



414 Nicollet Mall
Minneapolis, MN 55401

October 3, 2025

—Via Electronic Filing—

Sasha Bergman
Executive Secretary
Minnesota Public Utilities Commission
121 7th Place East, Suite 350
St. Paul, MN 55101

RE: REPLY 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 Ms. Bergman:

Northern States Power Company, doing business as Xcel Energy, submits the enclosed Reply Comments in response to the August 12, 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

Enclosure
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

REPLY COMMENTS

INTRODUCTION

Northern States Power Company, doing business as Xcel Energy, submits the enclosed Reply Comments in response to the August 12, 2025, Notice of Extended Comment Period of the Minnesota Public Utilities Commission in the above-referenced docket.

We appreciate the thoughtful Comments from parties and are thankful for their engagement with Peak Time Rebates (PTR). Based on these Comments, the Company is altering its original proposal with the following updates: modifying the estimated energy savings value from 0.32 kW to 0.19 kW per event, updating the first-year participation target from 15,500 to 40,000, and adjusting the budget to reflect the anticipated changes in these savings and participation factors.

In the remainder of these Reply Comments, we address these updates and topics raised by parties in their September 5, 2025, Comments. The topics we discuss in this Reply are as follows:

- Program Design Recommendations
- Cost Effectiveness
- Tracking, Reporting and Evaluation
- Regulatory Pathway & Cost Recovery Mechanism

REPLY COMMENTS

I. PROGRAM DESIGN RECOMMENDATIONS

A. Initiate a Pilot Program

The Minnesota Department of Commerce (Department) and the Office of the Attorney General – Residential Utilities Division (OAG) recommended a limited-term pilot to collect data that will inform the design of a future program. As part of this effort, the Department suggests testing both opt-in and opt-out enrollment strategies, while maintaining the current Energy Action Days (EAD) program, to better understand customer participation and load reductions associated with each approach. They reference the Portland General Electric (PGE) pilot which involved twelve demand response treatments, including opt-in and opt-out approaches.¹

The Company does not believe it is necessary to implement the PTR program on a pilot basis. Launching the program as proposed by the Company, versus a limited pilot, still allows for a focused assessment of outcomes and the collection of meaningful insights to inform future program development, without the high costs of a pilot. This approach leverages the Company's and the industry's experience with similar programs, avoids additional pilot costs, and benefits from the flexible Energy Conservation and Optimization (ECO) framework that will allow the Company to adjust the program as it learns.

The Company's proposed program design already draws from its own experience in developing the EAD program, as well as the experience of other utilities with PTR programs, further counseling against a pilot approach here. For example, in its Comments, the Department proposes a pilot to compare opt-in and opt-out approaches to "test customer acceptance and load reductions under both opt-in and opt-out enrollment approaches."² However, the Company has already tested load reductions in an opt-out scenario through EAD. These results may not have been impacted by an incentive (as offered in PTR) but would have been similar given the size of the savings opportunity per customer. Rather than conduct similar analysis (and therefore spend additional dollars to test these results again and additional dollars to expand the proposed program to include opt-in and opt-out options), we propose to use the insights gained from other utilities, including the PGE study, to narrowly tailor an opt-in program. PGE's decision to adopt an opt-in model aligns with our proposed approach and reflects the most common practice among utilities. As noted

¹ [Cadmus. 2018. Flex Pricing and Behavioral Demand Response Pilot Program](#)

² Comments, Minnesota Department of Commerce, Docket No. E002/M-24-432, pg. 7.

in the OAG comments, “Xcel’s proposed peak time rebate is broadly consistent with that of other utilities surveyed, and Xcel’s proposal generally appears reasonable.”³

Finally, within the ECO framework, the Company has the flexibility to continuously review and adjust programs to ensure they remain effective and responsive to customer needs.⁴ We concur with both the Department and the OAG that there is inherent uncertainty in our assumptions regarding cost-effectiveness and opt-in rates. As originally proposed, the Company has already taken steps to limit the program’s initial scope to test these assumptions and make iterative improvements over time as participation grows. So, although our program would not be a pilot, that program evolution—through growth and refinement—is a standard and expected part of the initiative.

Given the above considerations, the Company does not believe that launching the PTR program as a pilot is necessary.

B. Maintain EAD After PTR Launch

The Department has recommended keeping the EAD program active while testing the PTR scenarios. Given that, apart from the rebate, the programs are nearly identical, the Company has concerns regarding the potential for customer confusion if both EAD and PTR programs were to operate concurrently. To ensure a clear and positive customer experience, and the highest chance for a successful launch of the PTR program, we intend to sunset the EAD program upon the launch of a PTR program regardless of whether a pilot is implemented.

