave S Minneapolis MN, 55455 United States	Electronic Service		No	Official 24-432
43	Cody	Chilson	cchilson@greatermngas.com	Greater Minnesota Gas, Inc. & Greater MN Transmission, LLC		1900 Cardinal Ln PO Box 798 Faribault MN, 55021 United States	Electronic Service		No	Official 24-432
44	Ray	Choquette	rchoquette@agp.com	Ag Processing Inc.		12700 West Dodge Road PO Box 2047 Omaha NE, 68103-2047 United States	Electronic Service		No	Official 24-432
45	John	Coffman	john@johncoffman.net	AARP		871 Tuxedo Blvd. St, Louis MO, 63119-2044 United States	Electronic Service		No	Official 24-432
46	Kenneth A.	Colburn	kcolburn@symbioticstrategies.com	Symbiotic Strategies, LLC		26 Winton Road Meredith NH, 32535413 United States	Electronic Service		No	Official 24-432
47	Brent	Coleman	blc@dvclaw.com	Electrify America, LLC		1750 SW Harbor Way Suite 450 Portland OR, 97201 United States	Electronic Service		No	Official 24-432
48	Generic	Commerce Attorneys	commerce.attorneys@ag.state.mn.us		Office of the Attorney General - Department of Commerce	445 Minnesota Street Suite 1400 St. Paul MN, 55101 United States	Electronic Service		Yes	Official 24-432
49	Erin	Conti	erin.conti@ag.state.mn.us		Office of the Attorney General - Residential Utilities Division	445 Minnesota Street, Suite 1400 St. Paul MN, 55101 United States	Electronic Service		Yes	Official 24-432
50	Grace	Corbin	g.corbin@mpls-synod.org	Eco-Faith Network		122 W Franklin Ave Ste 600 Minneapolis MN, 55404 United States	Electronic Service		No	Official 24-432
51	Hillary	Creurer	hcreurer@allete.com	Minnesota Power		30 W Superior St Duluth MN, 55802 United States	Electronic Service		No	Official 24-432
52	George	Crocker	gwillc@nawo.org	North American Water Office		5093 Keats Avenue Lake Elmo MN, 55042 United States	Electronic Service		No	Official 24-432
53	Leigh	Currie	lcurrie@mncenter.org	Minnesota Center for		1919 University Ave	Electronic Service		No	Official 24-432

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
				Environmental Advocacy		W Ste 515 St. Paul MN, 55104 United States				
54	Lauren	Davis	lauren.davis@atlaspolicy.com	Atlas Public Policy		515 Q Street NW Unit 2 Washington DC, 20001 United States	Electronic Service		No	Official 24-432
55	Matthew	Deal	matthew.deal@chargepoint.com	ChargePoint, Inc.		254 Hacienda Ave Campbell CA, 95008 United States	Electronic Service		No	Official 24-432
56	Timothy	DenHerder Thomas	timothy@cooperativeenergyfutures.com	Cooperative Energy Futures		3500 Bloomington Ave. S Minneapolis MN, 55407 United States	Electronic Service		No	Official 24-432
57	James	Denniston	james.r.denniston@xcelenergy.com	Xcel Energy Services, Inc.		414 Nicollet Mall, 401-8 Minneapolis MN, 55401 United States	Electronic Service		No	Official 24-432
58	Carrie	Desmond	carrie.desmond@metrotransit.org	Metropolitan Council		560 6th Avenue North Minneapolis MN, 55411 United States	Electronic Service		No	Official 24-432
59	Curt	Dieren	curt.dieren@dgr.com	L&O Power Cooperative		1302 S Union St Rock Rapids IA, 51246 United States	Electronic Service		No	Official 24-432
60	Ian M.	Dobson	ian.m.dobson@xcelenergy.com	Xcel Energy		414 Nicollet Mall, 401-8 Minneapolis MN, 55401 United States	Electronic Service		No	Official 24-432
61	Bridget	Dockter	bridget.dockter@xcelenergy.com			null null, null United States	Electronic Service		No	Official 24-432
62	Richard	Dornfeld	richard.dornfeld@ag.state.mn.us		Office of the Attorney General - Department of Commerce	Minnesota Attorney General's Office 445 Minnesota Street, Suite 1800 Saint Paul MN, 55101 United States	Electronic Service		Yes	Official 24-432
63	Carlton	Doyle Fontaine	carlon.doyle.fontaine@senate.mn	MN Senate		75 Rev Dr Martin Luther King Jr Blvd Room G-17 St Paul MN, 55155 United States	Electronic Service		No	Official 24-432
64	J.	Drake Hamilton	hamilton@fresh-energy.org	Fresh Energy		408 St Peter St Ste 350 Saint Paul MN, 55101 United States	Electronic Service		No	Official 24-432
65	Michelle	Dreier	mdreier@electricalassociation.com			null null, null United States	Electronic Service		No	Official 24-432
66	Christopher	Droske	christopher.droske@minneapolismn.gov	Northern States Power Company dba Xcel Energy-Elec		661 5th Ave N Minneapolis MN, 55405 United States	Electronic Service		No	Official 24-432

