

February 19, 2020

Ryan Barlow, Acting Executive Secretary & General Counsel Minnesota Public Utilities Commission 121 7th Place East, Suite 350 Saint Paul, MN 55101-2147

Subject: Dakota Electric Association Reply Comments

In the Matter of Dakota Electric Association's 2019 Integrated Distribution System Plan

Docket Nos. E-111/CI-18-255 and E-111/M-19-674

Dear Mr. Barlow:

On October 31, 2019, Dakota Electric Association® (Dakota Electric® or Cooperative) filed the Cooperative's inaugural Integrated Distribution Plan (IDP) in Docket No. E-111/M-19-674 in response to filing requirements established by the Minnesota Public Utilities Commission's (Commission or MPUC) February 20, 2019 *Order Adopting Integrated Distribution Plan Filing Requirements* (Order) in Docket No. E-111/CI-18-255.

On December 4, 2019, the Commission issued a *Notice of Comment Period* (Notice) in the above-referenced dockets. This Notice identified the following topics as being open for comment:

- Should the Commission accept or reject Dakota Electric Association's Integrated Distribution Plan (IDP)?
- Does the IDP filed by Dakota Electric Association achieve the planning objectives outlined in the filing requirements approved in the Commission's February 20, 2019 Order?

- What IDP filing requirements provide the most value to the process and why?
- Are there filing requirements that are not informative and/or should be deleted or modified, and why?
- Are there other issues or concerns related to this matter?

On January 27, 2020, Public Comments were filed in this matter by:

Rakon Energy

On January 29, 2020, Comments in this matter were filed by:

- Minnesota Department of Commerce
- Clean Energy Economy Minnesota

Dakota Electric Reply Comments

Dakota Electric submits these Reply Comments in response to the observations and recommendations submitted as Public Comments and Comments in this docket.

General Perspective

The Commission's December 4 Notice states that the purpose of the Commission's IDP filing requirements is to facilitate a utility's IDP filing that will:

- Maintain and enhance the safety, security, reliability, and resilience of the electricity grid, at fair and reasonable costs, consistent with the state's energy policies;
- Enable greater customer engagement, empowerment, and options for energy services:
- Move toward the creation of efficient, cost-effective, accessible grid platforms for new products, new services, and opportunities for adoption of new distributed technologies;
- Ensure optimized utilization of electricity grid assets and resources to minimize total system costs; and
- Provide the Commission with the information necessary to understand the utility's short-term and long-term distribution-system plans, the costs and benefits of specific investments, and a comprehensive analysis of ratepayer cost and value.

Department of Commerce

The Minnesota Department of Commerce made the following recommendations and request for additional discussion regarding Dakota Electric's Integrated Distribution Plan:

- Recommendation 1 The Department recommends that the Commission require Dakota Electric Association to discuss in future filings how the IDP meets the Commission's Planning Objectives, including:
 - An analysis of how the information presented in the IDP related to each Planning Objective,
 - o The location in the IDP.
 - Analysis of efforts taken by the Company to improve upon the fulfillment of the Planning Objectives, and
 - Suggestions as to any refinements to the IDP filing requirements that would enhance Dakota Electric Association's ability to meet the Planning Objectives.
- Recommendation 2 The Department recommends that the Commission amend IDP Requirement 3.D.2 (xi) of Dakota Electric Association's IDP Requirements to read as follows:
 - "For each grid modernization project in its 5-year Action Plan, require Dakota Electric Association to provide a costbenefit analysis <u>based on the best information it has at the</u> <u>time and include a discussion of non- quantifiable benefits.</u> <u>Dakota Electric Association shall provide all information to</u> support its analysis."
- Recommendation 3 The Department recommends that the Commission merge IDP Requirement 3.D.1 and 3.D.2 of Dakota Electric Association's IDP Requirements to read as follows:
 - O "Dakota Electric Association shall provide a 5-year Action Plan as part of a 10-year long-term plan for distribution system developments and investments in grid modernization based on internal business plans and considering the insights gained from the DER futures analysis, hosting capacity analysis, and non-wire alternatives analysis. The 5-year Action Plan should include a detailed discussion of the underlying assumptions (including load growth assumptions) and the costs of distribution system investments planned for the next 5-years (expanding on topics and categories listed above). Dakota Electric Association should include specifics of the 5-year Action Plan investments. Topics that should be discussed, as appropriate, include at a minimum:"
- The Department requests that, in Reply Comments, DEA provide a discussion of how DEA maintains and enhances the security and resiliency of the electricity grid.

Dakota Electric offers the following reply to these recommendations and request for additional discussion:

Overall, the comments supplied by the Department, support Dakota Electric's comments for a need to have more discussions about the IDP questions before the creation of the next IDP report. This discussion could help clarify the use cases for the information requested within the IDP report and help shape the format of the requests that

are included within the next round of IDP reports, to ensure they support the identified use cases. The discussion would also help the utilities and stakeholders come to a common understanding of the terminology used within the requests. Simple terms like "grid modernization project" or "planned project" can be interpreted quite differently by individuals, so it would be helpful to have a common understanding among the parties for these terms.

For the 2019 IDP report, Dakota Electric worked diligently to provide answers to all the questions put forth by the Commission. The responses which were contained within the IDP report were based upon our understanding of the information that was being requested by each of the questions. Dakota Electric did not understand that we were required to extend our answers to ensure that the overall planning <u>objectives</u> of the reporting process were fully explained with this first IDP report. We agree with the Departments comment "that the IDP reporting process is designed to be iterative and will necessarily evolve over time." Based upon this understanding of the process, Dakota Electric worked to answer the supplied questions as they were presented.

• Recommendation 1 – "The Department recommends that the Commission require Dakota Electric Association to discuss in future filings how the IDP meets the Commission's Planning Objectives"

Dakota Electric does not support the need for implementing the Department Recommendation #1, particularly given the additional amount of work which would be involved. The Department's recommendation could be viewed as simply adding 5 additional questions to the reporting requirements. One for each of the planning objectives. But, given the broad scope of each of the planning objectives, ensuring that comprehensive answers are provided within the IDP report, would be difficult, especially considering the varied interests of the stakeholders.

Dakota Electric believes it would provide a more consistent reporting outcome among the different utilities to instead include individual questions that are focused on the information requested. These questions would be in support of clearly identified use cases, to ensure each utility answers the same questions and provides similar information. For example, in the 2019 Commission IDP order, there are no questions about distribution system security or resiliency, but from the planning objectives, the Department's understanding was that specific information about the security and resiliency of the Dakota Electric distribution system should have been part of the IDP report filing. The problem that Dakota Electric faced is what is security in the context of the IDP planning goals. Security could cover many different areas, such as cyber or physical. Instead, if information about security or resiliency would be useful to supply, specific questions about these issues should be crafted and included in the IDP request, so that the information provided by the utilities would be more valuable.

• Recommendation 2 – "The Department recommends that the Commission amend IDP Requirement 3.D.2 (xi) of Dakota Electric Association's IDP Requirements ..."

The 2019 IDP Requirement D, was a very challenging section to answer. To Dakota Electric, this section appeared to assume a robust analysis of each distribution system investment is already being completed. Dakota Electric does not have a specific 10-year or even 5-year action plan for the development of the distribution system. Dakota Electric's distribution facilities are built in response to our member's needs. Dakota Electric does have a long-term load forecast which is not location specific, but instead generally forecasts the change in load levels for the future across the Dakota Electric system. Dakota Electric also has a long-term distribution framework which includes potential future connections between the transmission and distribution (substations), but specific time-frames for implementing those potential additions are not finalized until the electric need occurs.

Planning for a distribution system is much different than planning for a transmission system. Transmissions systems can use the diversity of the electrical loads and follow the grown trends to drive the planning of new facilities. So precise dates for the installation of a specific piece of the transmission network is not required. Distribution systems must instead quickly react to each new load and be able to meet the total undiversified electrical demands of each new service. The lead time for a new residential development or a new commercial service can be weeks or months not years.

Dakota Electric does not object to the Department recommendation to amend the sub-bullet (xi) with the additional language, but Dakota Electric continues to be concerned that this requirement to include a cost-benefit analysis for each grid modernization project could create a significant additional cost for Dakota Electric and its members. This concern is dependent upon the scope of projects which are considered "grid modernization". If only major projects such as Dakota Electric's AGi project or similar significantly large projects are considered a grid modernization project, then it is reasonable and practical for a full cost benefit analysis to be developed. But if a full cost-benefit analysis is required for the normal distribution system updates or additions are required, then the additional response time and labor required would negatively impact service to our members. Discussion about what is considered a grid modernization project would be helpful for Dakota Electric to better understand what is being requested in future IDP reports. If a framework or use cases for cost-benefit analysis were provided, it would support Dakota Electric's ability to provide information most useful.