C. Include Existing Demand Response Participants

All commenters support allowing customers currently enrolled in Demand Response (DR) programs to participate in the PTR program at some point in the future. The Department has stated that “it is reasonable to exclude customers currently enrolled in other demand response programs,”⁵ and we agree with this assessment. The Department also recommends that customers be given the option to switch between programs if they choose. As with all our offerings, customers may select the program that best suits their needs, as both AC Rewards and Saver’s Switch are structured as one-year commitments. We agree that initially excluding DR participants is reasonable, provided customers retain the flexibility to switch programs.

³ Comments, Office of Attorney General, Docket No. E002/M-24-432, pg. 15.

⁴ Minn. R. 7690.1400

⁵ Comments, Minnesota Department of Commerce, Docket No. E002/M-24-432, pg. 7.

The Company shares this perspective and believes that excluding DR participants at the outset is necessary to reduce the complexity of baseline calculations and ensure accurate measurement of energy savings attributable specifically to the PTR program. We support Fresh Energy and the OAG's request for additional information on what would be required to adjust baselines to account for other DR programs. However, this will require further analysis and is best addressed through a comprehensive evaluation, as discussed later in this Reply. As we gain experience and better understand program impacts, the inclusion of DR participants and net-metered customers in PTR can be revisited, with updated baselines developed accordingly.

D. Increasing the Number of Participants

All parties commented on the Company's proposed six percent response rate of 15,500 customer enrollments in PTR the first year of launch. Our rationale for six percent, as requested by Fresh Energy in their comments, was simply to target a small group of customers. In addition, it is important to note that the Company did not originally propose a cap on participation – ECO programs allow the Company to exceed participation goals, which may differ from a pilot created as part of a tariffed filing. Based on parties' comments, the Company has adapted our original proposal to increase the number of targeted customers to 40,000 customers with no cap on participation.

Fresh Energy proposed a first-year enrollment target of 15 percent of the eligible population, or 37,500 participants. They reference PGE's first year results of 80,000 and the Company's long standing Saver's Switch program, which has 420,000 participants across Xcel Energy's northern service territory. In contrast, while the OAG did not recommend a higher participation rate, they referenced a different PGE study which indicated the Company's proposed six percent response rate is on the high end of what PGE experienced in their pilot, concluding that it may be a challenge for the Company to achieve without implementing different marketing approaches. The Department recommends inclusion of an opt-out model as a component of a pilot to enroll significantly more customers.

We are proud of the strong engagement in our Saver's Switch and AC Rewards programs, which we estimate has a saturation of 60 percent of eligible households. However, it's important to note that Saver's Switch has been available for 35 years, whereas in this proposal we are only considering the first-year enrollment of PTR. Fresh Energy requested that the Company update Attachment A of our Petition to show the eligible number of customers. This is a challenging request based on eligibility criteria on the commercial side, but we provide Table 1 below to focus on

the eligibility of residential customers.

Table 1: Eligibility for Minnesota Residential Demand Response Programs

Program	Estimated # of Eligible Customers	# of Customers Enrolled	Percent of Eligible Customers Enrolled
Saver's Switch	630,000 ¹	353,000	56%
AC*Rewards	630,000 ¹	50,000	8%
Energy Action Days	530,000 ²	530,000	100%

¹Estimate of single-family homes with central air conditioners.

² Eligible customers based on number of customers who had chosen to receive email communications from the Company at the time EAD was launched.

The Company has revisited the initial analysis and agrees with Fresh Energy that a first-year enrollment target of 40,000 participants is achievable with an opt-in program in conjunction with a more robust and targeted marketing strategy than originally proposed.

E. Marketing Approach

As noted above, upon reviewing a PGE study, the OAG recommends that the Company be required to market the program through direct mail including letters and post cards. Additionally, they suggest targeting customers with high peak load and in constrained areas of the grid. They further recommend developing the capability to send potential participants personalized bill messages and providing customers feedback on performance within 24-48 hours of a control event. The Department also supports targeting customers with high peak load in addition to low-income households and communities.⁶

The Company agrees that targeting specific customer segments, such as current participants in EAD, customers with high peak load and low-income households, is an effective strategy to encourage program enrollments. While our current billing system does not support personalized bill messaging, and developing such functionality would be both costly and time intensive, we can actively promote PTR through standard on-bill messages. These messages would direct customers to additional program information and enrollment resources.

While the Company does not recommend extensive use of direct mail due to its relatively high cost, typically exceeding \$0.50 per piece, and modest response rates of

⁶ Comments, Department of Commerce

up to 2-5 percent, it may be appropriate in limited quantities. Specifically, direct mail could be used to reach targeted customer segments for whom we do not currently have email addresses. Depending on the response rates from initial mailings, the Company may consider expanding this approach.