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
67	Brian	Edstrom	briane@cubminnesota.org	Citizens Utility Board of Minnesota		332 Minnesota St Ste W1360 Saint Paul MN, 55101 United States	Electronic Service		No	Official 24-432
68	William	Ehrlich	wehrlich@tesla.com	Tesla, Inc.		3500 Deer Creek Rd Palo Alto CA, 94304 United States	Electronic Service		No	Official 24-432
69	Kristen	Eide Tollefson	healingsystems69@gmail.com	R-CURE		28477 N Lake Ave Frontenac MN, 55026-1044 United States	Electronic Service		No	Official 24-432
70	Rebecca	Eilers	rebecca.d.eilers@xcelenergy.com	Xcel Energy		414 Nicollet Mall - 401 7th Floor Minneapolis MN, 55401 United States	Electronic Service		No	Official 24-432
71	Bob	Eleff	bob.eleff@house.mn	Regulated Industries Cmte		100 Rev Dr Martin Luther King Jr Blvd Room 600 St. Paul MN, 55155 United States	Electronic Service		No	Official 24-432
72	Ron	Elwood	relwood@mnlsap.org	Legal Services Advocacy Project		970 Raymond Avenue Suite G-40 Saint Paul MN, 55114 United States	Electronic Service		No	Official 24-432
73	John	Farrell	jfarrell@ilsr.org	Institute for Local Self-Reliance		2720 E. 22nd St Institute for Local Self-Reliance Minneapolis MN, 55406 United States	Electronic Service		No	Official 24-432
74	Eric	Fehlhaber	efehlhaber@dakotaelectric.com	Dakota Electric Association		4300 220th St W Farmington MN, 55024 United States	Electronic Service		No	Official 24-432
75	Sharon	Ferguson	sharon.ferguson@state.mn.us		Department of Commerce	85 7th Place E Ste 280 Saint Paul MN, 55101-2198 United States	Electronic Service		No	Official 24-432
76	Mike	Fiterman	mikefiterman@libertydiversified.com	Liberty Diversified International		5600 N Highway 169 Minneapolis MN, 55428-3096 United States	Electronic Service		No	Official 24-432
77	David A.	Fitzgerald	daf@dvclaw.com	Davison Van Cleve		2321 Fairview Ave E #3 Seattle WA, 98102 United States	Electronic Service		No	Official 24-432
78	Lucas	Franco	lfranco@liunagroc.com	LIUNA		81 Little Canada Rd E Little Canada MN, 55117 United States	Electronic Service		No	Official 24-432
79	Nathan	Franzen	nathan@nationalgridrenewables.com	Geronimo Energy, LLC		8400 Normandale Lake Blvd Ste 1200 Bloomington	Electronic Service		No	Official 24-432

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						MN, 55437 United States				
80	Daryll	Fuentes	energy@usg.com	USG Corporation		550 W Adams St Chicago IL, 60661 United States	Electronic Service		No	Official 24-432
81	James	Garness	james.r.garness@xcelenergy.com			null null, null United States	Electronic Service		No	Official 24-432
82	Patti	Gartland	pgartland@greaterstcloud.com	Greater St. Cloud Development Corp.		501 West St Germain St Ste 100 St. Cloud MN, 56301 United States	Electronic Service		No	Official 24-432
83	Edward	Garvey	garveyed@aol.com	Residence		32 Lawton St Saint Paul MN, 55102 United States	Electronic Service		No	Official 24-432
84	Allen	Gleckner	gleckner@fresh-energy.org	Fresh Energy		408 St. Peter Street Ste 350 Saint Paul MN, 55102 United States	Electronic Service		No	Official 24-432
85	Allen	Gleckner	agleckner@elpc.org	Environmental Law & Policy Center		35 E. Wacker Drive, Suite 1600 Suite 1600 Chicago IL, 60601 United States	Electronic Service		No	Official 24-432
86	Jenny	Glumack	jenny@mrea.org	Minnesota Rural Electric Association		11640 73rd Ave N Maple Grove MN, 55369 United States	Electronic Service		No	Official 24-432
87	Anita	Grace	anita@gracemulticultural.com	GRACE Multicultural		12959 196th LN NW Elk River MN, 55330 United States	Electronic Service		No	Official 24-432
88	Ryan	Granholm	ryan.granholm@afslaw.com	ArentFox Schiff LLP		233 S Wacker Dr. Ste. 7100 Chicago IL, 60647 United States	Electronic Service		No	Official 24-432
89	Todd J.	Guerrero	todd.guerrero@kutakrock.com	Kutak Rock LLP		Suite 1750 220 South Sixth Street Minneapolis MN, 55402-1425 United States	Electronic Service		No	Official 24-432
90	Natalie	Haberman	townsend@fresh-energy.org	Fresh Energy		408 St Peter St # 350 St. Paul MN, 55102 United States	Electronic Service		No	Official 24-432
91	Joe	Halso	joe.halso@sierraclub.org	Sierra Club		1536 Wynkoop St Ste 200 Denver CO, 80202 United States	Electronic Service		No	Official 24-432
92	Katherine	Hamilton	katherine@aem-alliance.org	Advanced Energy Management Alliance		1701 Rhode Island Ave, NW Washington DC, 20036 United States	Electronic Service		No	Official 24-432
93	Jason G.	Harp	jason.harp@afslaw.com	ArentFox Schiff LLP		233 S Wacker Dr Ste 7100	Electronic Service		No	Official 24-432

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						Chicago IL, 60606 United States				
94	Matthew B	Harris	matt.b.harris@xcelenergy.com	XCEL ENERGY		401 Nicollet Mall FL 8 Minneapolis MN, 55401 United States	Electronic Service		No	Official 24-432
95	Shubha	Harris	shubha.m.harris@xcelenergy.com	Xcel Energy		414 Nicollet Mall, 401 - FL 8 Minneapolis MN, 55401 United States	Electronic Service		No	Official 24-432
96	Erik	Hatlestad	erik@cureriver.org			117 1st St Montevideo MN, 56265 United States	Electronic Service		No	Official 24-432
97	Kim	Havey	kim.havey@minneapolismn.gov	City of Minneapolis		350 South 5th Street, Suite 315M Minneapolis MN, 55415 United States	Electronic Service		No	Official 24-432
98	Philip	Hayet	phayet@jkenn.com	J. Kennedy and Associates, Inc.		570 Colonial Park Drive Suite 305 Roswell GA, 30075-3770 United States	Electronic Service		No	Official 24-432
99	Todd	Headlee	theadlee@dvigridsolutions.com	Dominion Voltage, Inc.		701 E. Cary Street Richmond VA, 23219 United States	Electronic Service		No	Official 24-432
100	Amber	Hedlund	amber.r.hedlund@xcelenergy.com	Northern States Power Company dba Xcel Energy-Elec		414 Nicollet Mall, 401-7 Minneapolis MN, 55401 United States	Electronic Service		No	Official 24-432
101	Adam	Heinen	aheinen@dakotaelectric.com	Dakota Electric Association		4300 220th St W Farmington MN, 55024 United States	Electronic Service		No	Official 24-432
102	Annete	Henkel	mui@mnuutilityinvestors.org	Minnesota Utility Investors		413 Wacouta Street #230 St.Paul MN, 55101 United States	Electronic Service		No	Official 24-432
103	Jessy	Hennesy	jessy.hennesy@avantenergy.com	Avant Energy		220 S. Sixth St. Ste 1300 Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
104	Sandra	Henry	sandra.henry@elevatenp.org	Elevate		322 S Green St Ste 300 Chicago IL, 60607 United States	Electronic Service		No	Official 24-432
105	Katherine	Hinderlie	katherine.hinderlie@ag.state.mn.us		Office of the Attorney General - Residential Utilities Division	445 Minnesota St Suite 1400 St. Paul MN, 55101-2134 United States	Electronic Service		Yes	Official 24-432
106	Corey	Hintz	chintz@dakotaelectric.com	Dakota Electric Association		4300 220th Street Farmington MN, 55024- 9583 United States	Electronic Service		No	Official 24-432
107	Joe	Hoffman	ja.hoffman@smmpa.org	SMMPA		500 First Ave SW Rochester	Electronic Service		No	Official 24-432

