



414 Nicollet Mall
Minneapolis, MN 55401

**PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED**

October 31, 2025

—Via Electronic Filing—

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

RE: PROACTIVE GRID UPGRADE PROPOSAL
DOCKET NOS. E002/M-25-142 & E002/CI-24-318

Dear Ms. Bergman:

Northern States Power Company, doing business as Xcel Energy, submits this Proactive Distribution Grid Upgrade Proposal in response to the Commission's Order issued on September 2, 2025, in Docket No. 24-318. In this filing the Company presents its first Proactive Upgrade Proposal (Proposal). The Company also proposes its tariff relating to the Proactive Cost-Share Fee, as required by Order Point 7 of the Commission's Order.

Portions of the proposal are marked "Not-Public" as it contains information the Company considers to be trade secret data as defined by Minn. Stat. § 13.37(1)(b). The information contains confidential forecast data that derives an independent economic value from not being generally known or readily ascertainable by others who could obtain economic value or a financial advantage from its disclosure or use. The Company takes efforts to protect this information from public disclosure. Thus, Xcel Energy excises this information as protected data pursuant to Minn. Rule 7829.0500.

We have electronically filed this document with the Minnesota Public Utilities Commission, and copies have been served on the parties on the attached service lists. Please contact Taige Tople at taige.d.tople@xcelenergy.com or me at brian.t.monson@xcelenergy.com if you have any questions regarding this filing.

Sincerely,

/s/

BRIAN MONSON
MANAGER, REGULATORY PROJECT MANAGEMENT

Enclosures
cc: Service Lists

PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED

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 COMMISSION
INQUIRY INTO A FRAMEWORK FOR
PROACTIVE DISTRIBUTION GRID
UPGRADES AND COST ALLOCATION FOR
XCEL ENERGY

DOCKET NOS. E002/M-25-142;
E002/CI-24-318

PROPOSAL

INTRODUCTION

Northern States Power Company, doing business as Xcel Energy, submits this Proactive Distribution Grid Upgrade Proposal in response to the Commission's Order issued on September 2, 2025, in Docket No. 24-318. In this filing the Company presents its first Proactive Upgrade Proposal (Proposal). The Company also proposes its tariff relating to the Proactive Cost-Share Fee, as required by Order Point No. 7 of the Commission's Order.

The Company also notes it will host a stakeholder workshop in early 2026 to share initial forecast results and identify potential upgrade regions. Stakeholders will be invited to submit written feedback, especially on areas with high potential for DG and electrification not reflected in the forecast. Joint submissions are encouraged. The Company will summarize the feedback received and explain how it was incorporated—or why it was not—in our next Proactive Upgrade Proposal. This upcoming workshop does not affect this Proposal.

I. Proactive Grid Upgrade Proposal

General Project Description. The Proactive Grid Upgrade project proposes a new feeder in the South Minneapolis area, prompted by forecasted loading concerns at feeder MDT077, located at the Midtown substation. This feeder is expected to exceed its planned loading limit by 2034. South Minneapolis is a densely populated residential and commercial area, which presents challenges for permitting and constructing new

PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED

feeders. Because of this density, proactive upgrades are especially important and beneficial here, helping to avoid future reliability issues and costly reactive solutions.

In our Integrated Distribution Plan (IDP) high-adoption scenario, we examine the impacts of widespread electrification and distributed energy resource (DER) integration. Under this scenario, metro areas face increasing grid reliability and overload risks within a five- to ten-year timeframe. Key drivers of this elevated risk include electric vehicle (EV) charging and beneficial electrification. The total estimated cost of the project is \$3.7 million, with completion anticipated by 2030—assuming a timely start.

Below, we respond to every requirement in the Proactive Distribution Grid Upgrades Framework (Framework) related to our Proposal.

D. Baseline Information

The following information shall be provided with the IDP in which a Proactive Distribution Upgrade Proposal is submitted:

D.1 The types of upgrade projects and programs that fit within the framework and are currently considered when developing proposals. This may change over time based on utility capability.

For this Proposal, we considered a range of projects that fit within this Framework, including: feeder upgrades (such as reconductoring or paralleling cable), feeder and extensions, new feeder circuits, substation upgrades (including regulator or reactor replacements), substation expansions (such as new or upgraded transformers and feeders), and construction of new substations.

D.2 Issues the potential project or program solves.

Available capacity in this area is extremely limited, and new infrastructure projects often take two years or more to complete. Installing a new feeder and routing it to Downtown Minneapolis will allow us to deliver power to new customers more quickly. South Minneapolis may also see high adoption of electrification, increasing demand on the system. Without sufficient capacity, businesses may choose to locate elsewhere, and customers could face delays in electrifying. This proactive upgrade is especially important to support growth and reliability in such a densely developed area.

**PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED**

D.3 General range of cost for each type of upgrade.

See Table 1 below.

**Table 1
Upgrade Costs**

Upgrade Type	Cost Estimate
Feeder upgrades	\$100k - \$10 million
Feeder extensions	\$100k - \$10 million
New feeder circuits	\$1 million - \$15 million
Substation upgrades	\$500k - \$5 million
Expanded substations	\$4 million - \$20 million
New substations	\$5 million - \$50 million

D.4 An outline of future upgrade options, such as storage, and on what timeline they may be available.

Future upgrade options include limited and non-export interconnections with storage, as well as flexible interconnections. The Distributed Generation Working Group is currently evaluating limited and non-export interconnections with storage, with recommendations expected by the end of 2025 and potential pilot programs launching in 2026. Flexible Interconnection (FI), particularly in its dynamic form, is being prioritized and supported by the planned deployment of a Distributed Energy Resource Management System (DERMS) in 2026,¹ with broader implementation expected through 2030.

D.5 A summary of upgrades that were previously approved but have since been accelerated, delayed, or abandoned due to a change in need since the last filing.

Not applicable, as this is the Company's first proposal under this Framework.

E. Forecast

E.1 Xcel Energy shall provide a base case forecast, as well as sensitivities that include higher and lower adoption of DERs and customer loads than expected in the base case. Xcel Energy shall

¹ We detail our DERMS Roadmap in Chapter 11 of our 2025 IDP, filed in Docket No. E002/M-25-142.

PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED

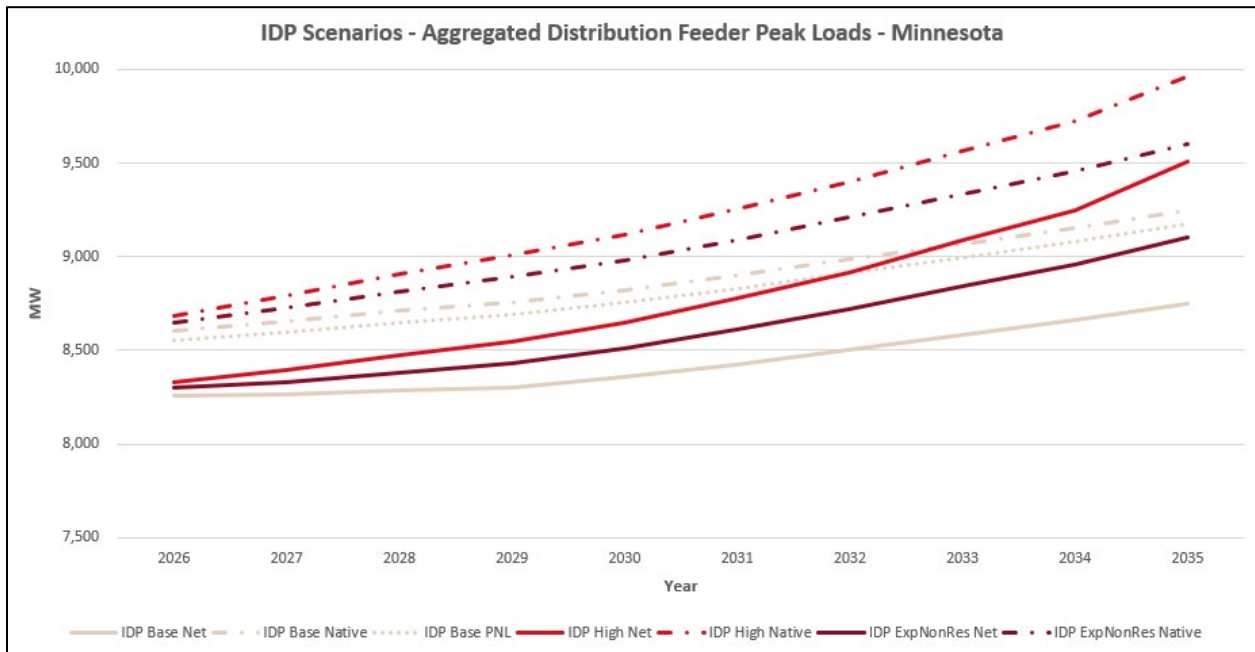
recommend which forecast should be adopted and explain why it thinks that forecast should be the case toward which to plan and why.

Xcel Energy uses three scenarios in its IDP to assess future system needs:

- **Base Case** – reflects known and expected growth in load and distributed generation.
- **High Adoption** – assumes significantly higher load growth across nearly all customer classes.
- **Expanded Non-Residential** – assumes high load growth in commercial and industrial classes, with other classes following Base Case trends.

In Figure 1, we show the 10-year forecast of these scenarios at an aggregate system-wide level.

Figure 1
Total Non-Coincident Distribution Peak Demand 10-Year Forecast –
Aggregated Feeder Peak Load



For proactive grid upgrades, the Company recommends using the IDP High Adoption scenario, as it highlights how quickly distribution system capacity needs can emerge—often faster than utilities can respond. Long equipment lead times and resource constraints can delay projects months or even years beyond their planned in-service dates.

**PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED**

This proposal is located in Hennepin County, which has a Climate Action Plan focused on reducing carbon emissions. The IDP High scenario reflects increased electrification of transportation and heating—both priorities supported by the county’s plan—making this project especially relevant and beneficial.

Additionally, because South Minneapolis is so densely populated, proactive upgrades are particularly important here. They help mitigate reliability risks and avoid costly, delayed reactive solutions in an area where infrastructure expansion is especially challenging.

E.2 Where possible, the following load and DER components shall be differentiated in the forecast data provided: distributed solar PV, CSGs, distributed energy storage, energy efficiency, demand response, electric vehicles, and electrification of space, water, and process heating.

The table below provides the year-by-year breakdown of forecasted load and generation for feeder MDT077 (the feeder driving the need for this Proposal), with all values shown in kilowatts (kW).

**Table 2
Breakdown of Forecasted Loads and Generation Allocation by Year- MDT077²
[PROTECTED DATA BEGINS...**

TABLE REMOVED

...PROTECTED DATA ENDS]

E.3 For each of the DER components above, Xcel Energy shall provide a discussion of each essential assumption made in preparing the forecast, including assumptions regarding customer adoption rates, cost trends, and relevant policy drivers. Xcel Energy should include any sensitivity analyses used to test these assumptions.

In preparing its DER forecasts, Xcel Energy developed assumptions for each load component. For rooftop solar PV, adoption rates were modeled using a combination of Bass Diffusion and economic payback models, accounting for installation costs, inverter replacement, tax incentives, and customer eligibility constraints such as roof shading or rental status. Distributed energy storage forecasts were similarly based on Bass Diffusion modeling, with adoption tied to rooftop solar installations and

² The values in Table 2 represent the nominal, non-coincident demand assigned to the feeder in the forecast. These values may not directly contribute to the feeder’s peak load, as the timing of demand across different load types may not align with the feeder’s peak period.

PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED

sensitive to technology improvements and supply chain risks. Energy efficiency assumptions were grounded in the Company’s 2024–2026 Energy Conservation and Optimization (ECO) Triennial Plan, with scenario variations reflecting different levels of program expansion. Demand response forecasts included residential and commercial programs, though impacts were embedded in corporate forecasts rather than modeled discretely in LoadSEER. Electric vehicle adoption was estimated using Bass Diffusion and total cost of ownership models, with assumptions influenced by battery prices, tax incentives, and urban-rural adoption patterns. Beneficial electrification forecasts included residential and commercial space and water heating, with scenarios varying by customer class.

E.4 In addition to the existing IDP load and DER forecast requirements, Xcel Energy shall submit its forecast results for generation and peak loads at the feeder/substation level for all locations associated with proposed Proactive Distribution Upgrades.

The table below shows the forecasted peak load for the MDT077 feeder. Due to increased adoption of electric vehicles and beneficial electrification, the feeder is projected to shift from summer peaking to winter peaking beginning in 2031. While DER adoption is not driving the need for this project, we are including the forecasted installed DER and the Technical Planning Standard (TPS) in Table 3 below for reference. It’s important to note that the TPS calculation incorporates the feeder’s Daytime Minimum Load, which may vary over the forecast period.

**PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED**

**Table 3
Forecasted Peak Load- MDT077 Feeder
(IDP High Adoption Scenario)**

Year	Forecasted Load			Forecasted Generation	
	Summer Peak [kW]	Winter Peak [kW]	Load Planning Limit [kW]	Installed DER [kW]	Technical Planning Standard [kW]
	[PROTECTED DATA BEGINS...				
2026			10440	193	10372
2027			10440	273	10372
2028			10440	325	10372
2029			10440	364	10372
2030			10440	381	10372
2031			10440	416	10372
2032			10440	468	10372
2033			10440	527	10372
2034			10440	561	10372
2035			10440	639	10372
	...PROTECTED DATA ENDS				

E.5 All proposed Proactive Distribution Upgrades shall be based on a forecasted need identified in the forecast between years five and ten, unless the anticipated lead time for an upgrade project exceeds ten years.

The proposed project is needed in year 9 of the forecast. As shown in Table 2, winter peak load on feeder MDT077 is projected to exceed its planning limit starting in 2034. When the feeder peak load exceeds the planning limit, defined as 75 percent of the rated capacity, distribution upgrades are required. The lead time for this upgrade project, including design and construction, is 22-26 months—assuming a timely start and no delays whatsoever.

E.6 The forecast shall include an assessment of existing available hosting capacity for generation and load to the same extent as is shared in Xcel Energy’s Hosting Capacity Analysis results.

The data in Table 4 shows that the MDT077 feeder has between 0.11 MW and 0.44 MW of available hosting capacity, depending on the location along the feeder, and is constrained by Unintentional Islanding Criteria. While the feeder complies with the Technical Planning Standard—meaning additional DER can be accommodated—

PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED

upgrades may be required to address hosting capacity constraints based on the specific interconnection location.

Table 4
Gen- HCA Results

Substation	Midtown
Transformer Name	MDT_TR02
Feeder	MDT077
Minimum Available Hosting Capacity (MW)	0.11
Minimum Constraining Metric	Unintentional Islanding
Maximum Available Hosting Capacity (MW)	0.44
Maximum Constraining Metric	Unintentional Islanding
Feeder Technical Planning Stand	Compliant

The data in Table 5 shows that the MDT077 feeder has between 0 MW and 6.88 MW of available hosting capacity, depending on the location along the feeder, and is constrained by thermal charging in the most constrained location, and by the continuous rating in the least constrained location. While the feeder complies with the planned loading limit—meaning additional load likely can be accommodated without upgrades—upgrades may be required to address hosting capacity constraints based on the specific interconnection location and load.

Table 5
Load-HCA Results

Substation	Midtown
Transformer Name	MDT_TR02
Feeder	MDT077
Minimum Available Hosting Capacity (MW)	0
Minimum Constraining Metric	Thermal Charging
Maximum Available Hosting Capacity (MW)	6.88
Maximum Constraining Metric	Continuous Rating Capacity Utilization
Feeder Planned Loading Limit	Compliant

PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED

F. Potential Sites for Proactive Distribution Upgrades

A utility must include in any Proactive Distribution Upgrade Proposal filing:

F.1 The criteria used to identify potential sites for Proactive Distribution Upgrades, including a discussion of feedback received from stakeholders under Section C.10.