To achieve a first-year enrollment target of 40,000 customers, the Company recognizes the need to broaden its marketing strategy beyond email, on-bill messaging, limited direct mail and our website. Additional outreach methods may include targeted digital advertising, social media campaigns, and other innovative engagement channels.

The Company will also explore opportunities to leverage the My Energy Portal and Home Energy Reports to encourage participation in the PTR program. This will be reviewed further as we transition to the new program implementer for this offering.

II. COST EFFECTIVENESS

A. Energy Savings

Peak Time Rebates will offer participants an opportunity to earn incentives by providing bulk system grid services through behavioral changes at their home. While there are existing programs that incentivize activity through action for several of the major loads within the home (i.e. AC Rewards, Saver's Switch,), there are other devices that could provide load reduction through a technology agnostic option such as PTR. Customers could act by reducing usage of regular, everyday items such as shutting off lighting, adjusting heat pumps and other non-central cooling systems, not charging electric vehicles, and reducing the use of other appliances. These are potentially normal activities that could result in load reduction and incentive payments to customers for reducing their activity compared to their baseline usage. In a typical home, the largest load reduction opportunity is often the control of cooling equipment. In the absence of this reduction opportunity, either through participation in another load control program or lack of equipment or controls, the remaining options typically result in lower or less consistent reduction which may impact the performance assessment of the program.

Our original savings estimates were based on assumptions that were found later to be inaccurate. Therefore, we concur with both the Department and OAG that the originally proposed 0.63 kW savings was overstated. In our Comments⁷, we provided

⁷ [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 \(September 5, 2025\)](#)

energy savings values for several utility programs and based on this analysis, we proposed a revised savings of 0.32 kW – assuming that by removing demand response participants, we would find savings higher than the average of 0.21 kW (see Table 1).

In their Comments, the Department and OAG referenced energy savings data from utilities including PGE & ComEd. For these utilities, different source documents were used to derive the savings estimates in comparison to our analysis. In response, the Company conducted an additional review of multiple source documents for utility programs beyond what had been conducted in March of 2025 and included as Attachment B to our Petition.⁸

As noted in our September Comments, the wide variation in reported savings across utility programs can be attributed to several factors including: limited or no control events, customer participation in multiple demand response programs, seasonal timing of events, the year in which the study was conducted, weather variability, baseline methodologies, and difference in energy costs. Given these variables, it is challenging to predict the specific energy savings our program would yield. We believe that the PTR program will yield savings between 0.19 kW and 0.32 kW, which as an opt-in option, is higher than the opt-out savings per customer of the EAD program of 0.02 kW. However, without additional experience in the program, these savings will be unknown.

For the purposes of our cost benefit analysis, we have updated our proposed energy savings from 0.32 to 0.19. kW, which is the average energy savings of the programs listed below and approximately the same savings Connexus has seen with their PTR program in the last few years. Of note, as part of the ECO portfolio, the Company will propose to claim actual savings from the program rather than using an estimate.

Table 2: Average Demand Response per Participant

Utility	Proposed kW ⁹	Updated kW
Ameren Illinois	0.10	0.10
BGE*	0.14	0.14
ComEd	0.47	0.11
Consumers Energy	0.12	0.12
PG&E	0.17	0.17
Portland General Electric (PGE)	0.17	0.4

⁸ Petition, 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 (March 17, 2025)

⁹ [As noted in the Comments filed September 5, 2025.](#)

Utility	Proposed kW ⁹	Updated kW
Puget Sound Energy	0.26	0.26
SDG&E	0.05	0.05
Southern California Edison (SCE)	0.37	0.37
Average	0.21	0.19

B. Budget

The Company's proposed budget has been updated to reflect the higher enrollment target. To support this expanded goal, a more robust marketing budget will be necessary. While the estimated savings per customer has decreased, overall rebate expenditures are expected to rise due to the increased number of participants. Accordingly, both rebate and marketing allocations have been adjusted upward for our proposed opt-in program.

Table 3: Electric Budget

Budget Category	Proposed 2026 Expenses ¹⁰	Updated 2026 Forecast
Vendor	\$440,000	\$440,000
Rebates	\$96,000	\$152,000
Technology Services	\$50,000	\$50,000
Administration	\$80,000	\$80,000
Marketing	\$20,000	\$70,000
Total	\$686,000	\$792,000

C. Updated Cost Benefit Analysis

An updated cost benefit analysis for the PTR program, with a revised participation level and corresponding budget updates is included as Attachment A. This analysis was conducted using the methodology applied to ECO program evaluations, as defined by the Department.¹¹ The following assumptions were used to assess cost-effectiveness.