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						MN, 55902-3303 United States				
108	Michael	Hoppe	lu23@ibew23.org	Local Union 23, I.B.E.W.		445 Etna Street Ste. 61 St. Paul MN, 55106 United States	Electronic Service		No	Official 24-432
109	MJ	Horner	mj.horner@xcelenergy.com			null null, null United States	Electronic Service		No	Official 24-432
110	Samantha	Houston	shouston@ucsusa.org	Union of Concerned Scientists		1825 K St. NW Ste 800 Washington DC, 20006 United States	Electronic Service		No	Official 24-432
111	Lori	Hoyum	lhoyum@mnpower.com	Minnesota Power		30 West Superior Street Duluth MN, 55802 United States	Electronic Service		No	Official 24-432
112	Jan	Hubbard	jan.hubbard@comcast.net			7730 Mississippi Lane Brooklyn Park MN, 55444 United States	Electronic Service		No	Official 24-432
113	Holmes	Hummel	holmes.hummel@cleanenergyworks.org	Clean Energy Works		925 French St NW Washington DC, 20001 United States	Electronic Service		No	Official 24-432
114	Geoffrey	Inge	ginge@regintl.com	Regulatory Intelligence LLC		PO Box 270636 Superior CO, 80027-9998 United States	Electronic Service		No	Official 24-432
115	Casey	Jacobson	cjacobson@bepc.com	Basin Electric Power Cooperative		1717 East Interstate Avenue Bismarck ND, 58501 United States	Electronic Service		No	Official 24-432
116	Travis	Jacobson	travis.jacobson@mdu.com	Great Plains Natural Gas Company		400 N 4th St Bismarck ND, 58501 United States	Electronic Service		No	Official 24-432
117	John S.	Jaffray	jjaffray@jrpowers.com	JJR Power		350 Highway 7 Suite 236 Excelsior MN, 55331 United States	Electronic Service		No	Official 24-432
118	Alan	Jenkins	aj@jenkinsatlaw.com	Jenkins at Law		2950 Yellowtail Ave. Marathon FL, 33050 United States	Electronic Service		No	Official 24-432
119	Andrea	Jenkins	andrea.jenkins@minneapolismn.gov	Minneapolis City of Lakes		350 S 5th St Room 307 Minneapolis MN, 55415 United States	Electronic Service		No	Official 24-432
120	Richard	Johnson	rick.johnson@lawmoss.com	Moss & Barnett		150 S. 5th Street Suite 1200 Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
121	Sarah	Johnson Phillips	sjphillips@stoel.com	Stoel Rives LLP		33 South Sixth Street Suite 4200 Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
122	Nate	Jones	njones@hcpd.com	Heartland Consumers Power		PO Box 248 Madison SD, 57042 United States	Electronic Service		No	Official 24-432
123	Philip	Jones	phil@philjonesconsulting.com	Alliance for Transportation Electrification		1402 3rd Ave Ste 1315 Seattle WA, 98101 United States	Electronic Service		No	Official 24-432
124	Brendan	Jordan	bjordan@gpsid.net	Great Plains Institute & Bioeconomy Coalition of MN		2801 21st Ave S Ste 220 Minneapolis MN, 55407 United States	Electronic Service		No	Official 24-432
125	Bina	Joshi	bina.joshi@afslaw.com	ArentFox Schiff LLP		233 S Wacker Dr Ste 7100 Chicago IL, 60606 United States	Electronic Service		No	Official 24-432
126	Dan	Juhl	in.another.account.info@juhlenergy.com	Juhl Energy Inc.		1502 17th St SE Pipestone MN, 56164 United States	Paper Service		No	Official 24-432
127	Mahmoud	Kabalan	mahmoud.kabalan@stthomas.edu	University of St Thomas		2115 Summit Ave. Mail OSS100 School of Engineering Saint Paul MN, 55105 United States	Electronic Service		No	Official 24-432
128	Michael	Kampmeyer	mkampmeyer@a-e-group.com	AEG Group, LLC		260 Salem Church Road Sunfish Lake MN, 55118 United States	Electronic Service		No	Official 24-432
129	Nick	Kaneski	nick.kaneski@enbridge.com	Enbridge Energy Company, Inc.		11 East Superior St Ste 125 Duluth MN, 55802 United States	Electronic Service		No	Official 24-432
130	Stacey	Karels	skarels@local563.org	Mankato Area Bldg & Construction Trades Council		310 McKinzie St Mankato MN, 56001 United States	Electronic Service		No	Official 24-432
131	William	Kenworthy	will@votesolar.org			1 South Dearborn St Ste 2000 Chicago IL, 60603 United States	Electronic Service		No	Official 24-432
132	Samuel B.	Ketchum	sketchum@kennedy-graven.com	Kennedy & Graven, Chartered		150 S 5th St Ste 700 Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
133	Chris	King	chris_king@siemens.com	Siemens		4000 E. Third Ave Suite 400 Foster City CA, 94404 United States	Electronic Service		No	Official 24-432
134	Frank	Kohlasch	frank.kohlasch@state.mn.us		Minnesota Pollution Control Agency	520 Lafayette Rd N. St. Paul MN, 55155 United States	Electronic Service		No	Official 24-432
135	Brian	Krambeer	bkrambeer@mienergy.coop	MiEnergy Cooperative		PO Box 626 31110 Cooperative Way Rushford MN,	Electronic Service		No	Official 24-432