For this initial project proposal, our criteria required that it address at least one overload risk identified in the five-to-ten-year forecast, with no existing funded mitigation in place to resolve or reduce that risk. We look forward to engaging with stakeholders in our planned workshop to refine and improve our project identification criteria for our next proposal under this Framework.

F.2 A list of sites that Xcel Energy may consider for future Proactive Distribution Upgrades.

No additional sites were identified for inclusion in this Proactive Distribution Upgrade proposal.

F.3 A list of proposed Proactive Distribution Upgrades, including identifying any changes to upgrade locations since the last submission.

The only Proactive Distribution Upgrade included in this Proposal is the following:

- Install Midtown Feeder

There are no applicable changes to upgrade locations, as this is the Company's first proposal under this Framework.

F.4 A narrative description or analysis of the impact of the proposed Proactive Distribution Upgrades on Environmental Justice Areas, as defined by Minn. Stat. §216B.1691, Subd. 1 (e).

Under Minnesota Statutes § 216B.1691, Subdivision 1(e), an Environmental Justice Area is defined as any area in Minnesota that meets one or more of the following criteria based on the most recent U.S. Census Bureau data:

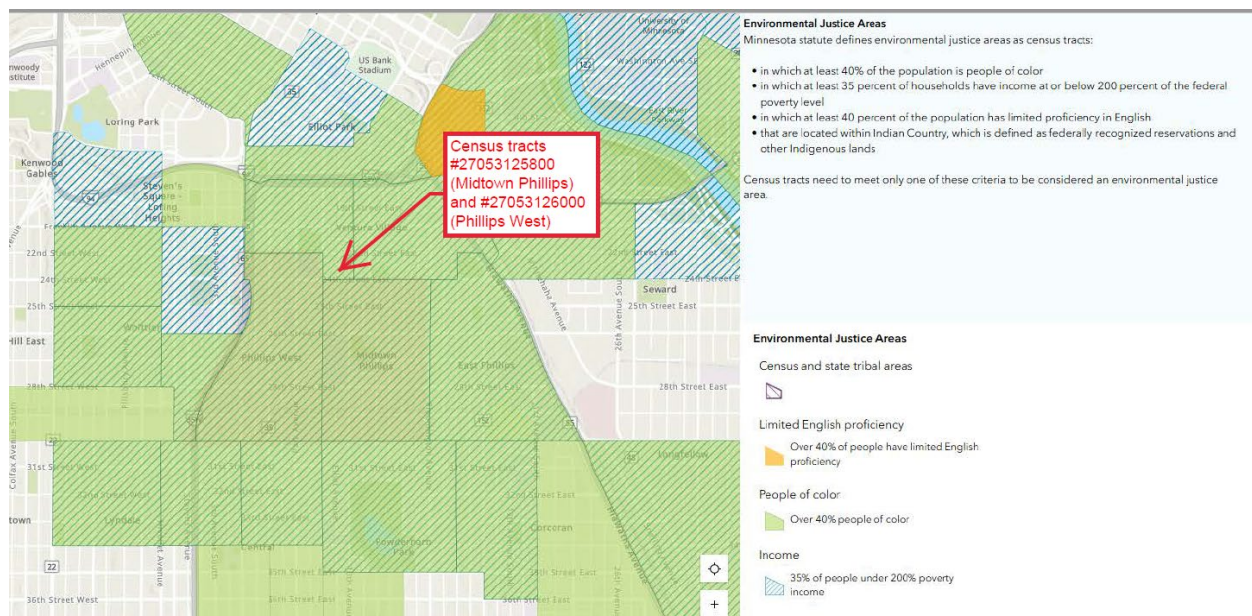
1. 40 percent or more of the population is nonwhite;
2. 35percent or more of households have an income at or below 200 percent of the federal poverty level;
3. 40 percent or more of residents over age five have limited English proficiency;

PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED

4. The area is located within Indian country, as defined in U.S. Code Title 18, Section 1151.

The Minnesota Pollution Control Agency website³ provides a map that identifies Environmental Justice Areas shown by census tract. Below is an excerpt from that map showing the general area for these upgrades and their relationship to designated Environmental Justice Areas.

Figure 2
Environmental Justice Areas Impacted by Proactive Upgrade Proposal



The proposed project would primarily affect the Phillips West neighborhood and Midtown Phillips neighborhood (located just east of the Phillips West neighborhood in the above map). Both neighborhoods include census tracts where over 40 percent of the population identifies as people of color, and more than 35 percent of residents earn less than 200 percent of the federal poverty level.

The new feeder would serve customers across two census tracts designated as Environmental Justice Areas. Census tract #27053125800 has a population that is 72.9 percent people of color, with 54 percent reporting income below 200 percent of the federal poverty level. Census tract #27053126000 has a population that is 76.3

³ <https://experience.arcgis.com/experience/bff19459422443d0816b632be0c25228/page/Page/?views=EJ-areas>

PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED

percent people of color, with 56 percent reporting income below 200 percent of the federal poverty level.

F.5 The total capital cost of all proposed Proactive Distribution Upgrades and the projected total lifetime revenue requirements.

The total capital cost of the project is estimated at \$3.7 million. This is a preliminary, high-level estimate developed using unit costs to reflect the inherent uncertainty at this early stage of planning. It should be considered a “desktop estimate”—a general approximation that does not account for site-specific conditions, potential design complexities, or any non-standard features that may arise during the detailed design and engineering phases. As the project progresses and more information becomes available, this estimate will be refined to reflect actual design and engineering requirements as well as market conditions.

The breakdown of estimated costs and estimated total lifetime revenue requirements is as follows:

- **Substation Costs:** \$500,000
- **Distribution Costs:** \$3.2 million
- **Total:** \$3.7 million
- **Estimated Total Lifetime Revenue Requirement:** \$4,831,433⁴

F.6 For each site where Xcel Energy is proposing a Proactive Distribution Upgrade project, Xcel Energy must provide:

F.6.a Expected type of upgrade.

The project will install a new feeder at the Midtown substation. This upgrade requires a new feeder breaker to be installed within the Midtown substation, and new feeder line to be routed north of the substation toward downtown Minneapolis, in the Phillips neighborhood.

F.6.b Narrative description for why the proposed upgrade or group of upgrades has been selected for the Proactive Distribution Upgrade process.

The new Minneapolis feeder project was selected because building new infrastructure in the area has historically been challenging. By taking a proactive approach in densely

⁴ This total estimate was based on Net Present Value calculation of the total estimated revenue requirements over the life of the asset using the current approved capital structure from Docket E002/21-630.

PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED

populated regions, we can better serve both the Company and our customers. Securing permits can often extend lead times, especially in highly infrastructure dense areas—such as where this new feeder will be located. A project initiated today could take three to four years to complete due to permitting and the need to work with the community to identify viable route options. Planning ahead allows us to deliver service more efficiently and supports our leadership in the clean energy transition.

F.6.c Estimated upgrade cost and duration of construction.

The estimated cost of the upgrade is \$3.7 million, with design and construction expected to take twenty-two to twenty-four months. After the project design is complete, construction will take approximately six to eight months.

F.6.d Increase in load and generation capacity expected to result from the proposed upgrade.

There are many factors involved in calculating a feeder's rated capacity, and until detailed design work is completed, these figures remain preliminary and subject to change. Currently, the estimated rated capacity of the new feeder is 13.9 MVA with a planned loading limit of 10.4 MVA. The estimated Technical Planning Standard (TPS), which represents the planning limit for generation on the feeder, added to the system from this project is 12 MVA.

F.6.e Forecasted period before another upgrade is anticipated to be needed at the same site.

According to the forecast, additional risks are expected to emerge in the area around the same time. To address these risks, more substantial upgrades—such as a new substation—will be necessary. However, due to the uncertainty surrounding future technology adoption and the evolving nature of the distribution grid, it is difficult to predict how long the new feeder will be able to meet the area's capacity needs. That said, assuming all other infrastructure stays the same in the area the new feeder will keep the MDT077 feeder under the planned loading limit until 2045 based on forecasted load.

F.6.f Magnitude of forecasted growth (load or generation) and capacity gap driving the need for the proposed upgrade.

The capacity gap is projected to begin in 2034, when peak load is expected to reach 76 percent of the feeder's rated capacity—exceeding the planning limit of 75 percent. Once peak load surpasses this threshold, distribution upgrades are required to maintain reliability. By 2035, the forecasted peak load increases to 89 percent, and by

PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED

2036, it reaches 100 percent, at which point the feeder becomes overloaded and poses an immediate reliability risk to the system.

If this forecast holds true, there would be only a three-year window between when an upgrade is triggered and when the upgrade must be in service to maintain reliability. Projects of this scale can take twenty-two to twenty-four months to design and construct—assuming a timely start and no delays whatsoever. Because of the high risk of delays with permitting and other factors (outlined above), we believe this proposed new feeder presents a well-timed proactive system upgrade.

F.6.g Classes or characteristics of load or generation driving the need for the proposed upgrade.

The forecast includes energy efficiency and several classes of load and generation, including electric vehicles, solar, beneficial electrification, and new business. A detailed breakdown of these categories is provided in Table 1.

F.6.h A quantitative or qualitative level of confidence of the forecasted need, and/or sensitivity of the forecasted need to deviations from the forecast, driving the need for the specific project. This may include any information gathered from communities, developers, customers (for example if large fleet owners, or other industrial/commercial building customers) and others that informed selection of the site.

As with all forecasts, there is uncertainty surrounding the various components. Because the IDP High Adoption scenario is recommended for this proactive upgrade, the level of uncertainty is higher compared to the Base Case scenario, which carries greater confidence. As shown in Table 1, the expected load growth on this feeder comes from a diverse mix of customer classes and load types. This diversity helps mitigate some of the uncertainty in the forecast, as it is not reliant on the actions of one or two large customers, but rather on the collective behavior of many customers.

Customer adoption rates—particularly in electrification—are the primary drivers of the forecasted load. Stakeholder feedback on customers’ near-term and long-term adoption plans will help reduce uncertainty and improve forecast accuracy in future proposals.

F.6.i Identification of any known additional benefits resulting from the upgrade.

Increasing capacity in an area also enhances reliability and operational efficiency. Greater capacity provides stronger contingency support during unplanned outages

PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED

and allows for more flexibility in system operations. Specifically, it enables easier switching and rerouting during planned outage work, improving overall system resilience. While forecasted solar adoption is not the primary driver for the upgrade, the project will result in increased hosting capacity in the area, supporting future solar integration.

F.6.j Identification of planned capital investment or maintenance work to be coordinated with the proposed Proactive Distribution Upgrade (where appropriate).

There is no known maintenance work to be coordinated with the project.

F.7 For sites that Xcel Energy analyzed but ultimately decided not to upgrade, the reasons Xcel Energy decided not to propose a Proactive Distribution Upgrade at that site.

No other sites were considered for a proactive upgrade.

F.8 For upgrades that are proposed as part of a longer-term plan, Xcel Energy shall provide an assessment of whether they are expandable and whether there would be any potential benefits or costs from doing repeated work in the same area.

Currently, there is no long-term plan for the area that this project could be expanded into. The project involves installing a new feeder from the existing Midtown substation. While it is technically feasible to add additional feeders at the Midtown substation support additional needs in the future, the substation itself cannot be expanded further to accommodate more substation transformers. As a result, any significant future expansion in this area would likely require development outside the existing substation footprint.

G. Proactive Distribution Upgrade Proposal Evaluation Criteria

Each proposed Proactive Distribution Upgrade shall be evaluated using the following criteria, with Xcel Energy providing such information and evaluation as part of its filing:

G.1 The total capital cost of the proposed upgrade and its projected total lifetime revenue requirement.

The project is estimated to cost \$3.7 million and has a projected lifetime of 40 years. This is a preliminary, high-level estimate developed using unit costs to reflect the inherent uncertainty at this early stage of planning. It should be considered a “desktop estimate”—a general approximation that does not account for site-specific conditions,

PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED

potential design complexities, or any non-standard features that may arise during the detailed design and engineering phases. As the project progresses and more information becomes available, this estimate will be refined to reflect actual design and engineering requirements as well as market conditions.

The breakdown of estimated costs and estimated total lifetime revenue requirements is as follows:

- **Substation Costs:** \$500,000
- **Distribution Costs:** \$3.2 million
- **Total:** \$3.7 million

Estimated Total Lifetime Revenue Requirement: \$4,831,433

G.2 The overall capacity gained for both load and generation.

The project expects to add 13.9 MVA of rated capacity. This provides 10.4 MVA of capacity for new load under the planning limit for load, and up to 12 MVA of capacity for new generation under the current TPS.

G.3 The cost per unit of capacity gained.

With an estimated cost of \$3.7 million, and 13.9 MVA of rated capacity added by the upgrade, the cost per unit of capacity gained is approximately \$266/kW.

G.4 The lead time for the upgrade.

The total design and construction timeframe is 22-24 months, assuming a timely start and no delays.

G.5 The risk of deferring the upgrade, or using the existing distribution planning process, including quantifying the potential energization delays (in years) and number of customers impacted by delays.

Deferring this upgrade poses significant risks, including system overloads, prolonged outages, and delays in customer energization—potentially by three or more years. As outlined above, the MDT077 feeder is forecasted to exceed its planning limit within nine years and reach full rated capacity shortly thereafter. Designing and constructing a project of this scale typically takes at least two years, not including the time required to navigate the existing distribution planning process. Permitting delays, which are common in infrastructure dense areas like South Minneapolis, would further extend the timeline. With over 3,000 customers served by this feeder, all could face service

PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED

disruptions and delayed energization if capacity is not available at the time the high electrification adoption forecast materializes. This underscores the urgency and importance of this proactive upgrade.

The energization delay that would be experienced by the customers if the project must be done *after* a capacity constraint arises would be the project lead time; 22-24 months, assuming a timely start to the project and no delays.

G.6 Whether Xcel Energy performed a non-wires alternative (NWA) for the project, and if so, a citation to the results of the analysis in its IDP. If Xcel Energy did not perform an NWA, provide a discussion of alternative measures, if any, that could be taken to mitigate the risk(s) the upgrade is intended to address, including energy-conservation, load-management measures and/ or flexible interconnection.

Due to the timing of when this project was identified and when our Non-Wires Alternatives (NWA) analysis was conducted for our 2025 IDP, we were unable to include it in the 2025 NWA analysis cycle. However, because the project's estimated cost exceeds \$2 million, it is planned for evaluation in next year's NWA analysis.

While a formal NWA analysis has not yet been completed, we recognize that alternative measures—such as energy efficiency, demand response, solar PV, and battery storage—may have the potential to defer or mitigate the need for the proposed upgrade. These resources are routinely considered in our NWA analysis framework as viable options to address system risks and enhance grid performance. Their applicability to this specific project will be assessed in the upcoming analysis cycle.

G.7 The degree of certainty, qualitative or quantitative, of the forecast components driving the forecasted need at that location, and any additional certainty in the magnitude/ scale of investment provided by direct customer engagement.

As with all forecasts, there is uncertainty surrounding the various components. Because the IDP High Adoption scenario is recommended for this proactive upgrade, the level of uncertainty is higher compared to the Base Case scenario, which carries greater confidence. As shown in Table 1, the expected load growth on this feeder comes from a diverse mix of customer classes and load types. This diversity helps mitigate some of the uncertainty in the forecast, as it is not reliant on the actions of one or two large customers, but rather on the collective behavior of many customers.

PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED

Customer adoption rates—particularly in electrification—are the primary drivers of the forecasted load. Stakeholder feedback on customers’ near-term and long-term adoption plans will help reduce uncertainty and improve forecast accuracy in future proposals.

G.8 The remaining estimated useful life of the assets proposed to be replaced.

No assets will be replaced with the construction of the proposed new feeder.