• Recommendation 3 - The Department recommends that the Commission merge IDP Requirement 3.D.1 and 3.D.2 of Dakota Electric Association's IDP Requirements to read as follows:

Dakota Electric supports the merging of questions 3.D.1 and 3.D.2. As presently written, they are somewhat redundant. The Department recommendation to merge these is a step forward. However, Dakota Electric is concerned about the

modification of one piece of the language proposed by the Department. In the Commission's order for Dakota Electric's 2019 IDP report, the term "hosting capacity/daytime minimum load data" was used. In the Department recommended language "daytime minimum load data" was removed. Dakota Electric would need to add additional staff and spend a considerable amount to purchase and install hosting capacity analysis software. Significant additional effort would be required to integrate the hosting capacity analysis software with our existing systems and to prepare the engineering model. Dakota Electric hopes that the elimination of the "daytime minimum load data" from the Department recommendation was simply an oversight and a carryover from other utility IDP comments by the Department.

• **Department Request** "the Department requests that DEA provide a discussion of how DEA maintains and enhances security and resilience of the electricity grid in Reply Comments."

Within the Department comments, it observed that "the topics of maintaining and enhancing security and resiliency of the electricity grid were minimally referenced or not referenced at all in DEA's IDP". It is important to note the difference between Dakota Electric and the other regulated utilities. Dakota Electric is not vertically integrated as are the other regulated electric utilities and as such does not operate what Dakota Electric considers the majority of the electrical grid. The Dakota Electric distribution system is fully dependent upon others to provide security and resiliency of the overall electric grid. The distribution system does not operate as a network, like the transmission system, and each Dakota Electric distribution substation is an independent connection to the overall electrical grid.

That said, Dakota Electric takes the security of the distribution system very seriously. As described in the IDP report, the Cooperative has real-time SCADA monitoring of all our substations and key electrical components of the distribution system that are located outside of the fenced substations. Dakota Electric also

performs periodic visual inspections of our distribution facilities to identify any compromised equipment, to help ensure safety and reliability. As reported in the IDP, Dakota Electric is implementing the Advanced Grid Infrastructure (AGi) project to enhance our monitoring and identification of problems on the distribution system. This will also help with the security of the distribution system. Dakota Electric has computerized systems which must be protected from cyber intrusions and the Cooperative uses a variety of methods and configurations to protect those systems. Dakota Electric closely guards the methods used to protect the distribution systems and discussion of the methods used to provide security of the computer software systems and the overall distribution system are not appropriate for a publicly available document.

For resilience of the distribution system, Dakota Electric can only control the facilities which we own and maintain. Dakota Electric relies upon the ability of the interconnected transmission grid to supply electricity to our distribution substations. Dakota Electric does not perform generation capacity analysis or transmission operational and planning studies. Dakota Electric relies upon Great River Energy, in partnership with Xcel Energy, to provide a reliable and resilient transmission grid.

Dakota Electric believes there is a very strong and reliable transmission and generation system supplying the distribution system. Great River Energy has been a fantastic partner supporting the Dakota Electric distribution system. This can be seen in the excellent Dakota Electric reliability indices and limited transmission system outage events experienced by the Dakota Electric distribution substations. Our power supplier, Great River Energy coordinates with us during and after storms to ensure reliable delivery of energy and works to resolve any issues that arise. Great River Energy's transmission planning area maintains periodic interaction with the Dakota Electric engineering staff to ensure the electrical grid is ready to meet the current and future electrical needs of our members. Dakota

Electric and Great River Energy coordinate our system plans to ensure the adequacy of the electrical grid.

Dakota Electric's efforts to help maintain the resiliency of the distribution system include installing poles which exceed the strength requirements of the NESC (National Electrical Safety Code). Dakota Electric also maintains a large inventory of spare equipment so that any failed piece of distribution equipment can be quickly replaced. Our crews are trained on how to maintain and replace each type of electrical equipment that Dakota Electric owns and is relied upon to provide energy to our members so that failed equipment can be replaced 24/7. Most importantly, Dakota Electric maintains contingency capacity in adjacent electrical facilities, so those alternative electrical supply paths can be quickly utilized to meet the electric requirements of our members in the event of a failure of electrical distribution equipment.

Clean Energy Economy Minnesota

Clean Energy Economy Minnesota (CEEM) made the following observations and recommendations regarding Dakota Electric's Integrated Distribution Plan:

- "The Commission should accept DEAs Integrated Distribution plan. DEA's inaugural IDP represents a solid foundation for facilitating stakeholder dialogue related to grid modernization. DEA provides an accessible narrative and thought process to engage stakeholders and the Commission as the company invests in foundational grid modernization technologies."
- "... DEA's approach provides transparency in how the company approaches scenarios. DEA develops DER scenarios based several factors that should also be part of other utilities' IDPs."
- "DEA's filing presents a solid examination of how the company may consider NWAs going forward. DEA provides various options the company may pursue in NWA's and notes the benefits and potential for a variety of technologies. DEA also provides clear examples of projects and clear problem statements for gathering solutions. This discussion provides a good example for utility IDP filings going forward."
- "... we encourage the Commission to consider not only compliance with filing requirements, but other outcomes of IDP processes. In particular, there are opportunities to highlight where clean energy delivers significant public benefits, to focus on customer empowerment alongside operational expertise, and to create communities of practice around a modern grid."

Dakota Electric offers the following reply to these observations and recommendations:

Dakota Electric appreciates these favorable observations by CEEM. Preparing this initial IDP represented a significant investment of time and resources on the part of the Cooperative. It is gratifying to see these efforts recognized.

Dakota Electric is very interested in identifying cost effective non-wired alternative (NWA) solutions. To support this, Dakota Electric is working toward developing individual NWA solutions as tools which can be used by the distribution engineers to solve distribution issues when they are identified. For example, when a portion of the distribution system needs to have better voltage support, due to growing loads, there are four basic traditional solutions. The lowest cost solution is to add capacitors to boost the voltage; the second solution with the next lowest cost is to add voltage regulators to boost the voltage; the third solution with a higher cost is to reconductor the circuit supplying the area with larger conductor or to install additional circuits into the area; the last and typically the most costly is to install a new distribution substation. Each of these solutions have a cost that, through experience, is easily estimated by the distribution engineer and, depending upon the need, the distribution engineer can quickly identify the solution which provides the most value. Dakota Electric is looking at NWA solutions to add to the distribution engineer's toolbox. For the above example, a potential solution could be to interconnect energy storage devices on the circuit to boost the voltage. This type of energy storage solution is still more costly than the traditional solutions, but it is hoped that as costs are reduced and manufacturers see the business opportunity, these NWA alternative solutions can be utilized. Dakota Electric believes that information exchange among utilities is the key to getting NWA solutions utilized. Being able to learn how other utilities have implemented NWA solutions and then being able to take these proven NWA solutions and adding them to our distribution engineering toolbox will be the fastest way to increase the use of non-traditional solutions.

Rakon Energy

Rakon Energy made the following observations and recommendations regarding Dakota Electric's Integrated Distribution Plan:

- "Rakon Energy appreciates this opportunity to provide comments on Dakota Electric's 2019 Integrated Distribution Plan (IDP). Energy Storage costs assumption is a cause for concern. It is possible to exchange cost information with other Minnesota utilities using an idea like Emerging Technologies Coordinating Council (ETCC). Finally, installing energy storage at water treatment plants or wastewater treatment facilities is a near-term opportunity to give energy storage a chance."
- "Recent Energy Storage installations at water treatment plants An opportunity for Dakota Electric to collaborate with Dakota County"

Dakota Electric appreciates Rakon Energy submitting their comments and to offer additional information about energy storage to Dakota Electric. Dakota Electric offers the following reply comments to these observations:

• "Energy Storage costs assumption is a cause for concern"

Dakota Electric appreciates this comment provided by Rakon Energy about energy storage costs and we agree there is much to learn about energy storage. The actual costs of energy storage installations are a topic where this is a significant difference of opinion. Since this technology is rapidly changing and costs are variable based upon the use case(s), the location (land costs), and the interconnection costs, comparing the costs of one installation to another has proven difficult. It is important to have an apples-to-apples comparison when evaluating alternatives.

Dakota Electric has learned that the amount of cycling of the battery per day/month/year greatly affects the overall cost of an energy storage system and the expected life of the system. An energy storage system, which is planned to only support emergency backup energy and is only required to be used one or twice per year has a lower cost than an energy storage system which would be required to cycle daily to reduce peak demand. The costs provided by Rakon Energy do not

show the amount of cycling supported by those costs, but the information provided does support the idea that the lower range of the costs presented are assuming a lower cycling rate. Dakota Electric based the costs in the 2019 IDP report upon the recently reported installation costs in national publications. As energy storage costs continue to quickly change, the numbers reported in publications are typically a year old and could easily have changed since those systems were installed. We appreciate the information provided by Rakon Energy and will consider that information in future analysis.