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						55971 United States				
136	Michael	Krause	michaelkrause61@yahoo.com			1200 Plymouth Avenue Minneapolis MN, 55411 United States	Electronic Service		No	Official 24-432
137	Michael	Krikava	mkrikava@taftlaw.com	Taft Stettinius & Hollister LLP		2200 IDS Center 80 S 8th St Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
138	Nicolle	Kupser	nkupser@greatermngas.com	Greater Minnesota Gas, Inc.		1900 Cardinal Ln PO Box 798 Faribault MN, 55021 United States	Electronic Service		No	Official 24-432
139	Matthew	Lacey	mlacey@grenergy.com	Great River Energy		12300 Elm Creek Boulevard Maple Grove MN, 55369- 4718 United States	Electronic Service		No	Official 24-432
140	Mary	LaGarde	mlagarde@maicnet.org	Minneapolis American Indian Center		1530 E Franklin Ave Minneapolis MN, 55404 United States	Electronic Service		No	Official 24-432
141	Holly	Lahd	holly.lahd@target.com	Target Corporation		33 South 6th St CC-28662 Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
142	Carmel	Laney	carmel.laney@stoel.com	Stoel Rives LLP		33 South Sixth Street Suite 4200 Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
143	James D.	Larson	james.larson@avantenergy.com	Avant Energy Services		220 S 6th St Ste 1300 Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
144	Peder	Larson	plarson@larkinhoffman.com	Larkin Hoffman Daly & Lindgren, Ltd.		8300 Norman Center Drive Suite 1000 Bloomington MN, 55437 United States	Electronic Service		No	Official 24-432
145	Kevin	Lee	klee@bluegreenalliance.org	BlueGreen Alliance		2701 University Ave SE Ste. 209 Minneapolis MN, 55414 United States	Electronic Service		No	Official 24-432
146	Dean	Leischow	dean@sunrisenrg.com	Sunrise Energy Ventures		315 Manitoba Ave Ste 200 Wayzata MN, 55391 United States	Electronic Service		No	Official 24-432
147	Annie	Levenson Falk	annielf@cubminnesota.org	Citizens Utility Board of Minnesota		332 Minnesota Street, Suite W1360 St. Paul MN, 55101 United States	Electronic Service		No	Official 24-432
148	Ryan	Long	ryan.j.long@xcelenergy.com			414 Nicollet Mall 401 8th Floor	Electronic Service		No	Official 24-432

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						Minneapolis MN, 55401 United States				
149	Jason	Loos	jason.loos@centerpointenergy.com	CenterPoint Energy Resources Corp.		505 Nicollet Mall 3rd Floor Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
150	Susan	Ludwig	sludwig@mnpower.com	Minnesota Power		30 West Superior Street Duluth MN, 55802 United States	Electronic Service		No	Official 24-432
151	Alice	Madden	alice@communitypowermn.org	Community Power		2720 E 22nd St Minneapolis MN, 55406 United States	Electronic Service		No	Official 24-432
152	Kavita	Maini	kmaini@wi.rr.com	KM Energy Consulting, LLC		961 N Lost Woods Rd Oconomowoc WI, 53066 United States	Electronic Service		No	Official 24-432
153	Emily	Marshall	emarshall@jourismarshall.com	Miller O'Brien Jensen, PA		120 S. 6th Street Suite 2400 Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
154	Katherine	Marshall	katie.marshall@lawmoss.com	Moss & Barnett		150 S 5th St Ste 1200 Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
155	Mary	Martinka	mary.a.martinka@xcelenergy.com	Xcel Energy Inc		414 Nicollet Mall 7th Floor Minneapolis MN, 55401 United States	Electronic Service		No	Official 24-432
156	Gregg	Mast	gmast@cleanenergyeconomymn.org	Clean Energy Economy Minnesota		4808 10th Avenue S Minneapolis MN, 55417 United States	Electronic Service		No	Official 24-432
157	Daryl	Maxwell	dmaxwell@hydro.mb.ca	Manitoba Hydro		360 Portage Ave FL 16 PO Box 815, Station Main Winnipeg MB, R3C 2P4 Canada	Electronic Service		No	Official 24-432
158	Erica	McConnell	emcconnell@elpc.org	Environmental Law & Policy Center		35 E. Wacker Drive, Suite 1600 Chicago IL, 60601 United States	Electronic Service		No	Official 24-432
159	Lilly B.	McKenna	lilly.mckenna@stoel.com	Stoel Rives LLP		One Montgomery St Ste 3230 San Francisco CA, 94104 United States	Electronic Service		No	Official 24-432
160	Taylor	McNair	taylor@gridlab.org			668 Capp Street San Francisco CA, 94110 United States	Electronic Service		No	Official 24-432
161	Sally Anne	McShane	sally.anne.mcshane@state.mn.us		Public Utilities Commission	121 7th Place E Suite 350 St. Paul MN,	Electronic Service		Yes	Official 24-432