G.9 The estimated number of years beyond the timing of the upgrade that the project would meet the forecasted capacity needs at that location.

Due to the uncertainty surrounding future technology adoption and the evolving nature of the distribution grid, it is difficult to predict how long the new feeder will be able to meet the area's capacity needs. That said, assuming all other infrastructure stays the same the new feeder will keep the MDT077 feeder under the planned loading limit until 2045 based on forecasted load.

G.10 Narrative description or analysis of the impact of the proposed Proactive Distribution Upgrade projects, including impacts on Environmental Justice Areas, as defined by Minn. Stat. §216B.1691, Subd. 1 (e).

The proposed project would primarily affect the Phillips West neighborhood and Midtown Phillips neighborhood (located just east of the Phillips West neighborhood in the above map). Both neighborhoods include census tracts where over 40 percent of the population identifies as people of color and more than 35 percent of residents earn less than 200 percent of the federal poverty level.

The new feeder would serve customers across two census tracts designated as Environmental Justice Areas. Census tract # 27053125800 has a population that is 72.9 percent people of color, with 54 percent reporting income below 200 percent of the federal poverty level. Census tract # 27053126000 has a population that is 76.3 percent people of color, with 56 percent reporting income below 200 percent of the federal poverty level.

PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED

G.11 The benefits additional to increased hosting capacity realized from the upgrade, if any, to reliability, resilience, safety, and asset health, and the value of those benefits, where known.

Increasing capacity in an area also enhances reliability and operational efficiency. Greater capacity provides stronger contingency support during unplanned outages and allows for more flexibility in system operations. Specifically, it enables easier switching and rerouting during planned outage work, improving overall system resilience. While forecasted solar adoption is not the primary driver for the upgrade, the project will result in increased hosting capacity in the area, supporting future solar integration.

G.12 How any additional planned work would be coordinated with the proposed Proactive Distribution Upgrade (where appropriate).

There is no known maintenance work or other planned work in this area to be coordinated with the project. Additionally, this feeder will be routed underground and existing conduits will be used as much as possible.

G.13 The extent to which the upgrade would facilitate progress toward greenhouse gas emission reduction targets.

This project contributes to progress toward greenhouse gas emission reduction targets primarily through the additional hosting capacity provided for load and DER. The additional load hosting capacity (13.9 MVA) provides an alternative to the forced reliance on more GHG intensive energy sources that can occur when there is insufficient load hosting capacity to support electrification. The additional DER hosting capacity (approximately 12 MVA, depending on the load served by the new feeder) provides potential points of interconnection for low carbon energy sources like solar that can help offset GHG emissions from other energy sources.

We refer to our Integrated Resource Plan in Docket No. E002/RP-24-67 for further information on CO2 emission reductions associated with our Preferred Plan which includes significant solar additions.

G.14 Which desired outcomes of the proactive planning process would be facilitated by the proposed upgrade.

The proposed upgrade directly supports several desired outcomes of the proactive planning process:

PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED

- **A.1 – Proactively plan for distribution system upgrades to enable DER and electrification adoption:**

The project addresses forecasted capacity constraints in a high-adoption scenario, where electrification and DER growth are expected to accelerate. By installing a new feeder in South Minneapolis, the upgrade ensures the grid can accommodate future DER interconnections and electrification loads.

- **A.2 – Meet customer expectations by reducing interconnection wait times:**

The upgrade increases available capacity in a densely populated area, reducing the likelihood of delays in interconnecting DERs and new loads. This is particularly important in South Minneapolis, where infrastructure constraints and permitting challenges can significantly extend project timelines.

- **A.3 – Protect ratepayers through rigorous review of proactive investments:**

The project was selected based on a clear forecasted need within the five–10 year window, with no existing funded mitigation. Its cost-effectiveness is demonstrated by a unit cost of approximately \$266/kW of added capacity and its many benefits—including reliability, hosting capacity, and avoided energization delays.

- **A.4 – Maximize system benefits while minimizing costs:**

The upgrade provides both load and generation capacity, improves operational flexibility, and enhances reliability in an area with constrained existing infrastructure. These benefits are achieved with an investment of \$3.7 million, which is in the lower range of typical costs for a new feeder, as described in our response to requirement D.3.

- **A.5 – Limit cost impacts from forecast inaccuracies:**

Although all forecasts are inherently inaccurate, the forecasted need is supported by diverse load drivers—including EVs, beneficial electrification, and commercial growth—reducing reliance on any single customer or class of customers. This diversity helps mitigate the risk of forecast error.

- **A.6 – Anticipate adoption speed by removing grid barriers:**

By proactively adding capacity, the upgrade removes a key barrier to DER and electrification adoption. Without this upgrade, customers may face delays or be unable to electrify, particularly in areas with high growth potential.

- **A.7 – Coordinate impacts to avoid construction bottlenecks:**

Initiating the project now helps avoid future bottlenecks related to permitting and construction in a dense urban area. The proactive timeline aligns with anticipated needs and allows for smoother project execution, decreasing the

PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED

risk of energization delays for customers if construction delays are encountered.

- **A.8 – Achieve lifecycle cost efficiency:**

The project is expected to defer or eliminate the need for more costly and less timely reactive upgrades in the future. By planning ahead, the Company can optimize resource use and reduce long-term spending.

G.15 Feasibility of the projected Proactive Distribution Upgrade project timeline including any foreseeable risks to the timeline.

The project involves a standard feeder design; however, the primary risk to the project timeline is obtaining the necessary permits and identifying a viable route for the feeder line, particularly given the infrastructure density in South Minneapolis.

I. Cost Recovery

As indicated in Section C.6 regarding Process, Xcel Energy must pursue cost recovery through a separate proceeding for any incurred Proactive Distribution Upgrade Proposal expenditures.

The Company intends to seek cost recovery for this project following approval through a rate case proceeding. All project-related costs and cost share fees will be tracked independently in a tracker dedicated to projects initiated under this Framework. Cost share fees will be accrued to a regulatory liability account and subsequently amortized as credits to customers during the test years of a rate case.

I.1 Xcel Energy may request deferred-accounting treatment for approved Proactive Distribution Upgrade investments. The Commission shall grant, deny, or modify the request with the Proactive Distribution Upgrade Proposal decision.

The Company has elected not to pursue deferred accounting treatment for this proposal, aiming instead for cost recovery in a rate case.

I.2 Each approved Proactive Distribution Upgrade shall have a Proactive Cost-Share Window that starts the year that the Proactive Distribution Upgrade project is placed in-service. The duration of the Proactive Cost-Share Window shall be until 10 years after the anticipated need date for the Proactive Distribution Upgrade at the time of approval.

To ensure all capital costs are included in the Proactive Cost-Share Fee, the Company will record the cost share window start date as the in-service date of the proactive

PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED

upgrade and will monitor all costs and cost share fees until 2044, which is 10 years following the anticipated need date.

I.3 Interconnecting customers that apply to interconnect on or before the Proactive Cost-Share Window end date are Proactive Cost-Share Customers unless otherwise exempted under Section J. For generation interconnections, the date of applying to interconnect shall be the Deemed Complete date under the Minnesota Distributed Energy Resource Interconnection Process (MN DIP).

The Company will assess a Proactive Cost-Share Fee to all demand-metered load customers and generation interconnections not subject to the Priority Queue that apply to interconnect to areas of the distribution system impacted by approved Proactive Distribution Grid Upgrades, provided the Proactive Cost-Share Window is open at the time of application (for load customers) or at the time the application is deemed complete (for generation customers).

I.4 During the Proactive Cost-Share Window, Proactive Cost-Share Fees from Proactive Cost-Share Customers act as an offset to the revenue requirements of all Proactive Distribution Upgrades.

The Company will record all cost share fees as a regulatory liability within the PDGU tracker. During each rate case proceeding, the Company will amortize the total outstanding balance of collected Proactive Cost-Share Fees and apply these as credits to the total revenue requirement for the PDGU program during the rate case test years.

I.5 Total Proactive Distribution Upgrade costs recoverable from ratepayers shall be capped in some manner, such as a percentage of the total capacity-related five-year budget in the IDP, or a specified dollar cap on Proactive Distribution Upgrades. The cost cap shall be determined as part of the Commission's first Proactive Distribution Upgrade Proposal decision.

No response is required.

I.6 Capital expenditures that have been offset by Proactive Cost-Share Fees do not count against the cap.

The Company will track all project costs and Proactive Cost-Share Fees as part of this PDGU proposal, in a tracker account. Proactive Cost-Share Fees will be reflected as an offset to the total PDGU program balance and will not count against the program cost cap.

PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED

I.7 The Commission's Proactive Distribution Upgrade Proposal decision creates a rebuttable presumption, in a cost-recovery proceeding, that upgrades completed consistent with the decision are prudent.

No response is required.

I.8 An interested person may submit substantial evidence to rebut the Proactive Upgrade Proposal findings and conclusions in a cost recovery proceeding. Substantial evidence does not include a change in forecasted need that occurs after the utility has initiated construction of a proactive upgrade.

No response is required.

J. Cost Allocation

J.1 If a change is made to distribution planning or other utility standards that impacts the amount of available hosting capacity after a Proactive Distribution Upgrade project has been completed, there shall be no resulting retroactive change in cost-sharing responsibility.

No response is required.

J.2 A \$/kWac fee shall be charged to any Proactive Cost-Share Customers and the dollars returned to ratepayers. The fee shall be calculated at an aggregated, programmatic level for all approved Proactive Distribution Upgrade investments. The fee calculation shall be the total cost of all approved Proactive Distribution Upgrades divided by the total kWac of capacity added by all approved Proactive Distribution Upgrades. This fee shall determine the pro rata cost for any Proactive Cost-Share Customer, load or generation.

The estimated cost of the project is \$3.7 million, and it will add 13.9 MVA of rated capacity. This results in a cost of approximately \$266 per kW of capacity gained. If approved, this would be the first and only project implemented under the Framework, thereby establishing the initial \$/kW fee. While the Proactive Cost-Share Window is currently open for this project, all demand-metered load customers and generation interconnections not subject to the Priority Queue—connecting to either the MDT077 feeder or the new feeder—would be required to pay a Proactive Cost-Share Fee based on the \$266/kW value.

PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED

J.3. When new Proactive Distribution Upgrade Proposals are approved, the total kWac of capacity added and total cost of the newly approved Proactive Distribution Upgrades shall be added respectively to the totals of the previously approved Proactive Distribution Upgrades. The resulting new total kWac of capacity added and total cost of all Proactive Distribution Upgrades shall be used to calculate the new \$/kWac fee that shall be charged to any Proactive Cost-Share Customers beginning after the date the new Proactive Distribution Upgrade Proposal is approved.

If approved, this would be our only proactive upgrade project, making its \$/kW fee the default for the entire program. However, if additional projects are approved in the future, the \$/kW for this project area—and all other proactive upgrade project areas—would be updated using the method outlined in section J.3.

J.4 Any generation interconnections that are subject to the Priority Queue shall not be Proactive Cost-Share Customers.

No response is required.

J.5 Load interconnections that are demand metered shall be Proactive Cost-Share Customers. Load interconnections that are not demand metered shall not be Proactive Cost-Share Customers.

No response is required.

J.6 Any Proactive Distribution Upgrade costs recovered from ratepayers shall be treated consistent with approved rate case allocators and established revenue requirement procedures.

The Company will apply the distribution allocation factors approved in its most recent rate case to projects under this Framework. Additionally, the Company will use the same Revenue Requirement calculation methodology that is applied to traditional rate base assets, ensuring consistency in cost recovery and regulatory treatment.

II. Explanation of Proposed Tariff Changes

The Commission's September 2025 order, at Order Point 7, states:

Xcel Energy shall file proposed tariff pages that implement the relevant portions of the Proactive Distribution Grid Upgrade Framework with its first Proactive Upgrade Proposal. The Commission will issue a notice of comment period, hold a hearing, and issue a written order on the proposed tariff pages before they are included in Xcel Energy's electric

**PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED**

rate book. Alternatively, if no comments are filed opposing the proposed Tariff, the matter may be put on the Commission’s consent calendar.

Consistent with this approach, the Company includes as Attachment A both redlined and clean versions of the proposed tariff sheets to implement the relevant portions of the Framework. The proposed tariff sheets establish a process for identifying, via the tariff, the specific feeders subject to the Proactive Cost Share Fee. They also detail how the fee is applied—based on the date a complete load or generation application is submitted—and specify the fee amount, calculated on a per-kilowatt (\$/kW) basis. Additionally, the tariff outlines the due date for payment, consequences for nonpayment, and the dispute resolution process. The dispute procedures align with existing practices for both load and generation customers. Overall, the proposed tariff closely follows the parameters of the Framework as established by the Commission in Docket No. 24-318.

A key part of the proposed tariff is the following table structure:

Feeder	Applicable to load applications submitted (or generation applications deemed complete) on or after ...	Proactive Cost- Share Fee (\$/kW of estimated Billing Demand [or, as applicable for load applications, and \$/kW of Nameplate Rating as defined in MN DIP for generation applications])	Proactive Cost-Share Window closes for load applications submitted (and generation applications deemed complete) on or after...

The Company anticipates that, over time, various feeders would be added to this tariffed table, along with the applicable dates and Proactive Cost Share Fee for each application. To facilitate timely updates, the Company recommends that the Commission adopt a 30-day negative check-off process for revisions to the proposed tariff. This process would mirror the approach used under the Minnesota Distributed Energy Resources Interconnection Process (MN DIP) Section 1.1.6.2:

When seeking to revise the Proactive Cost-Share Fee tariff, the Company shall file a Notice with the Commission of the proposed revision. The Notice should include a copy of the proposed revised tariff in redline format how the revision would alter the tariff. If no objection or notice of intent to object is filed within 30 days, then the proposed

PUBLIC DOCUMENT
NOT-PUBLIC DATA HAS BEEN EXCISED

revision to the tariff would be considered to be approved by the Commission. If there is a timely filed objection of notice of intent to object, then the proposed revision would not be considered to have been approved by the Commission and could only be used if the Commission subsequently issues a written order authorizing its use.

CONCLUSION

The Company requests that the Commission issue an order which includes the following:

1. Approve the Company's proposed Proactive Grid Upgrade project in this filing, which involves installing a new feeder in the South Minneapolis area to address forecasted loading concerns on an existing feeder served from the Midtown substation.
2. Approve the Company's proposed tariff attached to this filing; and,
3. Approve the Company's proposed 30-day negative checkoff process for implementing changes to this tariff.

Dated: October 31, 2025

Northern States Power Company

Redline

APPLICATION

In Docket No. E002/CI-24-318, the Commission has established a framework for Proactive Distribution Grid Upgrades. The capitalized terms in this tariff reflect the definitions of these same terms as used in that docket. The Commission order(s) in that docket authorize a Proactive Cost-Share Fee to be applied to Proactive Cost-Share Customers. The table below reflects the current Proactive Cost-Share Fee for load and generation interconnections by feeder as authorized by the Commission. This table only applies to the extent to which such a fee should be applied, e.g. it should not be applied to those within the Priority Queue nor to non-demand metered load customers.

PROACTIVE COST-SHARE FEE

<u>Feeder</u>	<u>Applicable to load applications submitted (or generation applications deemed complete) on or after...</u>	<u>Proactive Cost-Share Fee (\$/kW of estimated Billing Demand [or, as applicable contracted firm demand] for load applications, and \$/kW of Nameplate Rating as defined in MN DIP for generation applications)</u>	<u>Proactive Cost-Share Window closes for load applications submitted (and generation applications deemed complete) on or after...</u>

The Proactive Cost-Share Fee may be assessed on or after the date that the load application has been submitted and on or after the date that the generation application has been deemed complete. Payment of the amounts billed is due within 30 business days of the issuance of the bill. Disputes on billing for load customers shall be handled consistently with how billing disputes are handled for load customers. Disputes on billing for generation customers shall be handled consistently with how billing disputes are handled for generation customers under MN DIP. If the payment is past due at the time of the customer's desired load or generation interconnection date, then the interconnection may be delayed by the Company until after the Company has been paid. Any non-payment of amounts due on or after the date of the load or generation interconnection shall be addressed consistently with how non-payment issues are addressed, as applicable, for load and generation customers.