Dakota Electric was glad to see that the information provided by Rakon Energy supported our cost estimates used in the 2019 IDP report, as they fell within the cost ranges provided by Rakon Energy. In the information provided by vendors to Rakon Energy the estimated costs ranged from a low of \$250 to a high of \$2,000 per kwhr. Dakota Electric continues to be very interested in learning more about how energy storage could save costs for our members and how energy storage could be best applied.

Rakon Energy recommendation about "implementing battery energy storage at their water and wastewater treatment facilities"

Dakota Electric agrees that using DER to support and back up the electrical needs for the water supply of the cities in our service territory is a viable option. In fact, Dakota Electric has already worked with many of the cities in our service territory to install DER and to work with them to utilize this generation resource to reduce their electrical costs. The cities of Apple Valley, Burnsville, Eagan and Lakeville have all installed DER systems to their wells and water treatment facilities.

Dakota Electric worked with them to install full capacity DER generation systems to supply their electrical needs during emergencies. The cities are also able to use the same DER generation to reduce their electrical usage during periods of peak electrical demand. This results in significant savings on their monthly electrical bills.

The City of Eagan has installed two DER supported campus micro-grid systems which are able to isolate and operate an entire campus on a DER generation system. One campus system is supporting their water treatment facilities and the other is supporting the government center complex, which includes the city offices, police station, ice arena and water park. When these campus generation installations isolate from the rest of the Dakota Electric distribution system, they utilize Dakota Electric owned and operated wires and transformers as part of the campus micro-grid.

A few of our members have installed campus micro-grids. One of the campus micro-grids installed at a member location even utilizes the Dakota Electric substation bus to supply all the feeders connected to the substation. The result is the entire substation is able to operate in isolation from the transmission grid. These types of micro-grids which utilize utility owned facilities as part of the campus micro-grid are unique to Dakota Electric and the result of close cooperation between Dakota Electric and our members.

All these campus generation installations are remotely controlled and operated by Dakota Electric and are used to supply the total load for each campus during times of peak demand on the electrical grid. This cooperation between our members and Dakota Electric is annually saving millions of dollars in reduced power costs for our members.

Conclusion

In conclusion, as has been stated throughout these comments, the amount of effort required to produce the 2019 IDP report was significant. Having discussions about the questions being included for the next IDP report and being able to interact with the stakeholders about the use cases for the information being requested would greatly support Dakota Electric's ability to provide useful information. Having a consistent and

common understanding of the terms used within the questions may also help reduce the interpretation efforts required to answer the questions.

Dakota Electric appreciates the opportunity to provide these Reply Comments and looks forward to continuing refinement of this, and future, Integrated Distribution Plans.

Sincerely,

/s/ Craig Turner

Craig Turner
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/s/ Douglas R. Larson

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Certificate of Service

I, Cherry Jordan, hereby certify that I have this day served copies of the attached document to those on the following service list by e-filing, personal service, or by causing to be placed in the U.S. mail at Farmington, Minnesota.