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						55101 United States				
162	Stephen	Melchionne	stephen.melchionne@ag.state.mn.us		Office of the Attorney General - Department of Commerce	445 Minnesota Street, Ste. 1400 St. Paul MN, 55101 United States	Electronic Service		Yes	Official 24-432
163	Thomas	Melone	thomas.melone@allcous.com	Minnesota Go Solar LLC		222 South 9th Street Suite 1600 Minneapolis MN, 55120 United States	Electronic Service		No	Official 24-432
164	Greg	Merz	greg.merz@ag.state.mn.us		Office of the Attorney General - Department of Commerce	445 Minnesota Street Suite 1400 St. Paul MN, 55101 United States	Electronic Service		Yes	Official 24-432
165	Peder	Mewis	pmewis@cleangridalliance.org	Clean Grid Alliance		570 Asbury St. St. Paul MN, 55104 United States	Electronic Service		No	Official 24-432
166	Joseph	Meyer	joseph.meyer@ag.state.mn.us		Office of the Attorney General - Residential Utilities Division	Bremer Tower, Suite 1400 445 Minnesota Street St Paul MN, 55101-2131 United States	Electronic Service		Yes	Official 24-432
167	Kevin	Miller	kevin.miller@chargepoint.com			254 E. Hacienda Avenue Campbell CA, 95008 United States	Electronic Service		No	Official 24-432
168	Stacy	Miller	stacy.miller@minneapolismn.gov	City of Minneapolis		350 S. 5th Street Room M 301 Minneapolis MN, 55415 United States	Electronic Service		No	Official 24-432
169	David	Moeller	dmoeller@allete.com	Minnesota Power			Electronic Service		No	Official 24-432
170	Marc	Monbouquette	marc.monbouquette@enel.com	Enel X North America, Inc.		846 Bransten Rd San Carlos CA, 94070 United States	Electronic Service		No	Official 24-432
171	Dalene	Monsebroten	dalene.monsebroten@nmpagency.com	Northern Municipal Power Agency		123 2nd St W Thief River Falls MN, 56701 United States	Electronic Service		No	Official 24-432
172	Andrew	Moratzka	andrew.moratzka@stoel.com	Stoel Rives LLP		33 South Sixth St Ste 4200 Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
173	Christa	Moseng	christa.moseng@state.mn.us		Office of Administrative Hearings	P.O. Box 64620 Saint Paul MN, 55164-0620 United States	Electronic Service		Yes	Official 24-432
174	Evan	Mulholland	emulholland@mncenter.org	Minnesota Center for Environmental Advocacy		1919 University Ave W Ste 515 Saint Paul	Electronic Service		No	Official 24-432

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						MN, 55101 United States				
175	Alan	Muller	alan@greendel.org	Energy & Environmental Consulting		1110 West Avenue Red Wing MN, 55066 United States	Electronic Service		No	Official 24-432
176	Kristin	Munsch	kmunsch@citizensutilityboard.org	Citizens Utility Board of Minnesota		309 W. Washington St. Ste. 800 Chicago IL, 60606 United States	Electronic Service		No	Official 24-432
177	Travis	Murray	travis.murray@ag.state.mn.us		Office of the Attorney General - Residential Utilities Division	445 Minnesota St Ste 1400 Saint Paul MN, 55101 United States	Electronic Service		Yes	Official 24-432
178	Amanda	Myers	amanda@weavegrid.com	Weave Grid, Inc.		222 7th Street 2nd Floor San Francisco CA, 94103 United States	Electronic Service		No	Official 24-432
179	Mark	Nabong	mnabong@nrdc.org	Natural Resources Defense Council		20 N. Wacker Drive #1600 Chicago IL, 60606 United States	Electronic Service		No	Official 24-432
180	Ben	Nelson	benn@cmpasgroup.org	CMPMA		459 South Grove Street Blue Earth MN, 56013 United States	Electronic Service		No	Official 24-432
181	Carl	Nelson	cnelson@mncee.org	Center for Energy and Environment		212 3rd Ave N Ste 560 Minneapolis MN, 55401 United States	Electronic Service		No	Official 24-432
182	David	Niles	david.niles@avantenergy.com	Minnesota Municipal Power Agency		220 South Sixth Street Suite 1300 Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
183	Sephra	Ninow	sephra.ninow@energycenter.org	Center for Sustainable Energy		426 17th Street, Suite 700 Oakland CA, 94612 United States	Electronic Service		No	Official 24-432
184	Michael	Noble	noble@fresh-energy.org	Fresh Energy		408 Saint Peter St Ste 350 Saint Paul MN, 55102 United States	Electronic Service		No	Official 24-432
185	Rolf	Nordstrom	rnordstrom@gpisd.net	Great Plains Institute		2801 21ST AVE S STE 220 Minneapolis MN, 55407-1229 United States	Electronic Service		No	Official 24-432
186	Samantha	Norris	samanthanorris@alliantenergy.com	Interstate Power and Light Company		200 1st Street SE PO Box 351 Cedar Rapids IA, 52406-0351 United States	Electronic Service		No	Official 24-432
187	Christian	Noyce	christian.noyce@state.mn.us		Public Utilities Commission	759 Hague Ave St Paul MN, 55104 United States	Electronic Service		Yes	Official 24-432