OTHER PROVISIONS

The Proactive Cost-Share Program does not modify eligibility, pricing, or terms under other riders (e.g., Transmission Cost Recovery Rider, Renewable Energy Standard Rider, Renewable Development Fund Rider) unless expressly ordered by the Commission. Service under this Program is subject to orders of the Commission and the General Rules and Regulations of this Electric Rate Book.

Date Filed: 10-31-25

By: Bria E. Shea

Effective Date:

President, Northern States Power Company, a Minnesota corporation

Docket No. E002/M-24-318 & E002/M-25-142

Order Date:

N

N

**DISTRIBUTED GENERATION STANDARD INTERCONNECTION
AND POWER PURCHASE TARIFF
(Continued)**

Section No. 10
~~Original~~ 1st Revised Sheet No. 81.5

Exceptions to MN DIP

This section describes Commission authorized exceptions to the State of Minnesota Distributed Energy Resources Interconnection Process (MN DIP)

1. Variance to MN DIP 1.8.3. The variance to MN DIP 1.8.3 is as follows:

While MN DIP 1.8.3 calls for a single administrative queue by geographical region, the Commission has granted a variance so that the Company has two administrative queues and may manage the queues by geographical region (i.e. feeder, substation, etc.) One queue is for "customer-sited" Interconnection Applications up to 40 kWac (the "Priority Queue"), and the other queue is for all other Interconnection Applications (the "General Queue"). Further, applications that are a part of the Solar for Schools or Solar on Public Buildings legislative programs shall also be in the Priority Queue if they also comply with the 120 percent rule described below. A "customer-sited" Interconnection Application is one that complies with the "120 percent rule" whereby the total generation system annual energy production kilowatt hours alternating current is limited to 120 percent of the customer's on-site annual electric energy consumption. For existing customers, the application of the 120 percent rule must be based on standard 15-minute intervals, measured during the previous 12 calendar months. If a facility subject has either less than 12 calendar months of actual electric usage or has no demand metering available, then the means of estimating annual demand or usage for purposes of applying these limits will be based on looking at information for similarly situated customers. Applications in the Priority Queue have priority over applications in the General Queue unless a specific application in the General Queue has already begun a System Impact Study or been issued an Interconnection Agreement.

2. Variance to MN DIP with Inclusion of Proactive Cost-Share Fee. The variance to MN DIP is as follows:

A Proactive Cost-Share Fee may be assessed on or after the date that the generation application has been deemed complete. Payment of the amounts billed is due within 30 Business Days of the issuance of the bill. Further details on the Proactive Cost-Share Fee, including the amount of the fee and when it applies, are set forth in the Company tariff provisions addressing the Proactive Cost-Share Fee.

(Continued on Sheet No. 10-82)

Date Filed: ~~05-15-24~~ 10-31-25 By: ~~Ryan J. Long~~ Bria E. Shea Effective Date: ~~05-15-24~~
President, Northern States Power Company, a Minnesota corporation
Docket No. ~~E999/CI-16-521 & E002/M-18-~~ Order Date: ~~04-15-24~~
~~744E002/CI-24-318 & E002/M-25-~~
~~142~~

Clean

MINNESOTA ELECTRIC RATE BOOK - MPUC NO. 2

PROACTIVE COST-SHARE FEE

Section No. 5
 Original Sheet No. 171

APPLICATION

In Docket No. E002/CI-24-318, the Commission has established a framework for Proactive Distribution Grid Upgrades. The capitalized terms in this tariff reflect the definitions of these same terms as used in that docket. The Commission order(s) in that docket authorize a Proactive Cost-Share Fee to be applied to Proactive Cost-Share Customers. The table below reflects the current Proactive Cost-Share Fee for load and generation interconnections by feeder as authorized by the Commission. This table only applies to the extent to which such a fee should be applied, e.g. it should not be applied to those within the Priority Queue nor to non-demand metered load customers.

PROACTIVE COST-SHARE FEE

Feeder	Applicable to load applications submitted (or generation applications deemed complete) on or after...	Proactive Cost-Share Fee (\$/kW of estimated Billing Demand [or, as applicable contracted firm demand] for load applications, and \$/kW of Nameplate Rating as defined in MN DIP for generation applications)	Proactive Cost-Share Window closes for load applications submitted (and generation applications deemed complete) on or after...

The Proactive Cost-Share Fee may be assessed on or after the date that the load application has been submitted and on or after the date that the generation application has been deemed complete. Payment of the amounts billed is due within 30 business days of the issuance of the bill. Disputes on billing for load customers shall be handled consistently with how billing disputes are handled for load customers. Disputes on billing for generation customers shall be handled consistently with how billing disputes are handled for generation customers under MN DIP. If the payment is past due at the time of the customer's desired load or generation interconnection date, then the interconnection may be delayed by the Company until after the Company has been paid. Any non-payment of amounts due on or after the date of the load or generation interconnection shall be addressed consistently with how non-payment issues are addressed, as applicable, for load and generation customers.

OTHER PROVISIONS

The Proactive Cost-Share Program does not modify eligibility, pricing, or terms under other riders (e.g., Transmission Cost Recovery Rider, Renewable Energy Standard Rider, Renewable Development Fund Rider) unless expressly ordered by the Commission. Service under this Program is subject to orders of the Commission and the General Rules and Regulations of this Electric Rate Book.

N
 N

**DISTRIBUTED GENERATION STANDARD INTERCONNECTION
AND POWER PURCHASE TARIFF
(Continued)**

Section No. 10
1st Revised Sheet No. 81.5

Exceptions to MN DIP

This section describes Commission authorized exceptions to the State of Minnesota Distributed Energy Resources Interconnection Process (MN DIP)

1. Variance to MN DIP 1.8.3. The variance to MN DIP 1.8.3 is as follows:

While MN DIP 1.8.3 calls for a single administrative queue by geographical region, the Commission has granted a variance so that the Company has two administrative queues and may manage the queues by geographical region (i.e. feeder, substation, etc.) One queue is for "customer-sited" Interconnection Applications up to 40 kWac (the "Priority Queue"), and the other queue is for all other Interconnection Applications (the "General Queue"). Further, applications that are a part of the Solar for Schools or Solar on Public Buildings legislative programs shall also be in the Priority Queue if they also comply with the 120 percent rule described below. A "customer-sited" Interconnection Application is one that complies with the "120 percent rule" whereby the total generation system annual energy production kilowatt hours alternating current is limited to 120 percent of the customer's on-site annual electric energy consumption. For existing customers, the application of the 120 percent rule must be based on standard 15-minute intervals, measured during the previous 12 calendar months. If a facility subject has either less than 12 calendar months of actual electric usage or has no demand metering available, then the means of estimating annual demand or usage for purposes of applying these limits will be based on looking at information for similarly situated customers. Applications in the Priority Queue have priority over applications in the General Queue unless a specific application in the General Queue has already begun a System Impact Study or been issued an Interconnection Agreement.

2. Variance to MN DIP with Inclusion of Proactive Cost-Share Fee. The variance to MN DIP is as follows:

A Proactive Cost-Share Fee may be assessed on or after the date that the generation application has been deemed complete. Payment of the amounts billed is due within 30 Business Days of the issuance of the bill. Further details on the Proactive Cost-Share Fee, including the amount of the fee and when it applies, are set forth in the Company tariff provisions addressing the Proactive Cost-Share Fee.

N
|
N

(Continued on Sheet No. 10-82)

Date Filed: 10-31-25 By: Bria E. Shea Effective Date:
President, Northern States Power Company, a Minnesota corporation
Docket No. E002/CI-24-318 & E002/M-25-142 Order Date:

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 NOS. E002/M-25-142
E002/CI-24-318

Dated this 31st 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
1	Daniel	Abelson	daniel.abelson@metc.state.mn.us	Metropolitan Council		390 Robert Street N. St. Paul MN, 55101 United States	Electronic Service		No	M-25-142
2	Brian	Allen	brian.allen@allenergysolar.com	All Energy Solar, Inc		1642 Carroll Ave Saint Paul MN, 55104 United States	Electronic Service		No	M-25-142
3	Michael	Allen	michael.allen@allenergysolar.com	All Energy Solar		721 W 26th st Suite 211 Minneapolis MN, 55405 United States	Electronic Service		No	M-25-142
4	Ellen	Anderson	ellena@umn.edu	325 Learning and Environmental Sciences		1954 Buford Ave Saint Paul MN, 55108 United States	Electronic Service		No	M-25-142
5	Janet	Anderson	jcainstp@icloud.com	-		1799 Sargent St. St. Paul MN, 55105 United States	Electronic Service		No	M-25-142
6	Jay	Anderson	jaya@cmpas.org	CMPAS		7550 Corporate Way Suite 100 Eden Prairie MN, 55344 United States	Electronic Service		No	M-25-142
7	MK	Anderson	anderson@fresh-energy.org	Fresh Energy		408 St Peter Street Saint Paul MN, 55102 United States	Electronic Service		No	M-25-142
8	David	Assaf	daassaf@flaherty-hood.com	Flaherty & Hood, P.A.		525 Park Street Suite 470 St. Paul MN, 55102 United States	Electronic Service		No	M-25-142
9	Donna	Attanasio	dattanasio@gwu.edu	George Washington University		2000 H Street NW Washington DC, 20052 United States	Electronic Service		No	M-25-142
10	John	Bailey	bailey@ilsr.org	Institute For Local Self-Reliance		1313 5th St SE Ste 303 Minneapolis MN, 55414 United States	Electronic Service		No	M-25-142
11	Anjali	Bains	bains@fresh-energy.org	Fresh Energy		408 Saint Peter Ste 220 Saint Paul MN, 55102 United States	Electronic Service		No	M-25-142
12	Mark	Bakk	mbakk@lcp.coop	Lake Country Power		26039 Bear Ridge Drive Cohasset MN, 55721 United States	Electronic Service		No	M-25-142
13	Jared	Ballew	jared.ballew@ev.energy	EV.ENERGY CORP		726 18th St. Des Moines IA, 50314 United States	Electronic Service		No	M-25-142
14	Shay	Banton	shayb@irecusa.org	Interstate Renewable Energy Council		600 H Street NE Apt. 341 Washington DC, 20002 United States	Electronic Service		No	M-25-142
15	Laura	Beaton	beaton@smwlaw.com	Shute, Mihaly & Weinberger LLP		396 Hayes Street San Francisco CA, 94102 United States	Electronic Service		No	M-25-142

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
16	Mathias	Bell	mathias@weavegrid.com	WeaveGrid		375 Alabama Street, Suite 325 San Francisco CA, 94110 United States	Electronic Service		No	M-25-142
17	Jeff	Benson	jbenson@southcentralelectric.com	South Central Electric Association		PO Box 150 71176 Tiell Drive St. James MN, 56081 United States	Electronic Service		No	M-25-142
18	Sasha	Bergman	sasha.bergman@state.mn.us		Public Utilities Commission		Electronic Service		Yes	M-25-142
19	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	M-25-142
20	Barb	Bischoff	barb.bischoff@nngco.com	Northern Natural Gas Co.		CORP HQ, 714 1111 So. 103rd Street Omaha NE, 68124-1000 United States	Electronic Service		No	M-25-142
21	Ingrid	Bjorklund	ibjorklund@avisenlegal.com	Avisen Legal		901 S. Marquette Ave. #1675 Minneapolis MN, 55402 United States	Electronic Service		No	M-25-142
22	Ingrid	Bjorklund	ingrid@bjorklundlaw.com	Bjorklund Law, PLLC		855 Village Center Drive #256 North Oaks MN, 55127 United States	Electronic Service		No	M-25-142
23	William	Black	bblack@mmua.org	MMUA		Suite 200 3131 Fernbrook Lane North Plymouth MN, 55447 United States	Electronic Service		No	M-25-142
24	Kenneth	Bradley	kbradley@environmentminnesota.org			2837 Emerson Ave S Apt CW112 Minneapolis MN, 55408 United States	Electronic Service		No	M-25-142
25	Jon	Brekke	jbrekke@greenergy.com	Great River Energy		12300 Elm Creek Boulevard Maple Grove MN, 55369-4718 United States	Electronic Service		No	M-25-142
26	Kathleen	Brennan	kbrennan@spencerfane.com	Spencer Fane LLP		100 South Fifth Street, Suite 2500 Minneapolis MN, 55402 United States	Electronic Service		No	M-25-142
27	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	M-25-142
28	Mark B.	Bring	mbring@otpc.com	Otter Tail Power Company		215 South Cascade Street PO Box 496 Fergus Falls	Electronic Service		No	M-25-142

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						MN, 56538-0496 United States				
29	Matthew	Brodin	mbrodin@allete.com	Minnesota Power		30 West Superior Street Duluth MN, 55802 United States	Electronic Service		No	M-25-142
30	Ed	Brolin	ed.brolin@rwe.com	RWE Clean Energy		100 Summit Lake Drive Suite 210 Valhalla NY, 10595 United States	Electronic Service		No	M-25-142
31	Christopher	Browning	christopher.browning@nexteraenergy.com			null null, null United States	Electronic Service		No	M-25-142
32	Christina	Brusven	cbrusven@fredlaw.com	Fredrikson Byron		60 S 6th St Ste 1500 Minneapolis MN, 55402-4400 United States	Electronic Service		No	M-25-142
33	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	M-25-142
34	Jessica	Burdette	jessica.burdette@state.mn.us		Department of Commerce	85 7th Place East Suite 500 St. Paul MN, 55101 United States	Electronic Service		No	M-25-142
35	Jerry	Byer	jbyer@itasca-mantrap.com	Itasca-Mantrap Coop. Electrical Ass'n		PO Box 192 Park Rapids MN, 56470 United States	Electronic Service		No	M-25-142
36	Jennifer	Cady	jjcady@mnpower.com	Minnesota Power		30 W Superior St Duluth MN, 55802 United States	Electronic Service		No	M-25-142
37	Daniel T	Carlisle	todd-wad@toddwadena.coop	Todd-Wadena Electric Cooperative		550 Ash Ave NE PO Box 431 Wadena MN, 56482 United States	Electronic Service		No	M-25-142
38	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	M-25-142
39	Pat	Carruth	pat@mnvalleyrec.com	Minnesota Valley Coop. Light & Power Assn.		501 S 1st St. PO Box 248 Montevideo MN, 56265 United States	Electronic Service		No	M-25-142
40	Gabriel	Chan	gabechan@umn.edu			130 Hubert H. Humphrey Center 301 19th Ave S Minneapolis MN, 55455 United States	Electronic Service		No	M-25-142
41	Ray	Choquette	rchoquette@agp.com	Ag Processing Inc.		12700 West Dodge Road PO Box 2047 Omaha NE, 68103-2047 United States	Electronic Service		No	M-25-142