¹⁰ [As noted in the Comments filed September 5, 2025.](#)

¹¹ [Decision, In the Matter of 2024-2026 CIP Cost-Effectiveness Methodologies for Electric and Gas Investor-Owned Utilities, \(March 31, 2023, Docket No. E,G999/CIP-23-46\)](#)

Table 4: Analysis Assumptions

Quantification	Filed Estimate	Updated Estimate
Hours/Event	4	4
Events/Year	5	5
Target Market	250,000	250,000
Estimated Percent Participation	6%	16%
Participants/Year	15,500	40,000
Rebate/kWh	\$1.00	\$1.00
Participant kW/event	0.63	0.19
Participant kWh/event	2.5	0.76

The results show that the program does pass the cost effectiveness requirement with a Benefit/Cost Ratio of 1.18 using the Minnesota Test, provided the assumptions regarding budget, participation and savings are accurate.

D. Capacity Reductions and MISO Registrations

In their comments, the Department and Fresh Energy asked for more information on the Company's plans to use PTR to lower our peak demand forecast and capacity obligations.

As discussed in the Petition, the Company intends to call events based on anticipated system demand and include the program as a demand response resource in the Integrated Resource Plan (IRP). Specifically, in the last IRP, our demand response programs were included in our modeling analysis as supply-side bundles available to meet our load serving needs. The Company included four "bundles" of demand response which included a variety of resources including MISO registered resources as well as other demand response. Bundle 2 specifically included the anticipated impacts of EAD. The capacity from the selected demand response bundles offsets the need for other resources that might have been selected by the model. By including the impacts of DR, the Company is affecting the need to build new capacity resources and as such is realizing the benefits of a behavioral DR program for our customers.

However, in the near-term, the PTR program will not be registered in MISO. Utility Peak Time Rebate programs are relatively new, with several programs launched in just the last few years. There is not sufficient information on any of the programs to determine with confidence what the forecasted savings will be, as referenced above, in the widely varied average energy savings per program. Without reliability, there is a significant risk of being penalized.

The Department referenced the ComEd and BGE programs, both of which are funded by PJM. While this may be an appropriate resource for PJM, PJM operates in deregulated markets and requires participation in a mandatory capacity auction making it significantly different from MISO and thus the two are not reasonably compared.

And, while the OAG's suggestion to consider PTR as a non-wires alternative in constrained areas is an admirable goal, it is not realistic in the short term. However, the PTR event strategy will continue to be evaluated for most effective grid relief impacts to balance out the financial commitment.

III. TRACKING, REPORTING AND EVALUATION

As previously discussed, the Company intends to file the PTR program with the Department as part of our ECO Portfolio. In this scenario, the Company plans to include PTR program results such as participation, energy savings and program expenditures, as part of the annual ECO Status Report filed each year on April 1.

A formal program evaluation is recommended once the program has launched and sufficient enrollment and operational experience have been gained to support meaningful analysis. This is typically after two years from launch. This evaluation will gather data to inform several of the metrics suggested by the Department and OAG. It will provide a deeper understanding of energy savings, assess program delivery and customer satisfaction, examine market dynamics and evaluate cost-effectiveness. The insights gained will help the Company refine the program design and implementation to better meet customer needs and regulatory objectives.

As part of the evaluation, which will require a third-party evaluator, we can commit to including the following additional analysis for which we are able to track.

- a. Number of customers (1) invited to opt-in and (2) opting in
- b. For each control event
 - a. Date and timeframe
 - b. Hours' notice given
 - c. Xcel's distribution-system peak in MW during the event timeframe
 - d. Average load reduction per customer
 - e. Number of participants sent follow-up emails and timeframe
- c. Potential savings per year in kW and kWh
 - a. Total
 - b. Per control event
 - c. Per customer

- d. Actual savings per year in kW and kWh
 - a. Total
 - b. Per control event
 - c. Per customer
- e. Updated Cost-Benefit Analysis

As part of the ECO portfolio, if approved by the Department, we would include this evaluation as part of our Status Report but also include a copy of the evaluation as part of this docket.

IV. REGULATORY PATHWAY & COST RECOVERY MECHANISM

The Company appreciated the recommendations of the Department and OAG that, following Commission input to help shape the program, formally incorporating it into the Company's ECO portfolio—via a formal modification or through our next Triennial of which will be filed June 1, 2026—is a logical and appropriate path forward. This approach offers a clear framework for cost recovery while ensuring alignment with broader regulatory and policy objectives.

CONCLUSION

The Company appreciates the opportunity to provide further details and clarification on our proposed PTR program. Based on the comments received, the following updates were made to our proposal: the estimated energy savings value changed from 0.32 kW to 0.21 kW per event, the first-year participation target has been updated from 15,500 to 40,000, and the budget has been modified to reflect the anticipated change in savings and participation. We look forward to additional stakeholder engagement.