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
188	David	O'Brien	david.obrien@navigant.com	Navigant Consulting		77 South Bedford St Ste 400 Burlington MA, 01803 United States	Electronic Service		No	Official 24-432
189	M. William	O'Brien	bobrien@mojlaw.com	Miller O'Brien Jensen, P.A.		120 S 6th St Ste 2400 Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
190	Ric	O'Connell	ric@gridlab.org	GridLab		2120 University Ave Berkeley CA, 94704 United States	Electronic Service		No	Official 24-432
191	Jeff	O'Neill	jeff.oneill@ci.monticello.mn.us	City of Monticello		505 Walnut Street Suite 1 Monticello MN, 55362 United States	Electronic Service		No	Official 24-432
192	Matthew	Olsen	molsen@otpc.com	Otter Tail Power Company		215 South Cascade Street Fergus Falls MN, 56537 United States	Electronic Service		No	Official 24-432
193	Russell	Olson	rolson@hcpd.com	Heartland Consumers Power District		PO Box 248 Madison SD, 57042-0248 United States	Electronic Service		No	Official 24-432
194	Debra	Opatz	dopatz@otpc.com	Otter Tail Power Company		215 South Cascade Street Fergus Falls MN, 56537 United States	Electronic Service		No	Official 24-432
195	Nate	O'Reilly	nate@iron512.com			851 Pierce Butler Route St Paul MN, 55104 United States	Electronic Service		No	Official 24-432
196	Carol A.	Overland	overland@legalectric.org	Legalelectric - Overland Law Office		1110 West Avenue Red Wing MN, 55066 United States	Electronic Service		No	Official 24-432
197	John	Pacheco	johnpachecojr@gmail.com			null null, null United States	Electronic Service		No	Official 24-432
198	Greg	Palmer	gpalmer@greatermngas.com	Greater Minnesota Gas, Inc.		1900 Cardinal Ln PO Box 798 Faribault MN, 55021 United States	Electronic Service		No	Official 24-432
199	Jessica	Palmer Denig	jessica.palmer-denig@state.mn.us		Office of Administrative Hearings	600 Robert St N PO Box 64620 St. Paul MN, 55164 United States	Electronic Service		Yes	Official 24-432
200	Dan	Patry	dpatry@sunedison.com	SunEdison		600 Clipper Drive Belmont CA, 94002 United States	Electronic Service		No	Official 24-432
201	Jeffrey C	Paulson	jeff.jcplaw@comcast.net	Paulson Law Office, Ltd.		4445 W 77th Street Suite 224 Edina MN, 55435 United States	Electronic Service		No	Official 24-432

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
202	Jose	Perez	jose@hispanicsinenergy.com			1017 L Street #719 Sacramento CA, 95814 United States	Electronic Service		No	Official 24-432
203	Lisa	Perry	lisa.perry@walmart.com			2608 SE J St Bentonville AR, 72716 United States	Electronic Service		No	Official 24-432
204	Jennifer	Peterson	jjpeterson@mnpower.com	Minnesota Power		30 West Superior Street Duluth MN, 55802 United States	Electronic Service		No	Official 24-432
205	Catherine	Phillips	catherine.phillips@wecenergygroup.com	Minnesota Energy Resources		231 West Michigan St Milwaukee WI, 53203 United States	Electronic Service		No	Official 24-432
206	Marcia	Podratz	mpodratz@mnpower.com	Minnesota Power		30 W Superior S Duluth MN, 55802 United States	Electronic Service		No	Official 24-432
207	Hannah	Polikov	hpolikov@aee.net	Advanced Energy Economy Institute		1000 Vermont Ave, Third Floor Washington DC, 20005 United States	Electronic Service		No	Official 24-432
208	J.	Porter	greg.porter@nngco.com	Northern Natural Gas Company		1111 South 103rd St Omaha NE, 68124 United States	Electronic Service		No	Official 24-432
209	Kevin	Pranis	kpranis@liunagroc.com	Laborers' District Council of MN and ND		81 E Little Canada Road St. Paul MN, 55117 United States	Electronic Service		No	Official 24-432
210	David G.	Prazak	dprazak@otpc.com	Otter Tail Power Company		P.O. Box 496 215 South Cascade Street Fergus Falls MN, 56538-0496 United States	Electronic Service		No	Official 24-432
211	Kenneth	Rance	krance@sabathani.org	Sabathani Community Center		310 East 38th St Rm #120 Minneapolis MN, 55409 United States	Electronic Service		No	Official 24-432
212	John C.	Reinhardt		Laura A. Reinhardt		3552 26th Ave S Minneapolis MN, 55406 United States	Paper Service		No	Official 24-432
213	Generic Notice	Residential Utilities Division	residential.utilities@ag.state.mn.us		Office of the Attorney General - Residential Utilities Division	1400 BRM Tower 445 Minnesota St St. Paul MN, 55101-2131 United States	Electronic Service		Yes	Official 24-432
214	Kevin	Reuther	kreuther@mncenter.org	MN Center for Environmental Advocacy		26 E Exchange St, Ste 206 St. Paul MN, 55101-1667 United States	Electronic Service		No	Official 24-432

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
215	John	Reynolds	john.reynolds@nfib.org			180 5th St E Suite 260 St. Paul MN, 55101 United States	Electronic Service		No	Official 24-432
216	Whitney	Richardson	whitney.richardson@evgo.com	EVgo Services, LLC		11835 W Olympic Blvd Ste 900E Los Angeles CA, 90064 United States	Electronic Service		No	Official 24-432
217	Noah	Roberts	nroberts@cleanpower.org	Energy Storage Association		1155 15th St NW, Ste 500 Washington DC, 20005 United States	Electronic Service		No	Official 24-432
218	Alice	RobertsDavis	admin.info@state.mn.us	Department of Administration		15 Sherburne Avenue St. Paul MN, 55155 United States	Electronic Service		No	Official 24-432
219	Susan	Romans	sromans@allete.com	Minnesota Power		30 West Superior Street Legal Dept Duulth MN, 55802 United States	Electronic Service		No	Official 24-432
220	Amanda	Rome	amanda.rome@xcelenergy.com	Xcel Energy		414 Nicollet Mall FL 5 Minneapolis MN, 55401 United States	Electronic Service		No	Official 24-432
221	Robert K.	Sahr	bsahr@eastriver.coop	East River Electric Power Cooperative		P.O. Box 227 Madison SD, 57042 United States	Electronic Service		No	Official 24-432
222	Renee	Samson	rsamson@freewiretech.com	FreeWire Technologies		1999 Harrison St Oakland CA, 94612 United States	Electronic Service		No	Official 24-432
223	Joseph L.	Sathe	jsathe@kennedy-graven.com	Kennedy & Graven, Chartered		150 S 5th St Ste 700 Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
224	Tim	Schaefer	thschaef@gmail.com	Environment MN		211 N 1st St Ste 480 Minneapolis MN, 55401 United States	Electronic Service		No	Official 24-432
225	Kevin	Schlangen	kevin.schlangen@co.dakota.mn.us	Dakota County		2800 160th Street West Rosemount MN, 55068 United States	Electronic Service		No	Official 24-432
226	Jacob J.	Schlesinger	jschlesinger@keyesfox.com	Keyes & Fox LLP		1580 Lincoln St Ste 880 Denver CO, 80203 United States	Electronic Service		No	Official 24-432
227	Elizabeth	Schmiesing	eschmiesing@winthrop.com	Winthrop & Weinstine, P.A.		225 South Sixth Street Suite 3500 Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
228	Peter	Scholtz	peter.scholtz@ag.state.mn.us		Office of the Attorney General - Residential Utilities Division	Suite 1400 445 Minnesota Street St. Paul MN, 55101-2131 United States	Electronic Service		Yes	Official 24-432