Docket Nos. E-111/CI-18-255 and E-111/M-19-674

| Dated this 19th day of February 2020 |
|--------------------------------------|
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| Timothy | Gulden | timothy.gulden@yahoo.co m | Winona Renewable Energy, LLC | 1449 Ridgewood Dr Winona, MN 55987 | Electronic Service | No | OFF_SL_18-255_Official |
| Tony | Hainault | anthony.hainault@co.henn epin.mn.us | Hennepin County DES | 701 4th Ave S Ste 700 Minneapolis, MN 55415-1842 | Electronic Service | No | OFF_SL_18-255_Official |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|------------|-----------|---|-------------------------------------|---|--------------------|-------------------|------------------------|
| Todd | Headlee | theadlee@dvigridsolutions.com | Dominion Voltage, Inc. | 701 E. Cary Street Richmond, VA 23219 | Electronic Service | No | OFF_SL_18-255_Official |
| Jared | Hendricks | jared.hendricks@owatonna utilities.com | Owatonna Public Utilities | PO Box 800 208 S Walnut Ave Owatonna, MN 55060-2940 | Electronic Service | No | OFF_SL_18-255_Official |
| Annete | Henkel | mui@mnutilityinvestors.org | Minnesota Utility Investors | 413 Wacouta Street #230 St.Paul, MN 55101 | Electronic Service | No | OFF_SL_18-255_Official |
| Shane | Henriksen | shane.henriksen@enbridge .com | Enbridge Energy Company, Inc. | 1409 Hammond Ave FL 2 Superior, WI 54880 | Electronic Service | No | OFF_SL_18-255_Official |
| Michael | Норре | il23@mtn.org | Local Union 23, I.B.E.W. | 932 Payne Avenue St. Paul, MN 55130 | Electronic Service | No | OFF_SL_18-255_Official |
| Jan | Hubbard | jan.hubbard@comcast.net | | 7730 Mississippi Lane Brooklyn Park, MN 55444 | Electronic Service | No | OFF_SL_18-255_Official |
| Ralph | Jacobson | ralphj@ips-solar.com | | 2126 Roblyn Avenue Saint Paul, Minnesota 55104 | Electronic Service | No | OFF_SL_18-255_Official |
| Casey | Jacobson | cjacobson@bepc.com | Basin Electric Power Cooperative | 1717 East Interstate Avenue Bismarck, ND 58501 | Electronic Service | No | OFF_SL_18-255_Official |
| John S. | Jaffray | jjaffray@jjrpower.com | JJR Power | 350 Highway 7 Suite 236 Excelsior, MN 55331 | Electronic Service | No | OFF_SL_18-255_Official |
| Alan | Jenkins | aj@jenkinsatlaw.com | Jenkins at Law | 2950 Yellowtail Ave. Marathon, FL 33050 | Electronic Service | No | OFF_SL_18-255_Official |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|------------|-----------|-------------------------------|---------------------------------------|---|--------------------|-------------------|------------------------|
| Richard | Johnson | Rick.Johnson@lawmoss.co m | Moss & Barnett | 150 S. 5th Street Suite 1200 Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_18-255_Official |
| Nate | Jones | njones@hcpd.com | Heartland Consumers Power | PO Box 248 Madison, SD 57042 | Electronic Service | No | OFF_SL_18-255_Official |
| Michael | Kampmeyer | mkampmeyer@a-e- group.com | AEG Group, LLC | 260 Salem Church Road Sunfish Lake, Minnesota 55118 | Electronic Service | No | OFF_SL_18-255_Official |
| Mark J. | Kaufman | mkaufman@ibewlocal949.o rg | IBEW Local Union 949 | 12908 Nicollet Avenue South Burnsville, MN 55337 | Electronic Service | No | OFF_SL_18-255_Official |
| Jennifer | Kefer | jennifer@dgardiner.com | Alliance for Industrial Efficiency | David Gardiner & Associates, LLC 2609 11th St N Arlington, VA 22201-2825 | Paper Service | No | OFF_SL_18-255_Official |
| Julie | Ketchum | N/A | Waste Management | 20520 Keokuk Ave Ste 200 Lakeville, MN 55044 | Paper Service | No | OFF_SL_18-255_Official |
| Ted | Kjos | tkjos@mienergy.coop | MiEnergy Cooperative | 31110 Cooperative Way PO Box 626 Rushford, MN 55971 | Electronic Service | No | OFF_SL_18-255_Official |
| Brad | Klein | bklein@elpc.org | Environmental Law & Policy Center | 35 E. Wacker Drive, Suite 1600 Suite 1600 Chicago, IL 60601 | Electronic Service | No | OFF_SL_18-255_Official |
| Thomas | Koehler | TGK@IBEW160.org | Local Union #160, IBEW | 2909 Anthony Ln St Anthony Village, MN 55418-3238 | Electronic Service | No | OFF_SL_18-255_Official |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|------------|-----------|----------------------------------|---|--|--------------------------|-------------------|------------------------|
| Chris | Kopel | chrisk@CMPASgroup.org | Central Minnesota Municipal Power Agency | 459 S Grove St Blue Earth, MN 56013-2629 | Electronic Service | No | OFF_SL_18-255_Official |
| Brian | Krambeer | bkrambeer@mienergy.coo p | MiEnergy Cooperative | PO Box 626 31110 Cooperative W. Rushford, MN 55971 | Electronic Service ay | No | OFF_SL_18-255_Official |
| Jon | Kramer | sundialjon@gmail.com | Sundial Solar | 3209 W 76th St Edina, MN 55435 | Electronic Service | No | OFF_SL_18-255_Official |
| Michael | Krause | michaelkrause61@yahoo.c om | Kandiyo Consulting, LLC | 433 S 7th Street Suite 2025 Minneapolis, Minnesota 55415 | Electronic Service | No | OFF_SL_18-255_Official |
| Michael | Krikava | mkrikava@briggs.com | Briggs And Morgan, P.A. | 2200 IDS Center 80 S 8th St Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_18-255_Official |
| Matthew | Lacey | Mlacey@grenergy.com | Great River Energy | 12300 Elm Creek Boulevard Maple Grove, MN 553694718 | Electronic Service | No | OFF_SL_18-255_Official |
| James D. | Larson | james.larson@avantenergy .com | Avant Energy Services | 220 S 6th St Ste 1300 Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_18-255_Official |
| Douglas | Larson | dlarson@dakotaelectric.co m | Dakota Electric Association | 4300 220th St W Farmington, MN 55024 | Electronic Service | No | OFF_SL_18-255_Official |
| Dean | Leischow | dean@sunrisenrg.com | Sunrise Energy Ventures | 315 Manitoba Ave Wayzata, MN 55391 | Electronic Service | No | OFF_SL_18-255_Official |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|------------|---------------|--|--|--|--------------------|-------------------|------------------------|
| Annie | Levenson Falk | annielf@cubminnesota.org | Citizens Utility Board of Minnesota | 332 Minnesota Street, Suite W1360 | Electronic Service | No | OFF_SL_18-255_Official |
| | | | | St. Paul, MN 55101 | | | |
| Benjamin | Lowe | N/A | Alevo USA Inc. | 101 S Stratford Rd Ste 210 Winston Salem, NC 27107-4224 | Paper Service | No | OFF_SL_18-255_Official |
| Susan | Ludwig | sludwig@mnpower.com | Minnesota Power | 30 West Superior Street Duluth, MN 55802 | Electronic Service | No | OFF_SL_18-255_Official |
| Kavita | Maini | kmaini@wi.rr.com | KM Energy Consulting, LLC | 961 N Lost Woods Rd Oconomowoc, WI 53066 | Electronic Service | No | OFF_SL_18-255_Official |
| Pam | Marshall | pam@energycents.org | Energy CENTS Coalition | 823 7th St E St. Paul, MN 55106 | Electronic Service | No | OFF_SL_18-255_Official |
| Samuel | Mason | smason@beltramielectric.c om | Beltrami Electric Cooperative, Inc. | 4111 Technology Dr. NW PO Box 488 Bemidji, MN 56619-0488 | Electronic Service | No | OFF_SL_18-255_Official |
| Dave | McNary | David.McNary@hennepin.u s | Hennepin County DES | 701 Fourth Ave S Ste 700 Minneapolis, MN 55415-1842 | Electronic Service | No | OFF_SL_18-255_Official |
| John | McWilliams | John.McWilliams@Dairylan dPower.com | Dairyland Power Cooperative | 3200 East Ave SPO Box 817 La Crosse, WI 54601-7227 | Electronic Service | No | OFF_SL_18-255_Official |
| Thomas | Melone | Thomas.Melone@AllcoUS.com | Minnesota Go Solar LLC | 222 South 9th Street Suite 1600 Minneapolis, Minnesota 55120 | Electronic Service | No | OFF_SL_18-255_Official |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|------------|-------------|--------------------------------------|--------------------------------------|--|--------------------|-------------------|------------------------|
| David | Moeller | dmoeller@allete.com | Minnesota Power | 30 W Superior St Duluth, MN 558022093 | Electronic Service | No | OFF_SL_18-255_Officia |
| Dalene | Monsebroten | dalene.monsebroten@nmp agency.com | Northern Municipal Power Agency | 123 2nd St W Thief River Falls, MN 56701 | Electronic Service | No | OFF_SL_18-255_Officia |
| Andrew | Moratzka | andrew.moratzka@stoel.co m | Stoel Rives LLP | 33 South Sixth St Ste 4200 Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_18-255_Official |
| Carl | Nelson | cnelson@mncee.org | Center for Energy and Environment | 212 3rd Ave N Ste 560 Minneapolis, MN 55401 | Electronic Service | No | OFF_SL_18-255_Official |
| Ben | Nelson | benn@cmpasgroup.org | СММРА | 459 South Grove Street Blue Earth, MN 56013 | Electronic Service | No | OFF_SL_18-255_Official |
| Dale | Niezwaag | dniezwaag@bepc.com | Basin Electric Power Cooperative | 1717 East Interstate Avenue Bismarck, ND 58503 | Electronic Service | No | OFF_SL_18-255_Official |
| David | Niles | david.niles@avantenergy.c om | Minnesota Municipal Power Agency | 220 South Sixth Street Suite 1300 Minneapolis, Minnesota 55402 | Electronic Service | No | OFF_SL_18-255_Official |
| Sephra | Ninow | sephra.ninow@energycent er.org | Center for Sustainable Energy | 426 17th Street, Suite 700 Oakland, CA 94612 | Electronic Service | No | OFF_SL_18-255_Official |
| Rolf | Nordstrom | rnordstrom@gpisd.net | Great Plains Institute | 2801 21ST AVE S STE 220 Minneapolis, MN 55407-1229 | Electronic Service | No | OFF_SL_18-255_Official |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|------------|-----------|-------------------------------------|---|---|--------------------|-------------------|------------------------|
| Samantha | Norris | samanthanorris@alliantene rgy.com | Interstate Power and Light Company | 200 1st Street SE PO Box 351 Cedar Rapids, IA 524060351 | Electronic Service | No | OFF_SL_18-255_Official |
| David | O'Brien | david.obrien@navigant.co m | Navigant Consulting | 77 South Bedford St Ste 400 Burlington, MA 01803 | Electronic Service | No | OFF_SL_18-255_Official |
| Jeff | O'Neill | jeff.oneill@ci.monticello.mn .us | City of Monticello | 505 Walnut Street Suite 1 Monticelllo, Minnesota 55362 | Electronic Service | No | OFF_SL_18-255_Official |
| Russell | Olson | rolson@hcpd.com | Heartland Consumers Power District | PO Box 248 Madison, SD 570420248 | Electronic Service | No | OFF_SL_18-255_Official |
| Dan | Patry | dpatry@sunedison.com | SunEdison | 600 Clipper Drive Belmont, CA 94002 | Electronic Service | No | OFF_SL_18-255_Official |
| Jeffrey C | Paulson | jeff.jcplaw@comcast.net | Paulson Law Office, Ltd. | 4445 W 77th Street Suite 224 Edina, MN 55435 | Electronic Service | No | OFF_SL_18-255_Official |
| Joyce | Peppin | joyce@mrea.org | Minnesota Rural Electric Association | 11640 73rd Ave N Maple Grove, MN 55369 | Electronic Service | No | OFF_SL_18-255_Official |
| Mary Beth | Peranteau | mperanteau@wheelerlaw.c om | Wheeler Van Sickle & Anderson SC | 44 E. Mifflin Street, 10th Floor Madison, WI 53703 | Electronic Service | No | OFF_SL_18-255_Official |
| Jennifer | Peterson | jjpeterson@mnpower.com | Minnesota Power | 30 West Superior Street Duluth, MN 55802 | Electronic Service | No | OFF_SL_18-255_Official |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|----------------|--------------------------------|--|--|---|-----------------------------|-------------------|------------------------|
| Hannah | Polikov | hpolikov@aee.net | Advanced Energy Economy Institute | 1000 Vermont Ave, Third Floor | Electronic Service | No | OFF_SL_18-255_Official |
| | | | | Washington, DC 20005 | | | |
| David G. | Prazak | dprazak@otpco.com | Otter Tail Power Company | P.O. Box 496 215 South Cascade S Fergus Falls, MN 565380496 | Electronic Service treet | No | OFF_SL_18-255_Official |
| Gregory | Randa | granda@lakecountrypower. | Lake Country Power | 26039 Bear Ridge Drive Cohasset, MN 55721 | Electronic Service | No | OFF_SL_18-255_Official |