Dated: October 3, 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	903,871	903,871	N/A	903,871	903,871		
Transmission and Distribution Capacity	N/A	0	0	N/A	0	0		
Energy Generation	N/A	10,064	10,064	N/A	10,064	10,064		
Market Effects and Ancillary Services	N/A	18,279	18,279	N/A	18,279	18,279		
Subtotal	N/A	932,213	932,213	N/A	932,213	932,213		
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	2,266	2,266		
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	2,266	2,266		
Participant Impacts								
Electric Bill	25,566	N/A	(25,566)	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	152,000	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	25,566	N/A	(25,566)	0	152,000	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	(150,000)	(150,000)	0	(150,000)	(150,000)		
Measurement & Verification	N/A	0	0	0	0	0		
Rebates	N/A	(152,000)	(152,000)	0	(152,000)	(152,000)		
Other	N/A	0	0	0	0	0		
Subtotal	N/A	(792,000)	(792,000)	0	(792,000)	(792,000)		
Benefits	25,566	932,213	932,213	0	1,086,479	934,479		
Costs	0	(792,000)	(817,566)	0	(792,000)	(792,000)		
Net Benefit (Cost)	25,566	140,213	114,647	0	294,479	142,479		
Benefit/Cost Ratio	INF	1.18	1.14	INF	1.37	1.18		

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	8,403 kW
Annual kWh Saved at Customer	152,000 kWh
Annual kWh Saved at Generator	165,224 kWh
Annual Dth Saved	0 Dth
Electric Participants	40,000
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	42 tons CO2
Gas Energy Efficiency	0 tons CO2
Electric Electrification	0 tons CO2
Gas Electrification	0 tons CO2
Other Fuel Electicfication	0 tons CO2
TOTAL	42 tons CO2

Lifetime Carbon Emissions Reductions	
Electric Energy Efficiency	42 tons CO2
Gas Energy Efficiency	0 tons CO2
Electric Electrification	0 tons CO2
Gas Electrification	0 tons CO2
Other Fuel Electicfication	0 tons CO2
TOTAL	42 tons CO2

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	8,403 kW
Annual kWh Saved at Customer	152,000 kWh
Annual kWh Saved at Generator	165,224 kWh
Annual Dth Saved	0 Dth
Electric Participants	40,000
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	42 tons CO2
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Electric Electrification	0 tons CO2
Gas Electrification	0 tons CO2
Other Fuel Electrification	0 tons CO2
TOTAL	42 tons CO2

Lifetime Carbon Emissions Reductions

Electric Energy Efficiency	42 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	42 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 3rd day of October 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
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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
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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	Sasha	Bergman	sasha.bergman@state.mn.us		Public Utilities Commission		Electronic Service		No	Official 24-432
26	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
27	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
28	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

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
29	William	Black	bblack@mmua.org	MMUA		Suite 200 3131 Fernbrook Lane North Plymouth MN, 55447 United States	Electronic Service		No	Official 24-432
30	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
31	Kenneth	Bradley	kbradley@environmentminnesota.org			2837 Emerson Ave S Apt CW112 Minneapolis MN, 55408 United States	Electronic Service		No	Official 24-432
32	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
33	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
34	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
35	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
36	Matthew	Brodin	mbrodin@allete.com	Minnesota Power		30 West Superior Street Duluth MN, 55802 United States	Electronic Service		No	Official 24-432
37	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
38	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
39	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
40	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

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
41	Thomas	Carlson	thomas.carlson@edf-re.com	EDF Renewable Energy		10 2nd St NE Ste. 400 Minneapolis MN, 55413 United States	Electronic Service		No	Official 24-432
42	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
43	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
44	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
45	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
46	John	Coffman	john@johncoffman.net	AARP		871 Tuxedo Blvd. St. Louis MO, 63119-2044 United States	Electronic Service		No	Official 24-432
47	Kenneth A.	Colburn	kcolburn@symbioticstrategies.com	Symbiotic Strategies, LLC		26 Winton Road Meredith NH, 32535413 United States	Electronic Service		No	Official 24-432
48	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
49	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
50	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
51	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
52	Hillary	Creurer	hcreurer@allte.com	Minnesota Power		30 W Superior St Duluth MN, 55802 United States	Electronic Service		No	Official 24-432