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
229	Kay	Schraeder	kschraeder@minnkota.com	Minnkota Power		5301 32nd Ave S Grand Forks ND, 58201 United States	Electronic Service		No	Official 24-432
230	Lori	Schultz	lorischultz@minncap.org	Minnesota Community Action Partnership		MCIT Building 100 Empire Dr Ste 202 St. Paul MN, 55103 United States	Electronic Service		No	Official 24-432
231	Christine	Schwartz	regulatory.records@xcelenergy.com	Xcel Energy		414 Nicollet Mall, MN1180-07-MCA Minneapolis MN, 55401-1993 United States	Electronic Service		No	Official 24-432
232	Doug	Scott	dscott@gpisd.net	Great Plains Institute		2801 21st Ave Ste 220 Minneapolis MN, 55407 United States	Electronic Service		No	Official 24-432
233	Dean	Sedgwick	sedgwick@itascapower.com	Itasca Power Company		PO Box 455 Spring Lake MN, 56680 United States	Electronic Service		No	Official 24-432
234	Maria	Seidler	maria.seidler@dom.com	Dominion Energy Technology		120 Tredegar Street Richmond VA, 23219 United States	Electronic Service		No	Official 24-432
235	Timothy	Sexton	timothy.sexton@state.mn.us		Minnesota Department of Transportation	395 John Ireland Blvd St. Paul MN, 55155-1899 United States	Electronic Service		No	Official 24-432
236	Janet	Shaddix Elling	jshaddix@janetshaddix.com	Shaddix And Associates		7400 Lyndale Ave S Ste 190 Richfield MN, 55423 United States	Electronic Service		No	Official 24-432
237	Patricia	Sharkey	psharkey@environmentallawcounsel.com	Midwest Cogeneration Association.		180 N LaSalle St Ste 3700 Chicago IL, 60601 United States	Electronic Service		No	Official 24-432
238	Bria	Shea	bria.e.shea@xcelenergy.com	Xcel Energy		414 Nicollet Mall Minneapolis MN, 55401 United States	Electronic Service		No	Official 24-432
239	Doug	Shoemaker	dougs@charter.net	Minnesota Renewable Energy		2928 5th Ave S Minneapolis MN, 55408 United States	Electronic Service		No	Official 24-432
240	Anne	Smart	anne.smart@chargepoint.com	ChargePoint, Inc.		254 E Hacienda Ave Campbell CA, 95008 United States	Electronic Service		No	Official 24-432
241	Amanda	Smith	amanda.smith@state.mn.us		Minnesota Pollution Control Agency	520 Lafayette Rd N St. Paul MN, 55155 United States	Electronic Service		No	Official 24-432
242	Beth	Smith	bsmith@greatermankato.com	Greater Mankato Growth		1961 Premier Dr Ste 100 Mankato MN, 56001 United States	Electronic Service		No	Official 24-432
243	Joshua	Smith	joshua.smith@sierraclub.org			85 Second St FL 2	Electronic Service		No	Official 24-432