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
42	Eric	Clement	eclement@mnpower.com	Minnesota Power		null null, null United States	Electronic Service		No	M-25-142
43	City	Clerk	gregg.engdahl@ci.stcloud.mn.us	City of St. Cloud		400 Second St. S St. Cloud MN, 56301 United States	Electronic Service		No	M-25-142
44	Joshua	Cohen	josh.cohen@swtchenergy.com	SWTCH Energy, Inc.		Greentown Labs 444 Somerville Avenue Somerville MA, 02143 United States	Electronic Service		No	M-25-142
45	Kenneth A.	Colburn	kcolburn@symbioticstrategies.com	Symbiotic Strategies, LLC		26 Winton Road Meredith NH, 32535413 United States	Electronic Service		No	M-25-142
46	Steve	Coleman	stevecolemanpuma@gmail.com			231 Winifred St W Saint Paul MN, 55107 United States	Electronic Service		No	M-25-142
47	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	M-25-142
48	Kevin	Cray	kevin@communitysolaraccess.org	CCSA		1644 Platte St Denver CO, 80202 United States	Electronic Service		No	M-25-142
49	George	Crocker	gwillc@nawo.org	North American Water Office		5093 Keats Avenue Lake Elmo MN, 55042 United States	Electronic Service		No	M-25-142
50	Stacy	Dahl	sdahl@minnkota.com	Minnkota Power Cooperative, Inc.		5301 32nd Ave S Grand Forks ND, 58201 United States	Electronic Service		No	M-25-142
51	George	Damian	gdamian@cleanenergyeconomymn.org	Clean Energy Economy MN		13713 Washburn Ave S Burnsville MN, 55337 United States	Electronic Service		No	M-25-142
52	Lisa	Daniels	lisadaniels@windustry.org	Windustry		201 Ridgewood Ave Minneapolis MN, 55403 United States	Electronic Service		No	M-25-142
53	James	Darabi	james.darabi@solarfarm.com			2355 Fairview Ave #101 St. Paul MN, 55113 United States	Electronic Service		No	M-25-142
54	Cody	Davis	cdavis@epeconsulting.com	Electric Power Engineers (ELPC/VS)		null null, null United States	Electronic Service		No	M-25-142
55	Danielle	DeMarre	danielle.demarre@allenergysolar.com	All Energy Solar		1264 Energy Lane St Paul MN, 55108 United States	Electronic Service		No	M-25-142
56	Timothy	DenHerder Thomas	timothy@cooperativeenergyfutures.com	Cooperative Energy Futures		3500 Bloomington Ave. S Minneapolis MN, 55407 United States	Electronic Service		No	M-25-142

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
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	M-25-142
58	Curt	Dieren	curt.dieren@dgr.com	L&O Power Cooperative		1302 S Union St Rock Rapids IA, 51246 United States	Electronic Service		No	M-25-142
59	Cheryl	Dietrich	cheryl.dietrich@nexteraenergy.com	NextEra Energy Resources, LLC		700 Universe Blvd E1W/JB Juno Beach FL, 33408 United States	Electronic Service		No	M-25-142
60	Diane	Dietz	diane.dietz@state.mn.us		Department of Commerce	Suite 280 85 Seventh Place East St. Paul MN, 55101-2198 United States	Electronic Service		No	M-25-142
61	Ian M.	Dobson	ian.m.dobson@xcelenergy.com	Xcel Energy		414 Nicollet Mall, 401-8 Minneapolis MN, 55401 United States	Electronic Service		No	M-25-142
62	Kristin	Dolan	kdolan@meeker.coop	Meeker Cooperative Light & Power Assn		1725 US Hwy 12 E. Ste 100 Litchfield MN, 55355 United States	Electronic Service		No	M-25-142
63	Renee	Doyle	guydoyleelectric@gmail.com	Doyle Electric Inc.		PO Box 295 Amboy MN, 56010 United States	Electronic Service		No	M-25-142
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	M-25-142
65	Adam	Duininck	aduininck@ncsrcc.org	North Central States Regional Council of Carpenters		700 Olive Street St. Paul MN, 55130 United States	Electronic Service		No	M-25-142
66	Scott	Dunbar	sdunbar@kfwlaw.com	Keyes & Fox LLP		1580 Lincoln St Ste 880 Denver CO, 80203 United States	Electronic Service		No	M-25-142
67	John R.	Dunlop, P.E.	jdunlop@resminn.com	Renewable Energy Services		Suite 300 448 Morgan Ave. S. Minneapolis MN, 55405-2030 United States	Electronic Service		No	M-25-142
68	Hannah	Dunn	hannah.dunn@oakdalemn.gov	City of Oakdale		1584 Hadley Ave N Oakdale MN, 55104 United States	Electronic Service		No	M-25-142
69	Kelly	Dybdahl	kdybdahl@llec.coop	Lyon-Lincoln Electric Cooperative, Inc.		205 W. Hwy. 14 Tyler MN, 56178 United States	Electronic Service		No	M-25-142
70	Brian	Edstrom	briane@cubminnesota.org	Citizens Utility Board of Minnesota		332 Minnesota St Ste W1360 Saint Paul MN, 55101 United States	Electronic Service		No	M-25-142
71	Dick	Edwards	dedwards@ci.maple-grove.mn.us	City of Maple Grove		12800 Arbor Lakes Parkway	Electronic Service		No	M-25-142

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						P O Box 1180 Maple Grove MN, 55311- 6180 United States				
72	William	Ehrlich	wehrlich@tesla.com	Tesla, Inc.		3500 Deer Creek Rd Palo Alto CA, 94304 United States	Electronic Service		No	M-25- 142
73	Kristen	Eide Tollefson	healingsystems69@gmail.com	R-CURE		28477 N Lake Ave Frontenac MN, 55026- 1044 United States	Electronic Service		No	M-25- 142
74	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	M-25- 142
75	R. Neal	Elliot	rnelliott@aceee.org	American Council for an Energy-Efficient Economy		ACEEE 529 14th St NW Ste 600 Washington DC, 20045 United States	Electronic Service		No	M-25- 142
76	Nadav	Enbar	nenbar@epri.com	EPRI		1117 Quince Ave Boulder CO, 80304 United States	Electronic Service		No	M-25- 142
77	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	M-25- 142
78	Christian	Fenstermacher	christian.fenstermacher@owatonnautilities.com	Owatonna Municipal Public Utilities		PO Box 800 208 S Walnut Ave Owatonna MN, 55060 United States	Electronic Service		No	M-25- 142
79	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	M-25- 142
80	Christine	Fox	cfox@itasca-mantrap.com	Itasca-Mantrap Coop. Electric Assn.		PO Box 192 Park Rapids MN, 56470 United States	Electronic Service		No	M-25- 142
81	Kornbaum	Frank	fkornbaum@mnpower.com			null null, null United States	Electronic Service		No	M-25- 142
82	Nathan	Franzen	nathan@nationalgridrenewables.com	Geronimo Energy, LLC		8400 Normandale Lake Blvd Ste 1200 Bloomington MN, 55437 United States	Electronic Service		No	M-25- 142
83	David	Freestate	dfreestate@epri.com	EPRI		942 Corridor Park Blvd Knoxville TN, 37932 United States	Electronic Service		No	M-25- 142
84	Katelyn	Frye	kfrye@mnpower.com	Minnesota Power		30 W Superior St Duluth MN, 55802-2093 United States	Electronic Service		No	M-25- 142

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
85	Jessica	Fyhrie	jfyhrie@otpco.com	Otter Tail Power Company		PO Box 496 Fergus Falls MN, 56538-0496 United States	Electronic Service		No	M-25-142
86	Edward	Garvey	garveyed@aol.com	Residence		32 Lawton St Saint Paul MN, 55102 United States	Electronic Service		No	M-25-142
87	Allen	Gleckner	gleckner@fresh-energy.org	Fresh Energy		408 St. Peter Street Ste 350 Saint Paul MN, 55102 United States	Electronic Service		No	M-25-142
88	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	M-25-142
89	Jenny	Glumack	jenny@mrea.org	Minnesota Rural Electric Association		11640 73rd Ave N Maple Grove MN, 55369 United States	Electronic Service		No	M-25-142
90	Sean	Gosiewski	sean@afors.org	Alliance for Sustainability		2801 21st Ave S Ste 100 Minneapolis MN, 55407 United States	Electronic Service		No	M-25-142
91	Scott	Greenbert	scott@nautilussolar.com	Nautilus Solar Energy, LLC		396 Springfield Ave, Ste 2 Summit NJ, 07901 United States	Electronic Service		No	M-25-142
92	Sarah	Groebner	sgroebner@redwoodelectric.com	Redwood Electric Cooperative		60 Pine St Clements MN, 56224 United States	Electronic Service		No	M-25-142
93	Tim	Gross	tgross@fuelingmn.com	Fueling Minnesota		3244 Rice Street St. Paul MN, 55126 United States	Electronic Service		No	M-25-142
94	Cody	Gustafson	cgustafson@mnpower.com			null null, null United States	Electronic Service		No	M-25-142
95	Tom	Guttormson	tom.guttormson@connexusenergy.com	Connexus Energy		14601 Ramsey Blvd Ramsey MN, 55303 United States	Electronic Service		No	M-25-142
96	Natalie	Haberman	townsend@fresh-energy.org	Fresh Energy		408 St Peter St # 350 St. Paul MN, 55102 United States	Electronic Service		No	M-25-142
97	Nicholas	Haeg	haeg@fresh-energy.org			12298 Bass Trail Sauk Centre MN, 56378 United States	Electronic Service		No	M-25-142
98	James	Haler	jhaler@southcentralelectric.com	South Central Electric Association		71176 Tiell Dr P. O. Box 150 St. James MN, 56081 United States	Electronic Service		No	M-25-142
99	Joe	Halso	joe.halso@sierraclub.org	Sierra Club		1536 Wynkoop St Ste 200 Denver CO, 80202 United States	Electronic Service		No	M-25-142

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
100	Donald	Hanson	dfhanson@ieee.org			P. O. Box 44579 Eden Prairie MN, 55344 United States	Electronic Service		No	M-25-142
101	John	Harlander	john.c.harlander@xcelenergy.com	Xcel Energy		null null, null United States	Electronic Service		No	M-25-142
102	Kim	Havey	kim.havey@minneapolismn.gov	City of Minneapolis		350 South 5th Street, Suite 315M Minneapolis MN, 55415 United States	Electronic Service		No	M-25-142
103	Todd	Headlee	theadlee@dvigridsolutions.com	Dominion Voltage, Inc.		701 E. Cary Street Richmond VA, 23219 United States	Electronic Service		No	M-25-142
104	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	M-25-142
105	Tiana	Heger	thegeer@mnpower.com	Minnesota Power		30 W. Superior Street Duluth MN, 55802 United States	Electronic Service		No	M-25-142
106	Adam	Heinen	aheinen@dakotaelectric.com	Dakota Electric Association		4300 220th St W Farmington MN, 55024 United States	Electronic Service		No	M-25-142
107	Annete	Henkel	mui@mnuutilityinvestors.org	Minnesota Utility Investors		413 Wacouta Street #230 St.Paul MN, 55101 United States	Electronic Service		No	M-25-142
108	Jessy	Hennesy	jessy.hennesy@avantenergy.com	Avant Energy		220 S. Sixth St. Ste 1300 Minneapolis MN, 55402 United States	Electronic Service		No	M-25-142
109	Mari	Hernandez	mari@irecusa.org	IREC		null null, null United States	Electronic Service		No	M-25-142
110	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		No	M-25-142
111	Joe	Hoffman	ja.hoffman@smmpa.org	SMMPA		500 First Ave SW Rochester MN, 55902-3303 United States	Electronic Service		No	M-25-142
112	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	M-25-142
113	Casey	Horan	choran@edf.org	Environmental Defense Fund		123 Mission St San Francisco CA, 94105 United States	Electronic Service		No	M-25-142
114	Ronald	Horman	rhorman@redwoodelectric.com	Redwood Electric Cooperative		60 Pine Street Clements MN, 56224 United States	Electronic Service		No	M-25-142

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
115	Samantha	Houston	shouston@ucsusa.org	Union of Concerned Scientists		1825 K St. NW Ste 800 Washington DC, 20006 United States	Electronic Service		No	M-25-142
116	Lori	Hoyum	lhoyum@mnpower.com	Minnesota Power		30 West Superior Street Duluth MN, 55802 United States	Electronic Service		No	M-25-142
117	Jan	Hubbard	jan.hubbard@comcast.net			7730 Mississippi Lane Brooklyn Park MN, 55444 United States	Electronic Service		No	M-25-142
118	Dean	Hunter	dean.hunter@state.mn.us		Minnesota Department of Labor & Industry	443 Lafayette Rd N St. Paul MN, 55155-4341 United States	Electronic Service		No	M-25-142
119	Reuben	Hunter	bhunter@madisonei.com	Madison Energy Investments		8100 Boone Blvd Suite 430 Vienna VA, 22182 United States	Electronic Service		No	M-25-142
120	Casey	Jacobson	cjacobson@bepc.com	Basin Electric Power Cooperative		1717 East Interstate Avenue Bismarck ND, 58501 United States	Electronic Service		No	M-25-142
121	John S.	Jaffray	jjaffray@jjrpower.com	JJR Power		350 Highway 7 Suite 236 Excelsior MN, 55331 United States	Electronic Service		No	M-25-142
122	Robert	Jagusch	rjagusch@mmua.org	MMUA		3025 Harbor Lane N Minneapolis MN, 55447 United States	Electronic Service		No	M-25-142
123	Chris	Jarosch	chris@carrcreekelectricservice.com	Carr Creek Electric Service, LLC		209 Sommers Street North Hudson WI, 54016 United States	Electronic Service		No	M-25-142
124	Alan	Jenkins	aj@jenkinsatlaw.com	Jenkins at Law		2950 Yellowtail Ave. Marathon FL, 33050 United States	Electronic Service		No	M-25-142
125	Richard	Johnson	rick.johnson@lawmoss.com	Moss & Barnett		150 S. 5th Street Suite 1200 Minneapolis MN, 55402 United States	Electronic Service		No	M-25-142
126	Sarah	Johnson Phillips	sjphillips@stoel.com	Stoel Rives LLP		33 South Sixth Street Suite 4200 Minneapolis MN, 55402 United States	Electronic Service		No	M-25-142
127	Nate	Jones	njones@hcpd.com	Heartland Consumers Power		PO Box 248 Madison SD, 57042 United States	Electronic Service		No	M-25-142
128	Philip	Jones	phil@evtransportationalliance.org			1402 Third Ave Ste 1315 Seattle WA, 98101 United States	Electronic Service		No	M-25-142
129	Julie	Jorgensen	julie@greenmark.us.com	Greenmark Solar		4630 Quebec Ave N New Hope	Electronic Service		No	M-25-142

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						MN, 55428-4973 United States				
130	Kevin	Joyce	kjoyce@tesla.com			null null, null United States	Electronic Service		No	M-25-142
131	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	M-25-142
132	Camille	Kadoch	ckadoch@raponline.org	Regulatory Assistance Project		50 State Street Suite 3 Montpelier VT, 05602 United States	Electronic Service		No	M-25-142
133	Cliff	Kaehler	cliff.kaehler@novelenergy.biz	Novel Energy Solutions LLC		4710 Blaylock Way Inver Grove Heights MN, 55076 United States	Electronic Service		No	M-25-142
134	Ralph	Kaehler	ralph.kaehler@gmail.com			13700 Co. Rd. 9 Eyota MN, 55934 United States	Electronic Service		No	M-25-142
135	Michael	Kampmeyer	mkampmeyer@a-e-group.com	AEG Group, LLC		260 Salem Church Road Sunfish Lake MN, 55118 United States	Electronic Service		No	M-25-142
136	Nick	Kaneski	nick.kaneski@enbridge.com	Enbridge Energy Company, Inc.		11 East Superior St Ste 125 Duluth MN, 55802 United States	Electronic Service		No	M-25-142
137	Jack	Kegel	jkegel@mmua.org	MMUA		3025 Harbor Lane N Suite 400 Plymouth MN, 55447-5142 United States	Electronic Service		No	M-25-142
138	William	Kenworthy	will@votesolar.org			1 South Dearborn St Ste 2000 Chicago IL, 60603 United States	Electronic Service		No	M-25-142
139	Samuel B.	Ketchum	sketchum@kennedy-graven.com	Kennedy & Graven, Chartered		150 S 5th St Ste 700 Minneapolis MN, 55402 United States	Electronic Service		No	M-25-142
140	Tom	Key	tkey@epri.com	EPRI		942 Corridor Park Blvd Knoxville TN, 37932 United States	Electronic Service		No	M-25-142
141	Bobby	King	bking@solarunitedneighbors.org	Solar United Neighbors		3140 43rd Ave S Minneapolis MN, 55406 United States	Electronic Service		No	M-25-142
142	Jack	Kluempke	jack.kluempke@state.mn.us		Department of Commerce	85 7th Place East Suite 600 St. Paul MN, 55101 United States	Electronic Service		No	M-25-142
143	Aaron	Knoll	aknoll@greeneespel.com	Greene Espel PLLP		222 South Ninth Street Suite 2200 Minneapolis	Electronic Service		No	M-25-142