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53	George	Crocker	gwillc@nawo.org	North American Water Office		5093 Keats Avenue Lake Elmo MN, 55042 United States	Electronic Service		No	Official 24-432
54	Leigh	Currie	lcurrie@mncenter.org	Minnesota Center for Environmental Advocacy		1919 University Ave W Ste 515 St. Paul MN, 55104 United States	Electronic Service		No	Official 24-432
55	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
56	Matthew	Deal	matthew.deal@chargepoint.com	ChargePoint, Inc.		254 Hacienda Ave Campbell CA, 95008 United States	Electronic Service		No	Official 24-432
57	Timothy	DenHerder Thomas	timothy@cooperativeenergyfutures.com	Cooperative Energy Futures		3500 Bloomington Ave. S Minneapolis MN, 55407 United States	Electronic Service		No	Official 24-432
58	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
59	Carrie	Desmond	carrie.desmond@metrotransit.org	Metropolitan Council		560 6th Avenue North Minneapolis MN, 55411 United States	Electronic Service		No	Official 24-432
60	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
61	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
62	Bridget	Dockter	bridget.dockter@xcelenergy.com			null null, null United States	Electronic Service		No	Official 24-432
63	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
64	Carlton	Doyle Fontaine	carlton.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
65	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

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
66	Michelle	Dreier	mdreier@electricalassociation.com			null null, null United States	Electronic Service		No	Official 24-432
67	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
68	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
69	William	Ehrlich	wehrlich@tesla.com	Tesla, Inc.		3500 Deer Creek Rd Palo Alto CA, 94304 United States	Electronic Service		No	Official 24-432
70	Kristen	Eide Tollefson	healingsystems69@gmail.com	R-CURE		28477 N Lake Ave Frontenac MN, 55026-1044 United States	Electronic Service		No	Official 24-432
71	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
72	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
73	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
74	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
75	Eric	Fehlhaber	efehlhaber@dakotaelectric.com	Dakota Electric Association		4300 220th St W Farmington MN, 55024 United States	Electronic Service		No	Official 24-432
76	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
77	Mike	Fiterman	mikefiterman@libertydiversified.com	Liberty Diversified International		5600 N Highway 169 Minneapolis MN, 55428-3096 United States	Electronic Service		No	Official 24-432
78	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
79	Lucas	Franco	lfranco@liunagroc.com	LIUNA		81 Little Canada Rd E Little Canada	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, 55117 United States				
80	Nathan	Franzen	nathan@nationalgridrenewables.com	Geronimo Energy, LLC		8400 Normandale Lake Blvd Ste 1200 Bloomington MN, 55437 United States	Electronic Service		No	Official 24-432
81	Daryll	Fuentes	energy@usg.com	USG Corporation		550 W Adams St Chicago IL, 60661 United States	Electronic Service		No	Official 24-432
82	James	Garness	james.r.garness@xcelenergy.com			null null, null United States	Electronic Service		No	Official 24-432
83	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
84	Edward	Garvey	garveyed@aol.com	Residence		32 Lawton St Saint Paul MN, 55102 United States	Electronic Service		No	Official 24-432
85	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
86	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
87	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
88	Anita	Grace	anita@gracemulticultural.com	GRACE Multicultural		12959 196th LN NW Elk River MN, 55330 United States	Electronic Service		No	Official 24-432
89	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
90	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
91	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
92	Joe	Halso	joe.halso@sierraclub.org	Sierra Club		1536 Wynkoop St Ste 200 Denver CO, 80202 United States	Electronic Service		No	Official 24-432
93	Katherine	Hamilton	katherine@aem-alliance.org	Advanced Energy		1701 Rhode Island 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
				Management Alliance		NW Washington DC, 20036 United States				
94	Jason G.	Harp	jason.harp@afslaw.com	ArentFox Schiff LLP		233 S Wacker Dr Ste 7100 Chicago IL, 60606 United States	Electronic Service		No	Official 24-432
95	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
96	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
97	Erik	Hatlestad	erik@cureriver.org			117 1st St Montevideo MN, 56265 United States	Electronic Service		No	Official 24-432
98	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
99	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
100	Todd	Headlee	theadlee@dvigridsolutions.com	Dominion Voltage, Inc.		701 E. Cary Street Richmond VA, 23219 United States	Electronic Service		No	Official 24-432
101	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
102	Adam	Heinen	aheinen@dakotaelectric.com	Dakota Electric Association		4300 220th St W Farmington MN, 55024 United States	Electronic Service		No	Official 24-432
103	Annete	Henkel	mui@mnutilityinvestors.org	Minnesota Utility Investors		413 Wacouta Street #230 St.Paul MN, 55101 United States	Electronic Service		No	Official 24-432
104	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
105	Sandra	Henry	sandra.henry@elevatenp.org	Elevate		322 S Green St Ste 300 Chicago IL, 60607 United States	Electronic Service		No	Official 24-432
106	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
107	Corey	Hintz	chintz@dakotaelectric.com	Dakota Electric Association		4300 220th Street	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
						Farmington MN, 55024-9583 United States				
108	Joe	Hoffman	ja.hoffman@smmpa.org	SMMPA		500 First Ave SW Rochester MN, 55902-3303 United States	Electronic Service		No	Official 24-432
109	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
110	MJ	Horner	mj.horner@xcelenergy.com			null null, null United States	Electronic Service		No	Official 24-432
111	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
112	Lori	Hoyum	lhoyum@mnpower.com	Minnesota Power		30 West Superior Street Duluth MN, 55802 United States	Electronic Service		No	Official 24-432
113	Jan	Hubbard	jan.hubbard@comcast.net			7730 Mississippi Lane Brooklyn Park MN, 55444 United States	Electronic Service		No	Official 24-432
114	Holmes	Hummel	holmes.hummel@cleanenergyworks.org	Clean Energy Works		925 French St NW Washington DC, 20001 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@jirpower.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	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, 55402 United States				
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@gpisd.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	Electronic Service		No	Official 24-432