| Mark | Rathbun | mrathbun@grenergy.com | Great River Energy | 12300 Elm Creek Blvd Maple Grove, MN 55369 | Electronic Service | No | OFF_SL_18-255_Official |
| Michael | Reinertson | michael.reinertson@avante nergy.com | Avant Energy | 220 S. Sixth St. Ste 1300 Minneapolis, Minnesota 55402 | Electronic Service | No | OFF_SL_18-255_Official |
| John C. | Reinhardt | N/A | Laura A. Reinhardt | 3552 26th Ave S Minneapolis, MN 55406 | Paper Service | No | OFF_SL_18-255_Official |
| Generic Notice | Residential Utilities Division | residential.utilities@ag.stat e.mn.us | Office of the Attorney General-RUD | 1400 BRM Tower 445 Minnesota St St. Paul, MN 551012131 | Electronic Service | Yes | OFF_SL_18-255_Official |
| Kevin | Reuther | kreuther@mncenter.org | MN Center for Environmental Advocacy | 26 E Exchange St, Ste 206 St. Paul, MN 551011667 | Electronic Service | No | OFF_SL_18-255_Official |
| Robert K. | Sahr | bsahr@eastriver.coop | East River Electric Power Cooperative | P.O. Box 227 Madison, SD 57042 | Electronic Service | No | OFF_SL_18-255_Official |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|-------------|------------|----------------------------------|--|---|--------------------|-------------------|------------------------|
| Richard | Savelkoul | rsavelkoul@martinsquires.c om | Martin & Squires, P.A. | 332 Minnesota Street Ste W2750 | Electronic Service | No | OFF_SL_18-255_Official |
| | | | | St. Paul, MN 55101 | | | |
| Thomas | Scharff | thomas.scharff@versoco.c om | Verso Corp | 600 High Street Wisconsin Rapids, | Electronic Service | No | OFF_SL_18-255_Official |
| | | | | WI 54495 | | | |
| Larry L. | Schedin | Larry@LLSResources.com | LLS Resources, LLC | 332 Minnesota St, Ste W1390 | Electronic Service | No | OFF_SL_18-255_Official |
| | | | | St. Paul, MN 55101 | | | |
| Christopher | Schoenherr | cp.schoenherr@smmpa.or | SMMPA | 500 First Ave SW | Electronic Service | No | OFF_SL_18-255_Official |
| | | | | Rochester, MN 55902-3303 | | | |
| Kay | Schraeder | kschraeder@minnkota.com | Minnkota Power | 5301 32nd Ave S | Electronic Service | No | OFF_SL_18-255_Official |
| | | | | Grand Forks, ND 58201 | | | |
| Dean | Sedgwick | Sedgwick@Itascapower.co | Itasca Power Company | PO Box 455 | Electronic Service | No | OFF_SL_18-255_Official |
| | | | | Spring Lake, MN 56680 | | | |
| Maria | Seidler | maria.seidler@dom.com | Dominion Energy Technology | 120 Tredegar Street | Electronic Service | No | OFF_SL_18-255_Official |
| | | | 3, | Richmond, Virginia 23219 | | | |
| William | Seuffert | Will.Seuffert@state.mn.us | | 75 Rev Martin Luther King Jr Blvd 130 State Capitol St. Paul, MN 55155 | Electronic Service | No | OFF_SL_18-255_Official |
| David | Shaffer | shaff081@gmail.com | Minnesota Solar Energy Industries Project | 1005 Fairmount Ave Saint Paul, MN 55105 | Electronic Service | No | OFF_SL_18-255_Official |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|------------|-----------|--|--------------------------------------|--|--------------------|-------------------|------------------------|
| Patricia | Sharkey | psharkey@environmentalla wcounsel.com | Midwest Cogeneration Association. | 180 N. LaSalle Street Suite 3700 Chicago, Illinois 60601 | Electronic Service | No | OFF_SL_18-255_Official |
| Bria | Shea | bria.e.shea@xcelenergy.com | Xcel Energy | 414 Nicollet Mall Minneapolis, MN 55401 | Electronic Service | No | OFF_SL_18-255_Official |
| Doug | Shoemaker | dougs@charter.net | Minnesota Renewable Energy | 2928 5th Ave S Minneapolis, MN 55408 | Electronic Service | No | OFF_SL_18-255_Official |
| Audra | Skalet | askalet@mienergy.coop | MiEnergy Cooperative | 31110 Cooperative Way PO Box 626 Rushford, MN 55971 | Electronic Service | No | OFF_SL_18-255_Official |
| Anne | Smart | anne.smart@chargepoint.c om | ChargePoint, Inc. | 254 E Hacienda Ave Campbell, CA 95008 | Electronic Service | No | OFF_SL_18-255_Official |
| Trevor | Smith | trevor.smith@avantenergy.com | Avant Energy, Inc. | 220 South Sixth Street Suite 1300 Minneapolis, Minnesota 55402 | Electronic Service | No | OFF_SL_18-255_Official |
| Ken | Smith | ken.smith@ever- greenenergy.com | Ever Green Energy | 305 Saint Peter St Saint Paul, MN 55102 | Electronic Service | No | OFF_SL_18-255_Official |
| Ken | Smith | ken.smith@districtenergy.c om | District Energy St. Paul Inc. | 76 W Kellogg Blvd St. Paul, MN 55102 | Electronic Service | No | OFF_SL_18-255_Official |
| Joshua | Smith | joshua.smith@sierraclub.or g | | 85 Second St FL 2 San Francisco, California 94105 | Electronic Service | No | OFF_SL_18-255_Official |
| Beth H. | Soholt | bsoholt@windonthewires.or g | Wind on the Wires | 570 Asbury Street Suite 201 St. Paul, MN 55104 | Electronic Service | No | OFF_SL_18-255_Official |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|------------|-------------|-------------------------------------|--------------------------------|---|--------------------|-------------------|------------------------|
| Sky | Stanfield | stanfield@smwlaw.com | Shute, Mihaly & Weinberger | 396 Hayes Street San Francisco, CA 94102 | Electronic Service | No | OFF_SL_18-255_Official |
| Tom | Stanton | tstanton@nrri.org | NRRI | 1080 Carmack Road Columbus, OH 43210 | Electronic Service | No | OFF_SL_18-255_Official |
| Byron E. | Starns | byron.starns@stinson.com | STINSON LLP | 50 S 6th St Ste 2600 Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_18-255_Official |
| James M | Strommen | jstrommen@kennedy- graven.com | Kennedy & Graven, Chartered | 200 S 6th St Ste 470 Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_18-255_Official |
| Eric | Swanson | eswanson@winthrop.com | Winthrop & Weinstine | 225 S 6th St Ste 3500 Capella Tower Minneapolis, MN 554024629 | Electronic Service | No | OFF_SL_18-255_Official |
| Thomas P. | Sweeney III | tom.sweeney@easycleane nergy.com | Clean Energy Collective | P O Box 1828 Boulder, CO 80306-1828 | Electronic Service | No | OFF_SL_18-255_Official |
| Lynnette | Sweet | Regulatory.records@xcele nergy.com | Xcel Energy | 414 Nicollet Mall FL 7 Minneapolis, MN 554011993 | Electronic Service | No | OFF_SL_18-255_Official |
| Stuart | Tommerdahl | stommerdahl@otpco.com | Otter Tail Power Company | 215 S Cascade St PO Box 496 Fergus Falls, MN 56537 | Electronic Service | No | OFF_SL_18-255_Official |
| Pat | Treseler | pat.jcplaw@comcast.net | Paulson Law Office LTD | 4445 W 77th Street Suite 224 Edina, MN 55435 | Electronic Service | No | OFF_SL_18-255_Official |
| Lise | Trudeau | lise.trudeau@state.mn.us | Department of Commerce | 85 7th Place East Suite 500 Saint Paul, MN 55101 | Electronic Service | No | OFF_SL_18-255_Official |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|-------------|-----------|--|---------------------------------------|--|--------------------|-------------------|------------------------|
| Karen | Turnboom | karen.turnboom@versoco.c om | Verso Corporation | 100 Central Avenue Duluth, MN 55807 | Electronic Service | No | OFF_SL_18-255_Official |
| Andrew | Twite | twite@fresh-energy.org | Fresh Energy | 408 St. Peter Street, Ste. 220 St. Paul, MN 55102 | Electronic Service | No | OFF_SL_18-255_Official |
| Lisa | Veith | lisa.veith@ci.stpaul.mn.us | City of St. Paul | 400 City Hall and Courthouse 15 West Kellogg Blvd. St. Paul, MN 55102 | Electronic Service | No | OFF_SL_18-255_Official |
| Roger | Warehime | roger.warehime@owatonna utilities.com | Owatonna Public Utilities | 208 South WalnutPO Box 800 Owatonna, MN 55060 | Electronic Service | No | OFF_SL_18-255_Official |
| Jenna | Warmuth | jwarmuth@mnpower.com | Minnesota Power | 30 W Superior St Duluth, MN 55802-2093 | Electronic Service | No | OFF_SL_18-255_Official |
| Robyn | Woeste | robynwoeste@alliantenerg y.com | Interstate Power and Light Company | 200 First St SE Cedar Rapids, IA 52401 | Electronic Service | No | OFF_SL_18-255_Official |
| Thomas J. | Zaremba | TZaremba@wheelerlaw.co m | WHEELER, VAN SICKLE & ANDERSON | 44 E. Mifflin Street, 10th Floor Madison, WI 53703 | Electronic Service | No | OFF_SL_18-255_Official |
| Christopher | Zibart | czibart@atcllc.com | American Transmission Company LLC | W234 N2000 Ridgeview Pkwy Court Waukesha, WI 53188-1022 | Electronic Service | No | OFF_SL_18-255_Official |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|-------------|-----------------|--------------------------------------|--|---|--------------------|-------------------|------------------------|
| Michael | Allen | michael.allen@allenergysol ar.com | All Energy Solar | 721 W 26th st Suite 211 Minneapolis, Minnesota 55405 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| David | Amster Olzweski | david@mysunshare.com | SunShare, LLC | 1151 Bannock St Denver, CO 80204-8020 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Christopher | Anderson | canderson@allete.com | Minnesota Power | 30 W Superior St Duluth, MN 558022191 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Ellen | Anderson | ellena@umn.edu | 325 Learning and Environmental Sciences | 1954 Buford Ave Saint Paul, MN 55108 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Alison C | Archer | aarcher@misoenergy.org | MISO | 2985 Ames Crossing Rd Eagan, MN 55121 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Donna | Attanasio | dattanasio@law.gwu.edu | George Washington University | 2000 H Street NW Washington, DC 20052 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| John | Bailey | bailey@ilsr.org | Institute For Local Self- Reliance | 1313 5th St SE Ste 303 Minneapolis, MN 55414 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Kenneth | Baker | Ken.Baker@walmart.com | Wal-Mart Stores, Inc. | 2001 SE 10th St. Bentonville, AR 72716-5530 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Sara | Baldwin Auck | sarab@irecusa.org | Interstate Renewable Energy Council, Inc. | PO Box 1156 Latham, NY 12110 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Gail | Baranko | gail.baranko@xcelenergy.c om | Xcel Energy | 414 Nicollet Mall7th Floor Minneapolis, MN 55401 | Electronic Service | No | OFF_SL_19-674_M-19-674 |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|------------|-----------|--------------------------------|---------------------------------------|--|--------------------------|-------------------|------------------------|
| Ryan | Barlow | ryan.barlow@state.mn.us | Public Utilities Commission | 350 | Electronic Service | Yes | OFF_SL_19-674_M-19-674 |
| | | | | St. Paul, MN 55101214 | | | |
| James J. | Bertrand | james.bertrand@stinson.co m | STINSON LLP | 50 S 6th St Ste 2600 Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Derek | Bertsch | derek.bertsch@mrenergy.c om | Missouri River Energy Services | 3724 West Avera Drive PO Box 88920 Sioux Falls, SD 57109-8920 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| William | Black | bblack@mmua.org | MMUA | Suite 400 3025 Harbor Lane No Plymouth, MN 554475142 | Electronic Service th | No | OFF_SL_19-674_M-19-674 |
| Kenneth | Bradley | kbradley1965@gmail.com | | 2837 Emerson Ave S Apt CW112 Minneapolis, MN 55408 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Jon | Brekke | jbrekke@grenergy.com | Great River Energy | 12300 Elm Creek Boulevard Maple Grove, MN 553694718 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Sydney R. | Briggs | sbriggs@swce.coop | Steele-Waseca Cooperative Electric | 2411 W. Bridge St PO Box 485 Owatonna, MN 55060-0485 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Mark B. | Bring | mbring@otpco.com | Otter Tail Power Company | 215 South Cascade Street PO Box 496 Fergus Falls, MN 565380496 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Christina | Brusven | cbrusven@fredlaw.com | Fredrikson Byron | 200 S 6th St Ste 4000 Minneapolis, MN 554021425 | Electronic Service | No | OFF_SL_19-674_M-19-674 |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|----------------|--------------------|--------------------------------------|--|--|--------------------|-------------------|------------------------|