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						MN, 55402 United States				
144	Steve	Kosbab	skosbab@meeker.coop	Meeker Cooperative Light and Power		1725 US Hwy 12 E Litchfield MN, 55355 United States	Electronic Service		No	M-25- 142
145	Nathan	Kostiuk	nathan.c.kostiuk@xcelenergy.com	Xcel Energy		414 Nicollet Mall, 401-07 Minneapolis MN, 55401 United States	Electronic Service		No	M-25- 142
146	Brian	Krambeer	bkrambeer@mienergy.coop	MiEnergy Cooperative		PO Box 626 31110 Cooperative Way Rushford MN, 55971 United States	Electronic Service		No	M-25- 142
147	Michael	Krause	michaelkrause61@yahoo.com			1200 Plymouth Avenue Minneapolis MN, 55411 United States	Electronic Service		No	M-25- 142
148	Michael	Krikava	mkrikava@taftlaw.com	Taft Stettinius & Hollister LLP		2200 IDS Center 80 S 8th St Minneapolis MN, 55402 United States	Electronic Service		No	M-25- 142
149	Corrina	Kumpe	ckumpe@mysunshare.com			null null, null United States	Electronic Service		No	M-25- 142
150	Matthew	Lacey	mlacey@grenergy.com	Great River Energy		12300 Elm Creek Boulevard Maple Grove MN, 55369- 4718 United States	Electronic Service		No	M-25- 142
151	James D.	Larson	james.larson@avantenergy.com	Avant Energy Services		220 S 6th St Ste 1300 Minneapolis MN, 55402 United States	Electronic Service		No	M-25- 142
152	Mark	Larson	mlarson@meeker.coop	Meeker Coop Light & Power Assn		1725 Highway 12 E Ste 100 Litchfield MN, 55355 United States	Electronic Service		No	M-25- 142
153	Burnell	Lauer	blauer.sundial@gmail.com	Sundial Solar		3209 W. 76th St #305 Edina MN, 55435 United States	Electronic Service		No	M-25- 142
154	Dean	Leischow	dean@sunrisenrg.com	Sunrise Energy Ventures		315 Manitoba Ave Ste 200 Wayzata MN, 55391 United States	Electronic Service		No	M-25- 142
155	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	M-25- 142
156	Benjamin	Levine	blevine@mnpower.com	Minnesota Power		30 West Superior Street Duluth MN, 55802 United States	Electronic Service		No	M-25- 142
157	Becky	Li	bli@rmi.org			17 State St 25th floor unit 2500 New York NY,	Electronic Service		No	M-25- 142

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						10004 United States				
158	Amy	Liberkowski	amy.a.liberkowski@xcelenergy.com	Xcel Energy		414 Nicollet Mall 7th Floor Minneapolis MN, 55401-1993 United States	Electronic Service		No	M-25-142
159	Carl	Linville	clinville@raponline.org			50 State Street Suite #3 Montpelier VT, 05602 United States	Electronic Service		No	M-25-142
160	Phillip	Lipetsky	greenenergyproductsllc@gmail.com	Green Energy Products		PO Box 108 Springfield MN, 56087 United States	Electronic Service		No	M-25-142
161	Jody	Londo	jody.l.londo@xcelenergy.com	Xcel Energy		414 Nicillet Mall 7th Floor Minneapolis MN, 55401-1993 United States	Electronic Service		No	M-25-142
162	Susan	Ludwig	sludwig@mnpower.com	Minnesota Power		30 West Superior Street Duluth MN, 55802 United States	Electronic Service		No	M-25-142
163	Brian	Lydic	brian@irecusa.org	Interstate Renewable Energy Council, Inc.		PO Box 1156 Latham NY, 12110-1156 United States	Electronic Service		No	M-25-142
164	Madeline	Lydon	madeline.k.lydon@xcelenergy.com	Xcel Energy		401 NICOLLET MALL Floor 7 Minneapolis MN, 55401 United States	Electronic Service		No	M-25-142
165	Richard	Macke	macker@powersystem.org	Power System Engineering, Inc.		10710 Town Square Dr NE Ste 201 Minneapolis MN, 55449 United States	Electronic Service		No	M-25-142
166	Alice	Madden	alice@communitypowermn.org	Community Power		2720 E 22nd St Minneapolis MN, 55406 United States	Electronic Service		No	M-25-142
167	Alex	Magerko	amagerko@epri.com	EPRI		942 Corridor Park Blvd Knoxville TN, 37932 United States	Electronic Service		No	M-25-142
168	Kavita	Maini	kmaini@wi.rr.com	KM Energy Consulting, LLC		961 N Lost Woods Rd Oconomowoc WI, 53066 United States	Electronic Service		No	M-25-142
169	Tom	Mammen	thomas.j.mammen@xcelenergy.com	Xcel Energy		null null, null United States	Electronic Service		No	M-25-142
170	Discovery	Manager	discoverymanager@mnpower.com	Minnesota Power		30 W Superior St Duluth MN, 55802 United States	Electronic Service		No	M-25-142
171	Christine	Marquis	regulatory.records@xcelenergy.com	Xcel Energy		414 Nicollet Mall MN1180-07-MCA Minneapolis	Electronic Service		Yes	M-25-142

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						MN, 55401 United States				
172	Gregg	Mast	gmast@cleanenergyeconomymn.org	Clean Energy Economy Minnesota		4808 10th Avenue S Minneapolis MN, 55417 United States	Electronic Service		No	M-25-142
173	Jason	Maur	jason.maur@renesolapower.com	Renesola Power Holdings, LLC		850 Canal Street 3rd Floor Stamford CT, 06902 United States	Electronic Service		No	M-25-142
174	Erica	McConnell	emcconnell@elpc.org	Environmental Law & Policy Center		35 E. Wacker Drive, Suite 1600 Chicago IL, 60601 United States	Electronic Service		No	M-25-142
175	Jess	McCullough	jmccullough@mnpower.com	Minnesota Power		30 W Superior St Duluth MN, 55802 United States	Electronic Service		No	M-25-142
176	Sara G	McGrane	smcgrane@felhaber.com	Felhaber Larson		220 S 6th St Ste 2200 Minneapolis MN, 55420 United States	Electronic Service		No	M-25-142
177	Natalie	McIntire	natalie.mcintire@gmail.com	Wind on the Wires		570 Asbury St Ste 201 Saint Paul MN, 55104-1850 United States	Electronic Service		No	M-25-142
178	Matthew	Melewski	matthew@theboutiquefirm.com	Nokomis Energy LLC & Ole Solar LLC		2639 Nicollet Ave Ste 200 Minneapolis MN, 55408 United States	Electronic Service		No	M-25-142
179	Thomas	Melone	thomas.melone@allcous.com	Minnesota Go Solar LLC		222 South 9th Street Suite 1600 Minneapolis MN, 55120 United States	Electronic Service		No	M-25-142
180	Michael	Menzel	mike.m@sagiliti.com	Sagiliti		23505 Smithtown Rd. Suite 280 Excelsior MN, 55331 United States	Electronic Service		No	M-25-142
181	Tim	Mergen	tmergen@meeker.coop	Meeker Cooperative Light And Power		1725 US Hwy 12 E. Suite 100 PO Box 68 Litchfield MN, 55355 United States	Electronic Service		No	M-25-142
182	Pontius	Mike	mpontius@mnpower.com			null null, null United States	Electronic Service		No	M-25-142
183	Brian	Millberg	fwengineering@comcast.net			695 Grand Ave #222 Saint Paul MN, 55105 United States	Electronic Service		No	M-25-142
184	Luther	Miller	luther.c.miller@xcelenergy.com	Xcel Energy		null null, null United States	Electronic Service		No	M-25-142
185	Marc	Miller	mmiller@soltage.com	Soltage, LLC		66 York Street, 5th Floor Jersey City NJ, 07302 United States	Electronic Service		No	M-25-142

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
186	Stacy	Miller	stacy.miller@minneapolismn.gov	City of Minneapolis		350 S. 5th Street Room M 301 Minneapolis MN, 55415 United States	Electronic Service		No	M-25-142
187	Marcus	Mills	marcus@communitypowermn.org	Community Power		2720 E 22nd St Minneapolis MN, 55406 United States	Electronic Service		No	M-25-142
188	Darrick	Moe	darrick@mrea.org	Minnesota Rural Electric Association		11640 73rd Ave N Maple Grove MN, 55369 United States	Electronic Service		No	M-25-142
189	David	Moeller	dmoeller@allete.com	Minnesota Power			Electronic Service		No	M-25-142
190	Dalene	Monsebroten	dalene.monsebroten@nmpagency.com	Northern Municipal Power Agency		123 2nd St W Thief River Falls MN, 56701 United States	Electronic Service		No	M-25-142
191	Brian	Monson	brian.t.monson@xcelenergy.com	Xcel Energy		null null, null United States	Electronic Service		No	M-25-142
192	Andrew	Moratzka	andrew.moratzka@stoel.com	Stoel Rives LLP		33 South Sixth St Ste 4200 Minneapolis MN, 55402 United States	Electronic Service		No	M-25-142
193	Susan	Mudd	smudd@elpc.org	Environmental Law and Policy Center		35 E. Wacker Drive, Suite 1600 Chicago IL, 60601 United States	Electronic Service		No	M-25-142
194	Pouya	Najmaie	najm0001@gmail.com	Cooperative Energy Futures		3416 16th Ave S Minneapolis MN, 55407 United States	Electronic Service		No	M-25-142
195	Alex	Nelson	anelson@dakotaelectric.com	Dakota Electric Association		4300 220nd St Farmington MN, 55024 United States	Electronic Service		No	M-25-142
196	Anthony	Nelson	amnelson@otpc.com	Ottertail Power		53233 Sunrise Ln Park Rapids MN, 56470 United States	Electronic Service		No	M-25-142
197	Ben	Nelson	benn@cmpasgroup.org	CMMPA		459 South Grove Street Blue Earth MN, 56013 United States	Electronic Service		No	M-25-142
198	Carl	Nelson	cnelson@mncee.org	Center for Energy and Environment		212 3rd Ave N Ste 560 Minneapolis MN, 55401 United States	Electronic Service		No	M-25-142
199	Darin	Nelson	dnelson@minnetonkamn.gov	City of Minnetonka		14600 Minnetonka Blvd Minnetonka MN, 55345 United States	Electronic Service		No	M-25-142
200	David	Niles	david.niles@avantenergy.com	Minnesota Municipal Power Agency		220 South Sixth Street Suite 1300 Minneapolis MN, 55402 United States	Electronic Service		No	M-25-142
201	Sephra	Ninow	sephra.ninow@energycenter.org	Center for Sustainable		426 17th Street, Suite	Electronic Service		No	M-25-142

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
				Energy		700 Oakland CA, 94612 United States				
202	Michael	Noble	noble@fresh-energy.org	Fresh Energy		408 Saint Peter St Ste 350 Saint Paul MN, 55102 United States	Electronic Service		No	M-25- 142
203	Rolf	Nordstrom	rnordstrom@gpsid.net	Great Plains Institute		2801 21ST AVE S STE 220 Minneapolis MN, 55407- 1229 United States	Electronic Service		No	M-25- 142
204	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	M-25- 142
205	David	O'Brien	david.obrien@navigant.com	Navigant Consulting		77 South Bedford St Ste 400 Burlington MA, 01803 United States	Electronic Service		No	M-25- 142
206	Logan	O'Grady	logrady@mnseia.org	Minnesota Solar Energy Industries Association		2288 University Ave W St. Paul MN, 55114 United States	Electronic Service		No	M-25- 142
207	Patty	O'Keefe	patty.okeefe@sierraclub.org			2525 Emerson Ave S Apt 2 Minneapolis MN, 55405 United States	Electronic Service		No	M-25- 142
208	Timothy	O'Leary	toleary@llec.coop	Lyon-Lincoln Electric Cooperative, Inc		P.O. Box 639 Tyler MN, 56178-0639 United States	Electronic Service		No	M-25- 142
209	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	M-25- 142
210	Matthew	Olsen	molsen@otpc.com	Otter Tail Power Company		215 South Cascade Street Fergus Falls MN, 56537 United States	Electronic Service		No	M-25- 142
211	Russell	Olson	rolson@hcpd.com	Heartland Consumers Power District		PO Box 248 Madison SD, 57042-0248 United States	Electronic Service		No	M-25- 142
212	Wendi	Olson	wolson@otpc.com	Otter Tail Power Company		215 South Cascade Street Fergus Falls MN, 56537 United States	Electronic Service		No	M-25- 142
213	Carol A.	Overland	overland@legalelectric.org	Legalelectric - Overland Law Office		1110 West Avenue Red Wing MN, 55066 United States	Electronic Service		No	M-25- 142
214	Bethany	Owen	bowen@mnpower.com	Minnesota Power		30 West Superior Street Duluth MN, 55802 United States	Electronic Service		No	M-25- 142

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
215	Cezar	Panait	cezar.panait@state.mn.us		Public Utilities Commission	121 7th Place East Suite 350 St. Paul MN, 55101 United States	Electronic Service		No	M-25-142
216	Dan	Patry	dpatry@sunedison.com	SunEdison		600 Clipper Drive Belmont CA, 94002 United States	Electronic Service		No	M-25-142
217	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	M-25-142
218	Dean	Pawlowski	dpawlowski@otpc.com	Otter Tail Power Company		PO Box 496 215 S. Cascade St. Fergus Falls MN, 56537-0496 United States	Electronic Service		No	M-25-142
219	Susan	Peirce	susan.peirce@state.mn.us		Department of Commerce	85 Seventh Place East St. Paul MN, 55101 United States	Electronic Service		No	M-25-142
220	Mary Beth	Peranteau	mperanteau@fredlaw.com	Fredrikson & Byron, P.A.		44 East Mifflin Street Suite 1000 Madison WI, 53703 United States	Electronic Service		No	M-25-142
221	Jennifer	Peterson	jjpeterson@mnpower.com	Minnesota Power		30 West Superior Street Duluth MN, 55802 United States	Electronic Service		No	M-25-142
222	Wess	Pfaff	wes.pfaff@mrenergy.com			null null, null United States	Electronic Service		No	M-25-142
223	Ryan	Pierce	ryan.m.pierce@xcelenergy.com	Xcel Energy		null null, null United States	Electronic Service		No	M-25-142
224	Morgan	Pitz	morgan.pitz@us-solar.com	US Solar		100 N 6th St #410B Minneapolis MN, 55403 United States	Electronic Service		No	M-25-142
225	Hannah	Polikov	hpolikov@aee.net	Advanced Energy Economy Institute		1000 Vermont Ave, Third Floor Washington DC, 20005 United States	Electronic Service		No	M-25-142
226	Crystal	Pomerleau	crystal.r.pomerleau@xcelenergy.com	Xcel		null null, null United States	Electronic Service		No	M-25-142
227	Kristel	Porter	kristel@mnrenewablenow.org	MN Renewable Now		null null, null United States	Electronic Service		No	M-25-142
228	Paula	Prahl	paula.prahl@dominiuminc.com	Dominium		2905 Northwest Blvd Ste 150 Plymouth MN, 55441 United States	Electronic Service		No	M-25-142
229	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	M-25-142