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						Way Rushford MN, 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@greenergy.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	kleee@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

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148	Ryan	Long	ryan.j.long@xcelenergy.com			414 Nicollet Mall 401 8th Floor Minneapolis MN, 55401 United States	Electronic Service		No	Official 24-432
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	kmairi@wi.rr.com	KM Energy Consulting, LLC		961 N Lost Woods Rd Oconomowoc WI, 53066 United States	Electronic Service		No	Official 24-432
153	Christine	Marquis	regulatory.records@xcelenergy.com	Xcel Energy		414 Nicollet Mall MN1180-07-MCA Minneapolis MN, 55401 United States	Electronic Service		No	Official 24-432
154	Emily	Marshall	emarshall@lourismarshall.com	Miller O'Brien Jensen, PA		120 S. 6th Street Suite 2400 Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
155	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
156	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
157	Gregg	Mast	gmast@cleanenergyeconomymn.org	Clean Energy Economy Minnesota		4808 10th Avenue S Minneapolis MN, 55417 United States	Electronic Service		No	Official 24-432
158	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
159	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
160	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

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
161	Taylor	McNair	taylor@gridlab.org			668 Capp Street San Francisco CA, 94110 United States	Electronic Service		No	Official 24-432
162	Sally Anne	McShane	sally.anne.mcshane@state.mn.us		Public Utilities Commission	121 7th Place E Suite 350 St. Paul MN, 55101 United States	Electronic Service		Yes	Official 24-432
163	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
164	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
165	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
166	Peder	Mewis	pmewis@cleangridalliance.org	Clean Grid Alliance		570 Asbury St. St. Paul MN, 55104 United States	Electronic Service		No	Official 24-432
167	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
168	Kevin	Miller	kevin.miller@chargepoint.com			254 E. Hacienda Avenue Campbell CA, 95008 United States	Electronic Service		No	Official 24-432
169	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
170	David	Moeller	dmoeller@allte.com	Minnesota Power			Electronic Service		No	Official 24-432
171	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
172	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
173	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

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
174	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
175	Evan	Mulholland	emulholland@mncenter.org	Minnesota Center for Environmental Advocacy		1919 University Ave W Ste 515 Saint Paul MN, 55101 United States	Electronic Service		No	Official 24-432
176	Alan	Muller	alan@greendel.org	Energy & Environmental Consulting		1110 West Avenue Red Wing MN, 55066 United States	Electronic Service		No	Official 24-432
177	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
178	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
179	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
180	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
181	Ben	Nelson	benn@cmpasgroup.org	CMPMPA		459 South Grove Street Blue Earth MN, 56013 United States	Electronic Service		No	Official 24-432
182	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
183	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
184	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
185	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
186	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

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
187	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
188	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
189	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
190	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
191	Ric	O'Connell	ric@gridlab.org	GridLab		2120 University Ave Berkeley CA, 94704 United States	Electronic Service		No	Official 24-432
192	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
193	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
194	Russell	Olson	rolson@hcpd.com	Heartland Consumers Power District		PO Box 248 Madison SD, 57042-0248 United States	Electronic Service		No	Official 24-432
195	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
196	Nate	O'Reilly	nate@iron512.com			851 Pierce Butler Route St Paul MN, 55104 United States	Electronic Service		No	Official 24-432
197	Carol A.	Overland	overland@legalelectric.org	Legalelectric - Overland Law Office		1110 West Avenue Red Wing MN, 55066 United States	Electronic Service		No	Official 24-432
198	John	Pacheco	johnpachecojr@gmail.com			null null, null United States	Electronic Service		No	Official 24-432
199	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
200	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