| Michael J. | Bull | mbull@mncee.org | Center for Energy and Environment | 212 Third Ave N Ste 560 Minneapolis, MN 55401 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Jessica | Burdette | jessica.burdette@state.mn. us | Department of Commerce | 85 7th Place East Suite 500 St. Paul, MN 55101 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Jason | Burwen | j.burwen@energystorage.o rg | Energy Storage Association | 1155 15th St NW, Ste 500 Washington, DC 20005 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| LORI | CLOBES | Iclobes@mienergy.coop | MiEnergy Cooperative | 31110 COOPERATIVE WAY PO BOX 626 RUSHFORD, MN 55971 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Douglas M. | Carnival | dmc@mcgrannshea.com | McGrann Shea Carnival Straughn & Lamb | N/A | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Ray | Choquette | rchoquette@agp.com | Ag Processing Inc. | 12700 West Dodge Road PO Box 2047 Omaha, NE 68103-2047 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Kenneth A. | Colburn | kcolburn@symbioticstrategi es.com | Symbiotic Strategies, LLC | 26 Winton Road Meredith, NH 32535413 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Generic Notice | Commerce Attorneys | commerce.attorneys@ag.st ate.mn.us | Office of the Attorney General-DOC | 445 Minnesota Street Suite 1800 St. Paul, MN 55101 | Electronic Service | Yes | OFF_SL_19-674_M-19-674 |
| George | Crocker | gwillc@nawo.org | North American Water Office | PO Box 174 Lake Elmo, MN 55042 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Arthur | Crowell | Crowell.arthur@yahoo.com | A Work of Art Solar | 14333 Orchard Rd. Minnetonka, MN 55345 | Electronic Service | No | OFF_SL_19-674_M-19-674 |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|------------|----------------|--------------------------------------|--|--|-----------------------------|-------------------|------------------------|
| David | Dahlberg | davedahlberg@nweco.com | Northwestern Wisconsin Electric Company | P.O. Box 9 104 South Pine Street Grantsburg, WI | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| | | | | 548400009 | | | |
| James | Denniston | james.r.denniston@xcelen ergy.com | Xcel Energy Services, Inc. | 414 Nicollet Mall, Fifth Floor | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| | | | | Minneapolis, MN 55401 | | | |
| Curt | Dieren | curt.dieren@dgr.com | L&O Power Cooperative | 1302 S Union St | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| | | | | Rock Rapids, IA 51246 | | | |
| Carlon | Doyle Fontaine | carlon.doyle.fontaine@sen ate.mn | MN Senate | 75 Rev Dr Martin Luther King Jr Blvd Room G-17 St Paul, MN 55155 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Brian | Draxten | bhdraxten@otpco.com | Otter Tail Power Company | P.O. Box 496 215 South Cascade S Fergus Falls, MN 565380498 | Electronic Service treet | No | OFF_SL_19-674_M-19-674 |
| Kristen | Eide Tollefson | healingsystems69@gmail.c om | R-CURE | 28477 N Lake Ave Frontenac, MN 55026-1044 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Bob | Eleff | bob.eleff@house.mn | Regulated Industries Cmte | 100 Rev Dr Martin Luther King Jr Blvd Room 600 St. Paul, MN 55155 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Betsy | Engelking | betsy@geronimoenergy.co m | Geronimo Energy | 7650 Edinborough Way Suite 725 Edina, MN 55435 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Oncu | Er | oncu.er@avantenergy.com | Avant Energy, Agent for MMPA | 220 S. Sixth St. Ste. 1300 Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_19-674_M-19-674 |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|------------|------------|--|-------------------------------------|--|--------------------|-------------------|------------------------|
| James C. | Erickson | jericksonkbc@gmail.com | Kelly Bay Consulting | 17 Quechee St Superior, WI 54880-4421 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| John | Farrell | jfarrell@ilsr.org | Institute for Local Self-Reliance | 2720 E. 22nd St Institute for Local Self Reliance Minneapolis, MN 55406 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Sharon | Ferguson | sharon.ferguson@state.mn .us | Department of Commerce | 85 7th Place E Ste 280 Saint Paul, MN 551012198 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Nathan | Franzen | nathan@geronimoenergy.c om | Geronimo Energy | 7650 Edinborough Way Suite 725 Edina, MN 55435 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Hal | Galvin | halgalvin@comcast.net | Provectus Energy Development llc | 1936 Kenwood Parkway Minneapolis, MN 55405 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Edward | Garvey | garveyed@aol.com | Residence | 32 Lawton St Saint Paul, MN 55102 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Bruce | Gerhardson | bgerhardson@otpco.com | Otter Tail Power Company | PO Box 496 215 S Cascade St Fergus Falls, MN 565380496 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Allen | Gleckner | gleckner@fresh-energy.org | Fresh Energy | 408 St. Peter Street Ste 220 Saint Paul, Minnesota 55102 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Timothy | Gulden | timothy.gulden@yahoo.co m | Winona Renewable Energy, LLC | 1449 Ridgewood Dr Winona, MN 55987 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Tony | Hainault | anthony.hainault@co.henn epin.mn.us | Hennepin County DES | 701 4th Ave S Ste 700 Minneapolis, MN 55415-1842 | Electronic Service | No | OFF_SL_19-674_M-19-674 |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|------------|-----------|---|-------------------------------------|---|--------------------|-------------------|------------------------|
| Todd | Headlee | theadlee@dvigridsolutions. | Dominion Voltage, Inc. | 701 E. Cary Street Richmond, VA 23219 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Jared | Hendricks | jared.hendricks@owatonna utilities.com | Owatonna Public Utilities | PO Box 800 208 S Walnut Ave Owatonna, MN 55060-2940 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Annete | Henkel | mui@mnutilityinvestors.org | Minnesota Utility Investors | 413 Wacouta Street #230 St.Paul, MN 55101 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Shane | Henriksen | shane.henriksen@enbridge .com | Enbridge Energy Company, Inc. | 1409 Hammond Ave FL 2 Superior, WI 54880 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Michael | Норре | il23@mtn.org | Local Union 23, I.B.E.W. | 932 Payne Avenue St. Paul, MN 55130 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Jan | Hubbard | jan.hubbard@comcast.net | | 7730 Mississippi Lane Brooklyn Park, MN 55444 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Casey | Jacobson | cjacobson@bepc.com | Basin Electric Power Cooperative | 1717 East Interstate Avenue Bismarck, ND 58501 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Ralph | Jacobson | ralphj@ips-solar.com | | 2126 Roblyn Avenue Saint Paul, Minnesota 55104 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| John S. | Jaffray | jjaffray@jjrpower.com | JJR Power | 350 Highway 7 Suite 236 Excelsior, MN 55331 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Alan | Jenkins | aj@jenkinsatlaw.com | Jenkins at Law | 2950 Yellowtail Ave. Marathon, FL 33050 | Electronic Service | No | OFF_SL_19-674_M-19-674 |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|------------|-----------|-------------------------------|---------------------------------------|---|--------------------|-------------------|------------------------|
| Richard | Johnson | Rick.Johnson@lawmoss.co m | Moss & Barnett | 150 S. 5th Street Suite 1200 Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Nate | Jones | njones@hcpd.com | Heartland Consumers Power | PO Box 248 Madison, SD 57042 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Michael | Kampmeyer | mkampmeyer@a-e- group.com | AEG Group, LLC | 260 Salem Church Road Sunfish Lake, Minnesota 55118 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Mark J. | Kaufman | mkaufman@ibewlocal949.o rg | IBEW Local Union 949 | 12908 Nicollet Avenue South Burnsville, MN 55337 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Jennifer | Kefer | jennifer@dgardiner.com | Alliance for Industrial Efficiency | David Gardiner & Associates, LLC 2609 11th St N Arlington, VA 22201-2825 | Paper Service | No | OFF_SL_19-674_M-19-674 |
| Julie | Ketchum | N/A | Waste Management | 20520 Keokuk Ave Ste 200 Lakeville, MN 55044 | Paper Service | No | OFF_SL_19-674_M-19-674 |
| Ted | Kjos | tkjos@mienergy.coop | MiEnergy Cooperative | 31110 Cooperative Way PO Box 626 Rushford, MN 55971 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Brad | Klein | bklein@elpc.org | Environmental Law & Policy Center | 35 E. Wacker Drive, Suite 1600 Suite 1600 Chicago, IL 60601 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Thomas | Koehler | TGK@IBEW160.org | Local Union #160, IBEW | 2909 Anthony Ln St Anthony Village, MN 55418-3238 | Electronic Service | No | OFF_SL_19-674_M-19-674 |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|------------|-----------|----------------------------------|---|--|--------------------------|-------------------|------------------------|
| Chris | Kopel | chrisk@CMPASgroup.org | Central Minnesota Municipal Power Agency | 459 S Grove St Blue Earth, MN 56013-2629 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Brian | Krambeer | bkrambeer@mienergy.coo p | MiEnergy Cooperative | PO Box 626 31110 Cooperative W Rushford, MN 55971 | Electronic Service ay | No | OFF_SL_19-674_M-19-674 |
| Jon | Kramer | sundialjon@gmail.com | Sundial Solar | 3209 W 76th St Edina, MN 55435 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Michael | Krause | michaelkrause61@yahoo.c | Kandiyo Consulting, LLC | 433 S 7th Street Suite 2025 Minneapolis, Minnesota 55415 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Michael | Krikava | mkrikava@briggs.com | Briggs And Morgan, P.A. | 2200 IDS Center 80 S 8th St Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Matthew | Lacey | Mlacey@grenergy.com | Great River Energy | 12300 Elm Creek Boulevard Maple Grove, MN 553694718 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Douglas | Larson | dlarson@dakotaelectric.co m | Dakota Electric Association | 4300 220th St W Farmington, MN 55024 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| James D. | Larson | james.larson@avantenergy .com | Avant Energy Services | 220 S 6th St Ste 1300 Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Dean | Leischow | dean@sunrisenrg.com | Sunrise Energy Ventures | 315 Manitoba Ave Wayzata, MN 55391 | Electronic Service | No | OFF_SL_19-674_M-19-674 |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|------------|---------------|--|--|--|--------------------|-------------------|------------------------|
| Annie | Levenson Falk | annielf@cubminnesota.org | Citizens Utility Board of Minnesota | 332 Minnesota Street, Suite W1360 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| | | | | St. Paul, MN 55101 | | | |
| Benjamin | Lowe | N/A | Alevo USA Inc. | 101 S Stratford Rd Ste 210 Winston Salem, NC 27107-4224 | Paper Service | No | OFF_SL_19-674_M-19-674 |