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
230	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	M-25-142
231	Matt	Privratsky	matt@nokomisenergy.com	Nokomis Energy		2639 Nicollet Ave Suite 200 Minneapolis MN, 55408 United States	Electronic Service		No	M-25-142
232	Elizabeth	Psihos	elizabeth.psihos@idealenergies.com			null null, null United States	Electronic Service		No	M-25-142
233	Bridget	Rathsack	bridget.rathsack@burnsvillemn.gov	City of Burnsville, MN		100 Civic Center Parkway Burnsville MN, 55337 United States	Electronic Service		No	M-25-142
234	Peter	Reese	preese@sundialsolarenergy.com	Sundial Energy, LLC		3363 Republic Ave Saint Louis Park MN, 55426 United States	Electronic Service		No	M-25-142
235	Generic Notice	Regulatory	regulatory_filing_coordinators@otpc.com	Otter Tail Power Company		215 S. Cascade Street Fergus Falls MN, 56537 United States	Electronic Service		No	M-25-142
236	John C.	Reinhardt		Laura A. Reinhardt		3552 26th Ave S Minneapolis MN, 55406 United States	Paper Service		No	M-25-142
237	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	M-25-142
238	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	M-25-142
239	Micah	Revell	micah.revell@stinson.com	Stinson LLP		50 South Sixth St Ste 2600 Minneapolis MN, 55402 United States	Electronic Service		No	M-25-142
240	Michael	Riewer	mriewer@otpc.com	Otter Tail Power Company		PO Box 4496 Fergus Falls MN, 56538-0496 United States	Electronic Service		No	M-25-142
241	Jonathan	Roberts	jroberts@soltage.com	Soltage		66 York St 5th Floor Jersey City NJ, 07302 United States	Electronic Service		No	M-25-142
242	Noah	Roberts	nroberts@cleanpower.org	Energy Storage Association		1155 15th St NW, Ste 500 Washington DC, 20005 United States	Electronic Service		No	M-25-142
243	Kristi	Robinson	krobinson@star-energy.com	STAR Energy Services, LLC		1401 South Broadway Pelican Rapids MN,	Electronic Service		No	M-25-142

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						56572 United States				
244	Daniel	Rogers	dan@nokomispartners.com			2639 Nicollet Ave Ste 200 Minneapolis MN, 55408 United States	Electronic Service		No	M-25-142
245	Michael	Ruiz	michael.ruiz@xcelenergy.com	Xcel Energy		null null, null United States	Electronic Service		No	M-25-142
246	Nathaniel	Runke	nrunke@local49.org			611 28th St. NW Rochester MN, 55901 United States	Electronic Service		No	M-25-142
247	Darla	Ruschen	d.ruschen@bcrea.coop	Brown County Rural Electrical Association		PO Box 529 24386 State Highway 4 Sleepy Eye MN, 56085 United States	Electronic Service		No	M-25-142
248	Delaney	Russell	delaney@mnipl.org	Just Solar Coalition		4407 E Lake Street Minneapolis MN, 55407 United States	Electronic Service		No	M-25-142
249	Kwadwo	Safo	ksafo@dakotaelectric.com	Dakota Electric Association		null null, null United States	Electronic Service		No	M-25-142
250	Robert K.	Sahr	bsahr@eastriver.coop	East River Electric Power Cooperative		P.O. Box 227 Madison SD, 57042 United States	Electronic Service		No	M-25-142
251	Ian	SantosMeeker	ians@ips-solar.com	IPS Solar		null null, null United States	Electronic Service		No	M-25-142
252	Joseph L.	Sathe	jsathe@kennedy-graven.com	Kennedy & Graven, Chartered		150 S 5th St Ste 700 Minneapolis MN, 55402 United States	Electronic Service		No	M-25-142
253	Kenric	Scheevel	kjs@dairy.net	Dairyland Power Cooperative		3200 East Ave S PO Box 817 La Crosse WI, 54602 United States	Electronic Service		No	M-25-142
254	Dean	Schiro	dean.e.schiro@xcelenergy.com	Xcel Energy		null null, null United States	Electronic Service		No	M-25-142
255	Jacob J.	Schlesinger	jschlesinger@keyesfox.com	Keyes & Fox LLP		1580 Lincoln St Ste 880 Denver CO, 80203 United States	Electronic Service		No	M-25-142
256	Jeff	Schoenecker	jschoenecker@dakotaelectric.com	Dakota Electric Association		4300 220th Street W Farmington MN, 55024 United States	Electronic Service		No	M-25-142
257	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		No	M-25-142
258	Kay	Schraeder	kschraeder@minnkota.com	Minnkota Power		5301 32nd Ave S Grand Forks ND, 58201 United States	Electronic Service		No	M-25-142
259	Matthew	Schuerger	matthew.schuerger@state.mn.us		Public Utilities Commission	121 7th Place East Suite 350 St. Paul MN,	Electronic Service		No	M-25-142

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						55101 United States				
260	Ronald J.	Schwartau	rschwartau@noblesce.com	Nobles Electric Cooperative		22636 U.S. Hwy. 59 Worthington MN, 56187 United States	Electronic Service		No	M-25-142
261	Rob	Scott Hovland	rob.scott-hovland@mrenergy.com	Missouri River Energy Services		3724 W Avera Dr PO Box 88920 Sioux Falls SD, 57109-8920 United States	Electronic Service		No	M-25-142
262	Emma	Searson	esearson@solarunitedneighbors.org	Solar United Neighbors		646 S Barrington Ave Apt 101 Los Angeles CA, 90049 United States	Electronic Service		No	M-25-142
263	Dean	Sedgwick	sedgwick@itascapower.com	Itasca Power Company		PO Box 455 Spring Lake MN, 56680 United States	Electronic Service		No	M-25-142
264	Maria	Seidler	maria.seidler@dom.com	Dominion Energy Technology		120 Tredegar Street Richmond VA, 23219 United States	Electronic Service		No	M-25-142
265	David	Shaffer	david.shaffer@novelenergy.biz	Novel Energy Solutions		2303 Wycliff St Ste 300 St. Paul MN, 55114 United States	Electronic Service		No	M-25-142
266	Patricia	Sharkey	psharkey@environmentallawcounsel.com	Midwest Cogeneration Association.		180 N LaSalle St Ste 3700 Chicago IL, 60601 United States	Electronic Service		No	M-25-142
267	Christopher L.	Sherman	csherman@sherman-associates.com	Solar Holdings LLC		233 Park Ave S Ste 201 Minneapolis MN, 55415 United States	Electronic Service		No	M-25-142
268	Doug	Shoemaker	dougs@charter.net	Minnesota Renewable Energy		2928 5th Ave S Minneapolis MN, 55408 United States	Electronic Service		No	M-25-142
269	Felicia	Skaggs	fskaggs@meeker.coop	Meeker Cooperative Light & Power		1725 US Highway 12 E Suite 100 Litchfield MN, 55355 United States	Electronic Service		No	M-25-142
270	Glen	Skarbakka	glen@s-pllc.com	Skarbakka PLLC		5411 Bartlett Blvd Mound MN, 55364 United States	Electronic Service		No	M-25-142
271	Anne	Smart	anne.smart@chargepoint.com	ChargePoint, Inc.		254 E Hacienda Ave Campbell CA, 95008 United States	Electronic Service		No	M-25-142
272	Joshua	Smith	joshua.smith@sierraclub.org			85 Second St FL 2 San Francisco CA, 94105 United States	Electronic Service		No	M-25-142
273	Ken	Smith	ken.smith@ever-greenenergy.com	Ever Green Energy		305 Saint Peter St Saint Paul MN, 55102 United States	Electronic Service		No	M-25-142

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
274	Ken	Smith	ken.smith@districtenergy.com	District Energy St. Paul Inc.		76 W Kellogg Blvd St. Paul MN, 55102 United States	Electronic Service		No	M-25-142
275	Trevor	Smith	trevor.smith@avantenergy.com	Avant Energy, Inc.		220 South Sixth Street Suite 1300 Minneapolis MN, 55402 United States	Electronic Service		No	M-25-142
276	Rafi	Sohail	rafi.sohail@centerpointenergy.com	CenterPoint Energy		800 LaSalle Avenue P.O. Box 59038 Minneapolis MN, 55459-0038 United States	Electronic Service		No	M-25-142
277	Beth	Soholt	bsoholt@cleangridalliance.org	Clean Grid Alliance		570 Asbury Street Suite 201 St. Paul MN, 55104 United States	Electronic Service		No	M-25-142
278	Marcia	Solie	m.solie@bcrea.coop	Brown County Rural Electrical Association		24386 State Hwy. 4, PO Box 529 Sleepy Eye MN, 56085 United States	Electronic Service		No	M-25-142
279	Braden	Solum	braden.solum@idealenergies.com	iDEAL Energies		5810 Nicollet Ave Minneapolis MN, 55419 United States	Electronic Service		No	M-25-142
280	Karl	Sonneman	karl17@hbc.com	Law Office of Karl W. Sonneman		111 Riverfront Suite 202 Winona MN, 55987 United States	Electronic Service		No	M-25-142
281	Brandon	Stamp	brandon.j.stamp@xcelenergy.com	Xcel Energy		401 Nicollet Mall Minneapolis MN, 55401 United States	Electronic Service		No	M-25-142
282	Sky	Stanfield	stanfield@smwlaw.com	Shute, Mihaly & Weinberger		396 Hayes Street San Francisco CA, 94102 United States	Electronic Service		No	M-25-142
283	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	M-25-142
284	Byron E.	Starns	byron.starns@stinson.com	STINSON LLP		50 S 6th St Ste 2600 Minneapolis MN, 55402 United States	Electronic Service		No	M-25-142
285	Kristin	Stastny	kstastny@taftlaw.com	Taft Stettinius & Hollister LLP		2200 IDS Center 80 South 8th Street Minneapolis MN, 55402 United States	Electronic Service		No	M-25-142
286	Lindsey	Stegall	lindsey.stegall@evgo.com	EVgo Services, LLC		11835 W Olympic Blvd Ste 900E Los Angeles CA, 90064 United States	Electronic Service		No	M-25-142
287	Cary	Stephenson	cstephenson@otpc.com	Otter Tail Power Company		215 South Cascade Street	Electronic Service		No	M-25-142

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						Fergus Falls MN, 56537 United States				
288	Chad	Stevenson	chad.stevenson@ag.state.mn.us		Office of the Attorney General - Residential Utilities Division	445 Minnesota St. Suite 1400 St. Paul MN, 55101 United States	Electronic Service		No	M-25-142
289	Tammy	Sundbom	tsundbom@mnpower.com	Minnesota Power		null null, null United States	Electronic Service		No	M-25-142
290	Sherry	Swanson	sswanson@noblesce.com	Nobles Cooperative Electric		22636 US Highway 59 PO Box 788 Worthington MN, 56187 United States	Electronic Service		No	M-25-142
291	Boratha	Tan	btan@votesolar.org	Vote Solar		null null, null United States	Electronic Service		No	M-25-142
292	Bryant	Tauer	btauer@whe.org	Wright-Hennepin		6800 Electric Dr Rockford MN, 55373 United States	Electronic Service		No	M-25-142
293	Dean	Taylor	dtaylor@pluginamerica.org	Plug In America		6380 Wilshire Blvd, Suite 1000 Los Angeles CA, 90048 United States	Electronic Service		No	M-25-142
294	Whitney	Terrill	whitney@mnipl.org	Minnesota Interfaith Power & Light		null null, null United States	Electronic Service		No	M-25-142
295	Daniel	Tikk	daniel.tikk@state.mn.us		Department of Commerce	85 7th Place East Suite 280 Saint Paul MN, 55101 United States	Electronic Service		No	M-25-142
296	Kate	Tohme	ktohme@newleafenergy.com	New Leaf Energy		null null, null United States	Electronic Service		No	M-25-142
297	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	M-25-142
298	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	M-25-142
299	Jason	Topp	jason.topp@lumen.com	Qwest Communications Company, LLC.		200 S 5th St Ste 2200 Minneapolis MN, 55402 United States	Electronic Service		No	M-25-142
300	Emma Marshall	Torres	emarshall-torres@convergentep.com			null null, null United States	Electronic Service		No	M-25-142
301	Zack	Townsend	zachary.townsend@brookfieldrenewable.com	Brookfield Renewable		200 Liberty St FL 14 New York NY, 10281 United States	Electronic Service		No	M-25-142
302	Pat	Treseler	pat.jcplaw@comcast.net	Paulson Law Office LTD		4445 W 77th Street Suite 224 Edina MN, 55435 United States	Electronic Service		No	M-25-142
303	Jeff	Triplett	triplettj@powersystem.org	MREA		10710 Town Square Dr	Electronic Service		No	M-25-142

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						NW St 201 Minneapolis MN, 55449 United States				
304	Adam	Tromblay	atromblay@noblesce.com	Nobles Cooperative Electric		22636 US Hwy. 59 P.O. Box 788 Worthington MN, 56187- 0788 United States	Electronic Service		No	M-25- 142
305	Lise	Trudeau	lise.trudeau@state.mn.us		Department of Commerce	85 7th Place East Suite 500 Saint Paul MN, 55101 United States	Electronic Service		No	M-25- 142
306	Alan	Urban	alan.m.urban@xcelenergy.com	Xcel Energy		null null, null United States	Electronic Service		No	M-25- 142
307	Matt	Van Arkel	mvanarkel@newleafenergy.com			55 Technology Drive Suite 102 Lowell MA, 01851 United States	Electronic Service		No	M-25- 142
308	Gary	Van Winkle	gvanwinkle@mylegalaid.org	Mid-Minnesota Legal Aid		111 N Fifth St Ste 100 Minneapolis MN, 55403 United States	Electronic Service		No	M-25- 142
309	John	Vaughn	nik@rreal.org	Rural Renewable Energy Alliance		3963 8th Street SW Backus MN, 55435 United States	Electronic Service		No	M-25- 142
310	Ellen	Veazey	lveazey@solarunitedneighbors.org	Solar United Neighbors		1350 Connecticut Ave NW Ste 412 Washington DC, 20036 United States	Electronic Service		No	M-25- 142
311	Sam	Villella	sdvillella@gmail.com			10534 Alamo Street NE Blaine MN, 55449 United States	Electronic Service		No	M-25- 142
312	Curt	Volkman	curt@newenergy-advisors.com	Fresh Energy		408 St Peter St Saint Paul MN, 55102 United States	Electronic Service		No	M-25- 142
313	Wendy	Vorasane	wendy.vorasane@idealenergies.com			null null, null United States	Electronic Service		No	M-25- 142
314	Robert J.V.	Vose	rvose@kennedy-graven.com	Kennedy & Graven, Chartered		150 S 5th St Ste 700 Minneapolis MN, 55402 United States	Electronic Service		No	M-25- 142
315	Stacy	Wahlund	swahlund@otpc.com	Otter Tail Power Company		215 S. Cascade St Fergus Falls MN, 56537 United States	Electronic Service		No	M-25- 142
316	Sarah	Walinga	swalinga@solarcity.com	Energy Freedom Coalition		3055 Clearview Way San Mateo MN, 94402 United States	Electronic Service		No	M-25- 142
317	Kevin	Walker	kwalker@beaconinterfaith.org	Beacon Interfaith Housing Collaborative		null null, null United States	Electronic Service		No	M-25- 142