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
201	Dan	Patry	dpatry@sunedison.com	SunEdison		600 Clipper Drive Belmont CA, 94002 United States	Electronic Service		No	Official 24-432
202	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
203	Jose	Perez	jose@hispanicsinenergy.com			1017 L Street #719 Sacramento CA, 95814 United States	Electronic Service		No	Official 24-432
204	Lisa	Perry	lisa.perry@walmart.com			2608 SE J St Bentonville AR, 72716 United States	Electronic Service		No	Official 24-432
205	Jennifer	Peterson	jjpeterson@mnpower.com	Minnesota Power		30 West Superior Street Duluth MN, 55802 United States	Electronic Service		No	Official 24-432
206	Catherine	Phillips	catherine.phillips@wecenergygroup.com	Minnesota Energy Resources		231 West Michigan St Milwaukee WI, 53203 United States	Electronic Service		No	Official 24-432
207	Marcia	Podratz	mpodratz@mnpower.com	Minnesota Power		30 W Superior S Duluth MN, 55802 United States	Electronic Service		No	Official 24-432
208	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
209	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
210	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
211	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
212	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
213	John C.	Reinhardt		Laura A. Reinhardt		3552 26th Ave S Minneapolis MN, 55406 United States	Paper Service		No	Official 24-432

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
214	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
215	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
216	John	Reynolds	john.reynolds@nfib.org			180 5th St E Suite 260 St. Paul MN, 55101 United States	Electronic Service		No	Official 24-432
217	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
218	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
219	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
220	Susan	Romans	sromans@allete.com	Minnesota Power		30 West Superior Street Legal Dept Duulth MN, 55802 United States	Electronic Service		No	Official 24-432
221	Amanda	Rome	amanda.rome@xcelenergy.com	Xcel Energy		414 Nicollet Mall FL 5 Minneapolis MN, 55401 United States	Electronic Service		No	Official 24-432
222	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
223	Renee	Samson	rsamson@freewiretech.com	FreeWire Technologies		1999 Harrison St Oakland CA, 94612 United States	Electronic Service		No	Official 24-432
224	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
225	Tim	Schaefer	thschaef@gmail.com	Environment MN		211 N 1st St Ste 480 Minneapolis MN, 55401 United States	Electronic Service		No	Official 24-432
226	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
227	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

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
228	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
229	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
230	Kay	Schraeder	kschraeder@minnkota.com	Minnkota Power		5301 32nd Ave S Grand Forks ND, 58201 United States	Electronic Service		No	Official 24-432
231	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
232	Doug	Scott	dscott@gpsid.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	Electronic Service		No	Official 24-432

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						Mankato MN, 56001 United States				
243	Joshua	Smith	joshua.smith@sierraclub.org			85 Second St FL 2 San Francisco CA, 94105 United States	Electronic Service		No	Official 24-432
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	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
						80 South 8th Street Minneapolis MN, 55402 United States				
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	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
261	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
262	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
263	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
264	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
265	Analeisha	Vang	avang@mnpower.com			30 W Superior St Duluth MN, 55802-2093 United States	Electronic Service		No	Official 24-432
266	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
267	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
268	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
269	Amelia	Vohs	avohs@mncenter.org	Minnesota Center for		1919 University Avenue West	Electronic Service		No	Official 24-432

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				Environmental Advocacy		Suite 515 St. Paul MN, 55104 United States				
270	Curt	Volkmann	curt@newenergy-advisors.com	Fresh Energy		408 St Peter St Saint Paul MN, 55102 United States	Electronic Service		No	Official 24-432
271	Dwight	Wagenius	dwagenius@gmail.com	Minnesota Interfaith Power & Light		4407 E Lake St Minneapolis MN, 55406 United States	Electronic Service		No	Official 24-432
272	Francesca	Wahl	fwahl@tesla.com	Tesla		3500 Deer Creek Rd Palo Alto CA, 94304 United States	Electronic Service		No	Official 24-432
273	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
274	Jenna	Warmuth	jwarmuth@mnpower.com	Minnesota Power		30 W Superior St Duluth MN, 55802-2093 United States	Electronic Service		No	Official 24-432
275	Darrell	Washington	darrell.washington@state.mn.us		DOT	null null, null United States	Electronic Service		No	Official 24-432
276	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
277	Anthony	Willingham	anthony.willingham@electrifyamerica.com	Electrify America		1950 Opportunity Way Suite 1500 Reston VA, 20190 United States	Electronic Service		No	Official 24-432
278	Justin	Wilson	justin.wilson@chargepoint.com	ChargePoint		240 East Hacienda Ave. Campbell CA, 95008 United States	Electronic Service		No	Official 24-432
279	Joseph	Windler	jwindler@winthrop.com	Winthrop & Weinstine		225 South Sixth Street, Suite 3500 Minneapolis MN, 55402 United States	Electronic Service		No	Official 24-432
280	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
281	Yochi	Zakai	yzakai@smwlaw.com	SHUTE, MIHALY & WEINBERGER LLP		396 Hayes Street San Francisco CA, 94102 United States	Electronic Service		No	Official 24-432
282	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

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283	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
284	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
285	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