| Susan | Ludwig | sludwig@mnpower.com | Minnesota Power | 30 West Superior Street Duluth, MN 55802 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Kavita | Maini | kmaini@wi.rr.com | KM Energy Consulting, LLC | 961 N Lost Woods Rd Oconomowoc, WI 53066 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Pam | Marshall | pam@energycents.org | Energy CENTS Coalition | 823 7th St E St. Paul, MN 55106 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Samuel | Mason | smason@beltramielectric.c om | Beltrami Electric Cooperative, Inc. | 4111 Technology Dr. NW PO Box 488 Bemidji, MN 56619-0488 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Dave | McNary | David.McNary@hennepin.u s | Hennepin County DES | 701 Fourth Ave S Ste 700 Minneapolis, MN 55415-1842 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| John | McWilliams | John.McWilliams@Dairylan dPower.com | Dairyland Power Cooperative | 3200 East Ave SPO Box 817 La Crosse, WI 54601-7227 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Thomas | Melone | Thomas.Melone@AllcoUS.com | Minnesota Go Solar LLC | 222 South 9th Street Suite 1600 Minneapolis, Minnesota 55120 | Electronic Service | No | OFF_SL_19-674_M-19-674 |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|------------|-------------|--------------------------------------|--------------------------------------|--|--------------------|-------------------|------------------------|
| David | Moeller | dmoeller@allete.com | Minnesota Power | 30 W Superior St Duluth, MN 558022093 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Dalene | Monsebroten | dalene.monsebroten@nmp agency.com | Northern Municipal Power Agency | 123 2nd St W Thief River Falls, MN 56701 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Andrew | Moratzka | andrew.moratzka@stoel.co m | Stoel Rives LLP | 33 South Sixth St Ste 4200 Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Ben | Nelson | benn@cmpasgroup.org | СММРА | 459 South Grove Street Blue Earth, MN 56013 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Carl | Nelson | cnelson@mncee.org | Center for Energy and Environment | 212 3rd Ave N Ste 560 Minneapolis, MN 55401 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Dale | Niezwaag | dniezwaag@bepc.com | Basin Electric Power Cooperative | 1717 East Interstate Avenue Bismarck, ND 58503 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| David | Niles | david.niles@avantenergy.c om | Minnesota Municipal Power Agency | 220 South Sixth Street Suite 1300 Minneapolis, Minnesota 55402 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Sephra | Ninow | sephra.ninow@energycent er.org | Center for Sustainable Energy | 426 17th Street, Suite 700 Oakland, CA 94612 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Rolf | Nordstrom | rnordstrom@gpisd.net | Great Plains Institute | 2801 21ST AVE S STE 220 Minneapolis, MN 55407-1229 | Electronic Service | No | OFF_SL_19-674_M-19-674 |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|------------|-----------|--------------------------------------|---|---|--------------------|-------------------|------------------------|
| Samantha | Norris | samanthanorris@alliantene rgy.com | Interstate Power and Light Company | 200 1st Street SE PO Box 351 Cedar Rapids, IA 524060351 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| David | O'Brien | david.obrien@navigant.co m | Navigant Consulting | 77 South Bedford St Ste 400 Burlington, MA 01803 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Jeff | O'Neill | jeff.oneill@ci.monticello.mn .us | City of Monticello | 505 Walnut Street Suite 1 Monticelllo, Minnesota 55362 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Russell | Olson | rolson@hcpd.com | Heartland Consumers Power District | PO Box 248 Madison, SD 570420248 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Dan | Patry | dpatry@sunedison.com | SunEdison | 600 Clipper Drive Belmont, CA 94002 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Jeffrey C | Paulson | jeff.jcplaw@comcast.net | Paulson Law Office, Ltd. | 4445 W 77th Street Suite 224 Edina, MN 55435 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Joyce | Peppin | joyce@mrea.org | Minnesota Rural Electric Association | 11640 73rd Ave N Maple Grove, MN 55369 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Mary Beth | Peranteau | mperanteau@wheelerlaw.c om | Wheeler Van Sickle & Anderson SC | 44 E. Mifflin Street, 10th Floor Madison, WI 53703 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Jennifer | Peterson | jjpeterson@mnpower.com | Minnesota Power | 30 West Superior Street Duluth, MN 55802 | Electronic Service | No | OFF_SL_19-674_M-19-674 |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|----------------|--------------------------------|--|--|---|-----------------------------|-------------------|------------------------|
| Hannah | Polikov | hpolikov@aee.net | Advanced Energy Economy Institute | 1000 Vermont Ave, Third Floor | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| | | | | Washington, DC 20005 | | | |
| David G. | Prazak | dprazak@otpco.com | Otter Tail Power Company | P.O. Box 496 215 South Cascade S Fergus Falls, MN 565380496 | Electronic Service treet | No | OFF_SL_19-674_M-19-674 |
| Gregory | Randa | granda@lakecountrypower. | Lake Country Power | 26039 Bear Ridge Drive Cohasset, MN 55721 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Mark | Rathbun | mrathbun@grenergy.com | Great River Energy | 12300 Elm Creek Blvd Maple Grove, MN 55369 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Michael | Reinertson | michael.reinertson@avante nergy.com | Avant Energy | 220 S. Sixth St. Ste 1300 Minneapolis, Minnesota 55402 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| John C. | Reinhardt | N/A | Laura A. Reinhardt | 3552 26th Ave S Minneapolis, MN 55406 | Paper Service | No | OFF_SL_19-674_M-19-674 |
| Generic Notice | Residential Utilities Division | residential.utilities@ag.stat e.mn.us | Office of the Attorney General-RUD | 1400 BRM Tower 445 Minnesota St St. Paul, MN 551012131 | Electronic Service | Yes | OFF_SL_19-674_M-19-674 |
| Kevin | Reuther | kreuther@mncenter.org | MN Center for Environmental Advocacy | 26 E Exchange St, Ste 206 St. Paul, MN 551011667 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Robert K. | Sahr | bsahr@eastriver.coop | East River Electric Power Cooperative | P.O. Box 227 Madison, SD 57042 | Electronic Service | No | OFF_SL_19-674_M-19-674 |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|-------------|------------|------------------------------|--|---|--------------------|-------------------|------------------------|
| Richard | Savelkoul | rsavelkoul@martinsquires.com | Martin & Squires, P.A. | 332 Minnesota Street Ste W2750 St. Paul, MN 55101 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Thomas | Scharff | thomas.scharff@versoco.c | Verso Corp | 600 High Street Wisconsin Rapids, WI 54495 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Larry L. | Schedin | Larry@LLSResources.com | LLS Resources, LLC | 332 Minnesota St, Ste W1390 St. Paul, MN 55101 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Christopher | Schoenherr | cp.schoenherr@smmpa.or g | SMMPA | 500 First Ave SW Rochester, MN 55902-3303 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Kay | Schraeder | kschraeder@minnkota.com | Minnkota Power | 5301 32nd Ave S Grand Forks, ND 58201 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Dean | Sedgwick | Sedgwick@Itascapower.com | Itasca Power Company | PO Box 455 Spring Lake, MN 56680 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Maria | Seidler | maria.seidler@dom.com | Dominion Energy Technology | 120 Tredegar Street Richmond, Virginia 23219 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| William | Seuffert | Will.Seuffert@state.mn.us | | 75 Rev Martin Luther King Jr Blvd 130 State Capitol St. Paul, MN 55155 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| David | Shaffer | shaff081@gmail.com | Minnesota Solar Energy Industries Project | 1005 Fairmount Ave Saint Paul, MN 55105 | Electronic Service | No | OFF_SL_19-674_M-19-674 |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|------------|-----------|--|--------------------------------------|--|--------------------|-------------------|------------------------|
| Patricia | Sharkey | psharkey@environmentalla wcounsel.com | Midwest Cogeneration Association. | 180 N. LaSalle Street Suite 3700 Chicago, Illinois 60601 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Bria | Shea | bria.e.shea@xcelenergy.co m | Xcel Energy | 414 Nicollet Mall Minneapolis, MN 55401 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Doug | Shoemaker | dougs@charter.net | Minnesota Renewable Energy | 2928 5th Ave S Minneapolis, MN 55408 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Audra | Skalet | askalet@mienergy.coop | MiEnergy Cooperative | 31110 Cooperative Way PO Box 626 Rushford, MN 55971 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Anne | Smart | anne.smart@chargepoint.c om | ChargePoint, Inc. | 254 E Hacienda Ave Campbell, CA 95008 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Joshua | Smith | joshua.smith@sierraclub.or g | | 85 Second St FL 2 San Francisco, California 94105 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Ken | Smith | ken.smith@ever- greenenergy.com | Ever Green Energy | 305 Saint Peter St Saint Paul, MN 55102 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Trevor | Smith | trevor.smith@avantenergy.com | Avant Energy, Inc. | 220 South Sixth Street Suite 1300 Minneapolis, Minnesota 55402 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Ken | Smith | ken.smith@districtenergy.c om | District Energy St. Paul Inc. | 76 W Kellogg Blvd St. Paul, MN 55102 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Beth H. | Soholt | bsoholt@windonthewires.or g | Wind on the Wires | 570 Asbury Street Suite 201 St. Paul, MN 55104 | Electronic Service | No | OFF_SL_19-674_M-19-674 |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|------------|-------------|---------------------------------------|--------------------------------|---|--------------------|-------------------|------------------------|
| Sky | Stanfield | stanfield@smwlaw.com | Shute, Mihaly & Weinberger | 396 Hayes Street San Francisco, CA 94102 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Tom | Stanton | tstanton@nrri.org | NRRI | 1080 Carmack Road Columbus, OH 43210 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Byron E. | Starns | byron.starns@stinson.com | STINSON LLP | 50 S 6th St Ste 2600 Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| James M | Strommen | jstrommen@kennedy- graven.com | Kennedy & Graven, Chartered | 200 S 6th St Ste 470 Minneapolis, MN 55402 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Eric | Swanson | eswanson@winthrop.com | Winthrop & Weinstine | 225 S 6th St Ste 3500 Capella Tower Minneapolis, MN 554024629 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Thomas P. | Sweeney III | tom.sweeney@easycleane nergy.com | Clean Energy Collective | P O Box 1828 Boulder, CO 80306-1828 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Lynnette | Sweet | Regulatory.records@xcele nergy.com | Xcel Energy | 414 Nicollet Mall FL 7 Minneapolis, MN 554011993 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Stuart | Tommerdahl | stommerdahl@otpco.com | Otter Tail Power Company | 215 S Cascade St PO Box 496 Fergus Falls, MN 56537 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Pat | Treseler | pat.jcplaw@comcast.net | Paulson Law Office LTD | 4445 W 77th Street Suite 224 Edina, MN 55435 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Lise | Trudeau | lise.trudeau@state.mn.us | Department of Commerce | 85 7th Place East Suite 500 Saint Paul, MN 55101 | Electronic Service | No | OFF_SL_19-674_M-19-674 |