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
318	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	M-25-142
319	Jenna	Warmuth	jwarmuth@mnpower.com	Minnesota Power		30 W Superior St Duluth MN, 55802-2093 United States	Electronic Service		No	M-25-142
320	Samantha	Weaver	samantha@communitysolaraccess.org	Coalition for Community Solar Access		1380 Monroe St. Washington DC DC, 20010 United States	Electronic Service		No	M-25-142
321	Elizabeth	Wefel	eawefel@flaherty-hood.com	Missouri River Energy Services		525 Park St Ste 470 Saint Paul MN, 55103 United States	Electronic Service		No	M-25-142
322	Sarah	Whebbe	swhebbe@mnseia.org	MnSEIA		445 Minnesota Street Suite 730 St. Paul MN, 55101 United States	Electronic Service		No	M-25-142
323	Joshua	Williams	joshua@highlandfleets.com	Highland Electric Fleets		200 Cummings Center Suite 273-D Beverly MA, 01915 United States	Electronic Service		No	M-25-142
324	Laurie	Williams	laurie.williams@sierraclub.org	Sierra Club		Environmental Law Program 1536 Wynkoop St Ste 200 Denver CO, 80202 United States	Electronic Service		No	M-25-142
325	John	Williamson	john.williamson@state.mn.us	Minnesota Department of Labor and Industry		443 Lafayette Rd N St. Paul MN, 55155-4341 United States	Electronic Service		No	M-25-142
326	Anthony	Willingham	anthony.willingham@electrifyamerica.com	Electrify America		1950 Opportunity Way Suite 1500 Reston VA, 20190 United States	Electronic Service		No	M-25-142
327	Danielle	Winner	danielle.winner@state.mn.us		Department of Commerce	85 7th Place East Suite 500 Saint Paul MN, 55101 United States	Electronic Service		No	M-25-142
328	Heidi	Winter	hwinter@co.murray.mn.us	Murray County		2500 28th Street PO Box 57 Slayton MN, 56172 United States	Electronic Service		No	M-25-142
329	Robyn	Woeste	robynwoeste@alliantenergy.com	Interstate Power and Light Company		200 First St SE Cedar Rapids IA, 52401 United States	Electronic Service		No	M-25-142

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
330	Terry	Wolf	terry.wolf@mrenergy.com	Missouri River Energy Services		3724 W Avera Dr PO Box Sioux Falls SD, 57109-8920 United States	Electronic Service		No	M-25-142
331	Curtis	Zaun	curtis@cpzlaw.com			3254 Rice Street Little Canada MN, 55126 United States	Electronic Service		No	M-25-142
332	Brian	Zavesky	brianz@mrenergy.com	Missouri River Energy Services		3724 West Avera Drive P.O. Box 88920 Sioux Falls SD, 57108-8920 United States	Electronic Service		No	M-25-142
333	Christopher	Zibart	czibart@atcllc.com	American Transmission Company LLC		W234 N2000 Ridgeview Pkwy Court Waukesha WI, 53188-1022 United States	Electronic Service		No	M-25-142
334	Kurt	Zimmerman	kwz@ibew160.org	Local Union #160, IBEW		2909 Anthony Ln St Anthony Village MN, 55418-3238 United States	Electronic Service		No	M-25-142
335	Emily	Ziring	eziring@stlouispark.org	City of St. Louis Park		5005 Minnetonka Blvd St. Louis Park MN, 55416 United States	Electronic Service		No	M-25-142
336	Ari	Zwick	ari.zwick@state.mn.us		Department of Commerce	85 7th Place East Suite 280 Saint Paul MN, 55101 United States	Electronic Service		No	M-25-142

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
1	Brian	Allen	brian.allen@allenergysolar.com	All Energy Solar, Inc		1642 Carroll Ave Saint Paul MN, 55104 United States	Electronic Service		No	24-318E002-CI-24-318
2	Anjali	Bains	bains@fresh-energy.org	Fresh Energy		408 Saint Peter Ste 220 Saint Paul MN, 55102 United States	Electronic Service		No	24-318E002-CI-24-318
3	Jared	Ballew	jared.ballew@ev.energy	EV.ENERGY CORP		726 18th St. Des Moines IA, 50314 United States	Electronic Service		No	24-318E002-CI-24-318
4	Shay	Banton	shayb@irecusa.org	Interstate Renewable Energy Council		600 H Street NE Apt. 341 Washington DC, 20002 United States	Electronic Service		No	24-318E002-CI-24-318
5	Mathias	Bell	mathias@weavegrid.com	WeaveGrid		375 Alabama Street, Suite 325 San Francisco CA, 94110 United States	Electronic Service		No	24-318E002-CI-24-318
6	Sasha	Bergman	sasha.bergman@state.mn.us		Public Utilities Commission		Electronic Service		No	24-318E002-CI-24-318
7	Nick	Bowman	nick@communitysolaraccess.org	CCSA		1380 Monroe Street NW #721 Washington DC, 20010 United States	Electronic Service		No	24-318E002-CI-24-318
8	Ed	Brolin	ed.brolin@rwe.com	RWE Clean Energy		100 Summit Lake Drive Suite 210 Valhalla NY, 10595 United States	Electronic Service		No	24-318E002-CI-24-318
9	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	24-318E002-CI-24-318
10	Eric	Clement	eclement@mnpower.com	Minnesota Power		null null, null United States	Electronic Service		No	24-318E002-CI-24-318
11	Joshua	Cohen	josh.cohen@swtchenergy.com	SWTCH Energy, Inc.		Greentown Labs 444 Somerville Avenue Somerville MA, 02143 United States	Electronic Service		No	24-318E002-CI-24-318
12	Steve	Coleman	stevecolemanpuma@gmail.com			231 Winifred St W Saint Paul MN, 55107 United States	Electronic Service		No	24-318E002-CI-24-318
13	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	24-318E002-CI-24-318

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
14	George	Damian	gdamian@cleanenergyeconomymn.org	Clean Energy Economy MN		13713 Washburn Ave S Burnsville MN, 55337 United States	Electronic Service		No	24-318E002-CI-24-318
15	Cody	Davis	cdavis@epeconsulting.com	Electric Power Engineers (ELPC/VS)		null null, null United States	Electronic Service		No	24-318E002-CI-24-318
16	Danielle	DeMarre	danielle.demarre@allenergysolar.com	All Energy Solar		1264 Energy Lane St Paul MN, 55108 United States	Electronic Service		No	24-318E002-CI-24-318
17	Timothy	DenHerder Thomas	timothy@cooperativeenergyfutures.com	Cooperative Energy Futures		3500 Bloomington Ave. S Minneapolis MN, 55407 United States	Electronic Service		No	24-318E002-CI-24-318
18	James	Denniston	james.r.denniston@xcelenergy.com	Xcel Energy Services, Inc.		414 Nicollet Mall, 401-8 Minneapolis MN, 55401 United States	Electronic Service		No	24-318E002-CI-24-318
19	Diane	Dietz	diane.dietz@state.mn.us		Department of Commerce	Suite 280 85 Seventh Place East St. Paul MN, 55101-2198 United States	Electronic Service		No	24-318E002-CI-24-318
20	William	Ehrlich	wehrlich@tesla.com	Tesla, Inc.		3500 Deer Creek Rd Palo Alto CA, 94304 United States	Electronic Service		No	24-318E002-CI-24-318
21	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	24-318E002-CI-24-318
22	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	24-318E002-CI-24-318
23	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	24-318E002-CI-24-318
24	Tim	Gross	tgross@fuelingmn.com	Fueling Minnesota		3244 Rice Street St. Paul MN, 55126 United States	Electronic Service		No	24-318E002-CI-24-318
25	Nicholas	Haeg	haeg@fresh-energy.org			12298 Bass Trail Sauk Centre MN, 56378 United States	Electronic Service		No	24-318E002-CI-24-318
26	Joe	Halso	joe.halso@sierraclub.org	Sierra Club		1536 Wynkoop St Ste 200 Denver CO, 80202 United States	Electronic Service		No	24-318E002-CI-24-318

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
27	Kim	Havey	kim.havey@minneapolismn.gov	City of Minneapolis		350 South 5th Street, Suite 315M Minneapolis MN, 55415 United States	Electronic Service		No	24-318E002-CI-24-318
28	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	24-318E002-CI-24-318
29	Adam	Heinen	aheinen@dakotaelectric.com	Dakota Electric Association		4300 220th St W Farmington MN, 55024 United States	Electronic Service		No	24-318E002-CI-24-318
30	Mari	Hernandez	mari@irecusa.org	IREC		null null, null United States	Electronic Service		No	24-318E002-CI-24-318
31	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		No	24-318E002-CI-24-318
32	Casey	Horan	choran@edf.org	Environmental Defense Fund		123 Mission St San Francisco CA, 94105 United States	Electronic Service		No	24-318E002-CI-24-318
33	Samantha	Houston	shouston@ucsusa.org	Union of Concerned Scientists		1825 K St. NW Ste 800 Washington DC, 20006 United States	Electronic Service		No	24-318E002-CI-24-318
34	Philip	Jones	phil@evtransportationalliance.org			1402 Third Ave Ste 1315 Seattle WA, 98101 United States	Electronic Service		No	24-318E002-CI-24-318
35	William	Kenworthy	will@votesolar.org			1 South Dearborn St Ste 2000 Chicago IL, 60603 United States	Electronic Service		No	24-318E002-CI-24-318
36	Bobby	King	bking@solarunitedneighbors.org	Solar United Neighbors		3140 43rd Ave S Minneapolis MN, 55406 United States	Electronic Service		No	24-318E002-CI-24-318
37	Nathan	Kostiuk	nathan.c.kostiuk@xcelenergy.com	Xcel Energy		414 Nicollet Mall, 401-07 Minneapolis MN, 55401 United States	Electronic Service		No	24-318E002-CI-24-318
38	Becky	Li	bli@rmi.org			17 State St 25th floor unit 2500 New York NY, 10004 United States	Electronic Service		No	24-318E002-CI-24-318
39	Jody	Londo	jody.l.londo@xcelenergy.com	Xcel Energy		414 Nicillet Mall 7th Floor Minneapolis MN, 55401-1993 United States	Electronic Service		No	24-318E002-CI-24-318

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
40	Madeline	Lydon	madeline.k.lydon@xcelenergy.com	Xcel Energy		401 NICOLLET MALL Floor 7 Minneapolis MN, 55401 United States	Electronic Service		No	24-318E002-CI-24-318
41	Tom	Mammen	thomas.j.mammen@xcelenergy.com	Xcel Energy		null null, null United States	Electronic Service		No	24-318E002-CI-24-318
42	Christine	Marquis	regulatory.records@xcelenergy.com	Xcel Energy		414 Nicollet Mall MN1180-07-MCA Minneapolis MN, 55401 United States	Electronic Service		No	24-318E002-CI-24-318
43	Gregg	Mast	gmast@cleanenergyeconomymn.org	Clean Energy Economy Minnesota		4808 10th Avenue S Minneapolis MN, 55417 United States	Electronic Service		No	24-318E002-CI-24-318
44	Erica	McConnell	emcconnell@elpc.org	Environmental Law & Policy Center		35 E. Wacker Drive, Suite 1600 Chicago IL, 60601 United States	Electronic Service		No	24-318E002-CI-24-318
45	Matthew	Melewski	matthew@theboutiquefirm.com	Nokomis Energy LLC & Ole Solar LLC		2639 Nicollet Ave Ste 200 Minneapolis MN, 55408 United States	Electronic Service		No	24-318E002-CI-24-318
46	Brian	Monson	brian.t.monson@xcelenergy.com	Xcel Energy		null null, null United States	Electronic Service		No	24-318E002-CI-24-318
47	Susan	Mudd	smudd@elpc.org	Environmental Law and Policy Center		35 E. Wacker Drive, Suite 1600 Chicago IL, 60601 United States	Electronic Service		No	24-318E002-CI-24-318
48	Pouya	Najmaie	najm0001@gmail.com	Cooperative Energy Futures		3416 16th Ave S Minneapolis MN, 55407 United States	Electronic Service		No	24-318E002-CI-24-318
49	Alex	Nelson	anelson@dakotaelectric.com	Dakota Electric Association		4300 220nd St Farmington MN, 55024 United States	Electronic Service		No	24-318E002-CI-24-318
50	Logan	O'Grady	logrady@mnseia.org	Minnesota Solar Energy Industries Association		2288 University Ave W St. Paul MN, 55114 United States	Electronic Service		No	24-318E002-CI-24-318
51	Ryan	Pierce	ryan.m.pierce@xcelenergy.com	Xcel Energy		null null, null United States	Electronic Service		No	24-318E002-CI-24-318
52	Matt	Privratsky	matt@nokomisenergy.com	Nokomis Energy		2639 Nicollet Ave Suite 200 Minneapolis MN, 55408 United States	Electronic Service		No	24-318E002-CI-24-318

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
53	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	24-318E002-CI-24-318
54	Kwadwo	Safo	ksafo@dakotaelectric.com	Dakota Electric Association		null null, null United States	Electronic Service		No	24-318E002-CI-24-318
55	Dean	Schiro	dean.e.schiro@xcelenergy.com	Xcel Energy		null null, null United States	Electronic Service		No	24-318E002-CI-24-318
56	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		No	24-318E002-CI-24-318
57	Emma	Searson	esearson@solarunitedneighbors.org	Solar United Neighbors		646 S Barrington Ave Apt 101 Los Angeles CA, 90049 United States	Electronic Service		No	24-318E002-CI-24-318
58	Lindsey	Stegall	lindsey.stegall@evgo.com	EVgo Services, LLC		11835 W Olympic Blvd Ste 900E Los Angeles CA, 90064 United States	Electronic Service		No	24-318E002-CI-24-318
59	Chad	Stevenson	chad.stevenson@ag.state.mn.us		Office of the Attorney General - Residential Utilities Division	445 Minnesota St. Suite 1400 St. Paul MN, 55101 United States	Electronic Service		No	24-318E002-CI-24-318
60	Tammy	Sundbom	tsundbom@mnpower.com	Minnesota Power		null null, null United States	Electronic Service		No	24-318E002-CI-24-318
61	Boratha	Tan	btan@votesolar.org	Vote Solar		null null, null United States	Electronic Service		No	24-318E002-CI-24-318
62	Dean	Taylor	dtaylor@pluginamerica.org	Plug In America		6380 Wilshire Blvd, Suite 1000 Los Angeles CA, 90048 United States	Electronic Service		No	24-318E002-CI-24-318
63	Daniel	Tikk	daniel.tikk@state.mn.us		Department of Commerce	85 7th Place East Suite 280 Saint Paul MN, 55101 United States	Electronic Service		No	24-318E002-CI-24-318
64	Kate	Tohme	ktohme@newleafenergy.com	New Leaf Energy		null null, null United States	Electronic Service		No	24-318E002-CI-24-318
65	Taige	Tople	taige.d.tople@xcelenergy.com	Northern States Power Company dba Xcel Energy-Elec		414 Nicollet Mail 401 7th Floor Minneapolis MN, 55401 United States	Electronic Service		No	24-318E002-CI-24-318
66	Matt	Van Arkel	mvanarkel@newleafenergy.com			55 Technology Drive Suite 102	Electronic Service		No	24-318E002-

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						Lowell MA, 01851 United States				CI-24-318
67	Curt	Volkman	curt@newenergy-advisors.com	Fresh Energy		408 St Peter St Saint Paul MN, 55102 United States	Electronic Service		No	24-318E002-CI-24-318
68	Sarah	Whebbe	swhebbe@mnseia.org	MnSEIA		445 Minnesota Street Suite 730 St. Paul MN, 55101 United States	Electronic Service		No	24-318E002-CI-24-318
69	Joshua	Williams	joshua@highlandfleets.com	Highland Electric Fleets		200 Cummings Center Suite 273-D Beverly MA, 01915 United States	Electronic Service		No	24-318E002-CI-24-318
70	Laurie	Williams	laurie.williams@sierraclub.org	Sierra Club		Environmental Law Program 1536 Wynkoop St Ste 200 Denver CO, 80202 United States	Electronic Service		No	24-318E002-CI-24-318
71	Anthony	Willingham	anthony.willingham@electrifyamerica.com	Electrify America		1950 Opportunity Way Suite 1500 Reston VA, 20190 United States	Electronic Service		No	24-318E002-CI-24-318
72	Ari	Zwick	ari.zwick@state.mn.us		Department of Commerce	85 7th Place East Suite 280 Saint Paul MN, 55101 United States	Electronic Service		No	24-318E002-CI-24-318