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						San Francisco CA, 94105 United States				
244	Ken	Smith	ken.smith@ever-greenenergy.com	Ever Green Energy		305 Saint Peter St Saint Paul MN, 55102 United States	Electronic Service		No	Official 24-432
245	Ken	Smith	ken.smith@districtenergy.com	District Energy St. Paul Inc.		76 W Kellogg Blvd St. Paul MN, 55102 United States	Electronic Service		No	Official 24-432
246	Trevor	Smith	trevor.smith@avantenergy.com	Avant Energy, Inc.		220 South Sixth Street Suite 1300 Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
247	Beth	Soholt	bsoholt@cleangridalliance.org	Clean Grid Alliance		570 Asbury Street Suite 201 St. Paul MN, 55104 United States	Electronic Service		No	Official 24-432
248	Anna	Sommer	asommer@energyfuturesgroup.com	Energy Futures Group		PO Box 692 Canton NY, 13617 United States	Electronic Service		No	Official 24-432
249	Peggy	Sorum	peggy.sorum@centerpointenergy.com	CenterPoint Energy		505 Nicollet Mall Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
250	Mark	Spurr	mspurr@fvbenergy.com	International District Energy Association		222 South Ninth St., Suite 825 Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
251	Sky	Stanfield	stanfield@smwlaw.com	Shute, Mihaly & Weinberger		396 Hayes Street San Francisco CA, 94102 United States	Electronic Service		No	Official 24-432
252	Jamez	Staples	jstaples@renewablenrgpartners.com	Renewable Energy Partners		3033 Excelsior Blvd S Minneapolis MN, 55416 United States	Electronic Service		No	Official 24-432
253	Russ	Stark	russ.stark@ci.stpaul.mn.us	City of St. Paul		Mayor's Office 15 W. Kellogg Blvd., Suite 390 Saint Paul MN, 55102 United States	Electronic Service		No	Official 24-432
254	Byron E.	Starns	byron.starns@stinson.com	STINSON LLP		50 S 6th St Ste 2600 Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
255	Richard	Stasik	richard.stasik@wecenergygroup.com	Minnesota Energy Resources Corporation (HOLDING)		231 West Michigan St - P321 Milwaukee WI, 53203 United States	Electronic Service		No	Official 24-432
256	Kristin	Stastny	kstastny@taftlaw.com	Taft Stettinius & Hollister LLP		2200 IDS Center 80 South 8th Street Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
257	Lindsey	Stegall	lindsey.stegall@evgo.com	EVgo Services, LLC		11835 W Olympic Blvd Ste 900E Los Angeles CA, 90064 United States	Electronic Service		No	Official 24-432
258	Cary	Stephenson	cstephenson@otpc.com	Otter Tail Power Company		215 South Cascade Street Fergus Falls MN, 56537 United States	Electronic Service		No	Official 24-432
259	Scott	Strand	sstrand@elpc.org	Environmental Law & Policy Center		60 S 6th Street Suite 2800 Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
260	James M	Strommen	jstrommen@kennedy-graven.com	Kennedy & Graven, Chartered		150 S 5th St Ste 700 Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
261	Dean	Taylor	dtaylor@pluginamerica.org	Plug In America		6380 Wilshire Blvd, Suite 1000 Los Angeles CA, 90048 United States	Electronic Service		No	Official 24-432
262	Hanna	Terwilliger	hanna.terwilliger@state.mn.us		Public Utilities Commission	121 East 7th Place, Suite 350 Saint Paul MN, 55101 United States	Electronic Service		Yes	Official 24-432
263	Stuart	Tommerdahl	stommerdahl@otpc.com	Otter Tail Power Company		215 S Cascade St PO Box 496 Fergus Falls MN, 56537 United States	Electronic Service		No	Official 24-432
264	Taige	Tople	taige.d.tople@xcelenergy.com	Northern States Power Company dba Xcel Energy-Elec		414 Nicollet Mall 401 7th Floor Minneapolis MN, 55401 United States	Electronic Service		No	Official 24-432
265	Pat	Treseler	pat.jcplaw@comcast.net	Paulson Law Office LTD		4445 W 77th Street Suite 224 Edina MN, 55435 United States	Electronic Service		No	Official 24-432
266	Analeisha	Vang	avang@mnpower.com			30 W Superior St Duluth MN, 55802-2093 United States	Electronic Service		No	Official 24-432
267	Nikhil	Vijaykar	nvijaykar@keyesfox.com	Keyes & Fox LLP		580 California St 12th Floor San Francisco CA, 94104 United States	Electronic Service		No	Official 24-432
268	Christopher	Villarreal	cvillarreal@rstreet.org	R Street Institute		1212 New York Ave NW Ste 900 Washington DC, 20005 United States	Electronic Service		No	Official 24-432
269	Julie	Voeck	julie.voeck@nee.com	NextEra Energy Resources, LLC		700 Universe Blvd Juno Beach FL, 33408 United States	Electronic Service		No	Official 24-432
270	Amelia	Vohs	avohs@mncenter.org	Minnesota Center for		1919 University Avenue West	Electronic Service		No	Official 24-432

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
				Environmental Advocacy		Suite 515 St. Paul MN, 55104 United States				
271	Curt	Volkman	curt@newenergy-advisors.com	Fresh Energy		408 St Peter St Saint Paul MN, 55102 United States	Electronic Service		No	Official 24-432
272	Dwight	Wagenius	dwagenius@gmail.com	Minnesota Interfaith Power & Light		4407 E Lake St Minneapolis MN, 55406 United States	Electronic Service		No	Official 24-432
273	Francesca	Wahl	fwahl@tesla.com	Tesla		3500 Deer Creek Rd Palo Alto CA, 94304 United States	Electronic Service		No	Official 24-432
274	Roger	Warehime	roger.warehime@owatonnautilities.com	Owatonna Municipal Public Utilities - Gas		208 S Walnut Ave PO BOX 800 Owatonna MN, 55060 United States	Electronic Service		No	Official 24-432
275	Jenna	Warmuth	jwarmuth@mnpower.com	Minnesota Power		30 W Superior St Duluth MN, 55802-2093 United States	Electronic Service		No	Official 24-432
276	Darrell	Washington	darrell.washington@state.mn.us		DOT	null null, null United States	Electronic Service		No	Official 24-432
277	Laurie	Williams	laurie.williams@sierraclub.org	Sierra Club		Environmental Law Program 1536 Wynkoop St Ste 200 Denver CO, 80202 United States	Electronic Service		No	Official 24-432
278	Anthony	Willingham	anthony.willingham@electrifyamerica.com	Electrify America		1950 Opportunity Way Suite 1500 Reston VA, 20190 United States	Electronic Service		No	Official 24-432
279	Justin	Wilson	justin.wilson@chargepoint.com	ChargePoint		240 East Hacienda Ave. Campbell CA, 95008 United States	Electronic Service		No	Official 24-432
280	Joseph	Windler	jwindler@winthrop.com	Winthrop & Weinstine		225 South Sixth Street, Suite 3500 Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
281	Robyn	Woeste	robynwoeste@alliantenergy.com	Interstate Power and Light Company		200 First St SE Cedar Rapids IA, 52401 United States	Electronic Service		No	Official 24-432
282	Yochi	Zakai	yzakai@smwlaw.com	SHUTE, MIHALY & WEINBERGER LLP		396 Hayes Street San Francisco CA, 94102 United States	Electronic Service		No	Official 24-432
283	Alicia	Zaloga	azaloga@keyesfox.com	Keyes & Fox, LLP		1155 Kildaire Farm Rd Ste 202-203 Cary NC, 27511 United States	Electronic Service		No	Official 24-432

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
284	Christopher	Zibart	czibart@atcllc.com	American Transmission Company LLC		W234 N2000 Ridgeview Pkwy Court Waukesha WI, 53188-1022 United States	Electronic Service		No	Official 24-432
285	Kurt	Zimmerman	kwz@ibew160.org	Local Union #160, IBEW		2909 Anthony Ln St Anthony Village MN, 55418-3238 United States	Electronic Service		No	Official 24-432
286	Patrick	Zomer	pat.zomer@lawmoss.com	Moss & Barnett PA		150 S 5th St #1200 Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432