| First Name | Last Name | Email | Company Name | Address | Delivery Method | View Trade Secret | Service List Name |
|-------------|-----------|--|---------------------------------------|--|--------------------|-------------------|------------------------|
| Karen | Turnboom | karen.turnboom@versoco.com | Verso Corporation | 100 Central Avenue Duluth, MN 55807 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Craig | Turner | cturner@dakotaelectric.co m | Dakota Electric Association | 4300 - 220th Street West Farmington, MN 550249583 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Andrew | Twite | twite@fresh-energy.org | Fresh Energy | 408 St. Peter Street, Ste. 220 St. Paul, MN 55102 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Lisa | Veith | lisa.veith@ci.stpaul.mn.us | City of St. Paul | 400 City Hall and Courthouse 15 West Kellogg Blvd. St. Paul, MN 55102 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Roger | Warehime | roger.warehime@owatonna utilities.com | Owatonna Public Utilities | 208 South WalnutPO Box 800 Owatonna, MN 55060 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Jenna | Warmuth | jwarmuth@mnpower.com | Minnesota Power | 30 W Superior St Duluth, MN 55802-2093 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Robyn | Woeste | robynwoeste@alliantenerg y.com | Interstate Power and Light Company | 200 First St SE Cedar Rapids, IA 52401 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Thomas J. | Zaremba | TZaremba@wheelerlaw.co m | WHEELER, VAN SICKLE & ANDERSON | 44 E. Mifflin Street, 10th Floor Madison, WI 53703 | Electronic Service | No | OFF_SL_19-674_M-19-674 |
| Christopher | Zibart | czibart@atcllc.com | American Transmission Company LLC | W234 N2000 Ridgeview Pkwy Court Waukesha, WI 53188-1022 | Electronic Service | No | OFF_SL_19-674_M-19-674 |