

June 20, 2025

Will Seuffert
Minnesota Public Utilities Commission
121 7th Place East, Suite 350
St. Paul, Minnesota 55101-2147

RE: Comments of the Minnesota Department of Commerce
Docket No. E002/CI-24-115

Dear Mr. Seuffert:

Attached are the comments of the Minnesota Department of Commerce (Department) in the following matter:

*A Commission Inquiry into Xcel Energy's Advanced Rate Design for
Load Management*

A notice of comment was filed by the Commission on March 17, 2025.

The Department recommends **that Xcel Energy be ordered to comply with Open Data Access Standards** as well as other recommendations and is available to answer any questions the Minnesota Public Utilities Commission may have.

Sincerely,

/s/ Dr. SYDNIE LIEB
Assistant Commissioner of Regulatory Analysis

YZ/AB/ad
Attachment



Before the Minnesota Public Utilities Commission

Comments of the Minnesota Department of Commerce

Docket No. E002/CI-24-115

I. INTRODUCTION

On March 17, 2025, the Minnesota Public Utilities Commission (Commission) issued a Notice of Comment Period in Docket No. E002/CI-24-115. The Commission invited stakeholder input on whether Northern States Power Company, d/b/a Xcel Energy (Xcel), should grant data access to the Citizens Utility Board of Minnesota and the Chan Lab from the University of Minnesota for the purpose of conducting a residential intra-class cost-causation study under the Open Data Access Standards, and what guidance the Commission should provide regarding the study's scope, evaluation, and timing.

The central dispute in this proceeding concerns whether Xcel's denial of the data request from CUB and the Chan Lab complies with the Commission's adopted Open Data Access Standards. CUB and the Chan Lab assert that their request meets all eligibility and privacy protection requirements under the standards and have proposed a study similar to work conducted in Illinois. Xcel opposes the request, citing privacy concerns and the belief that such a study would duplicate prior efforts.

The Department finds that the data request is reasonable and consistent with the Commission's standards, and recommends that the Commission allow the study to proceed. The Department further recommends that, if the Commission directs Xcel to conduct a study, the work begin after full AMI deployment and be filed as a compliance filing in this docket.

II. PROCEDURAL BACKGROUND

July 5, 2024	The Commission adopted revised Open Data Access Standards (ODAS), establishing new rules for third-party access to anonymized customer energy usage data. ¹
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February 13, 2025	CUB and the Chan Lab submitted a letter to the Commission outlining their proposal to conduct a residential usage profile and cost-causation study using anonymized CEUD. They also submitted a data request to Xcel Energy under the ODAS framework. ²
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¹ *In the Matter of a Petition by the Citizens Utility Board of Minnesota to Adopt Open Data Access Standards and In the Matter of a Commission Inquiry into Privacy Policies of Rate-Regulated Energy Utilities, Order Refining Open Data Access Standards*, July 5, 2024, Docket Nos. E,G-999/M-19-505 and E,G-999/CI-12-1344, (eDockets) [20247-208049-01](#), (hereinafter, Open Data Access Standards).

² *In the Matter of a Commission Inquiry into Xcel Energy's Advanced Rate Design for Load Management*, Citizens Utility Board of Minnesota and the Chan Lab at the University of Minnesota Center for Science, Technology, and Environmental Policy, Letter, February 13, 2025, Docket Nos. E-002/CI-24-115, (eDockets) [20252-215378-01](#), (hereinafter, CUB and Chan Lab Letter).

March 5, 2025	After Xcel denied the data request, CUB and the Chan Lab filed a formal complaint with the Commission, asserting that Xcel's refusal violated the ODAS and requesting Commission enforcement. ³
March 17, 2025	The Commission issued a Notice of Comment Period seeking input on whether Xcel should grant access to the requested data and what guidance should be provided if a residential cost-causation study is ordered. ⁴
April 16, 2025	Xcel submitted comments opposing the study and defending its decision to deny the data request. ⁵

Topic(s) open for comment:

- Should Xcel perform a study evaluating the contribution to Minnesota system costs caused by residential customers with different usage profiles, consulting the Citizen's Utility Board Illinois study as an example?
- What action should the Commission take, if any, regarding the information submitted by the Citizens Utility Board of Minnesota and the Chan Lab at the University of Minnesota in their February 13, 2025 and March 5, 2025 letters related to this matter?
- If the Commission orders such a study, what guidance on the methodology, contents, and goals should it provide?
- If the Commission orders such a study, when should Xcel file it and what process should be used to evaluate it?
- Are there other issues or concerns related to this matter?

³ *In the Matter of a Commission Inquiry into Xcel Energy's Advanced Rate Design for Load Management and In the Matter of a Petition by the Citizens Utility Board of Minnesota to Adopt Open Data Access Standards*, Citizens Utility Board of Minnesota and the Chan Lab at the University of Minnesota Center for Science, Technology, and Environmental Policy, Letter, March 5, 2025, Docket Nos. E-002/CI-24-115 and E,G-999/M-19-505, (eDockets) [20253-216091-01](#), (hereinafter, CUB and Chan Lab Complaint).

⁴ *In the Matter of a Commission Inquiry into Xcel Energy's Advanced Rate Design for Load Management, Notice of Comment Period*, March 17, 2025, Docket Nos. E-002/CI-24-115, (eDockets) [20253-216475-01](#).

⁵ *In the Matter of a Commission Inquiry into Xcel Energy's Advanced Rate Design for Load Management*, Xcel Energy, Comments, April 16, 2025, Docket Nos. E-002/CI-24-115, (eDockets) [20254-217758-01](#), (hereinafter, Xcel Comments).

III. DEPARTMENT ANALYSIS

A. BACKGROUND

A.1. *The Open Data Access Standards (ODAS)*

On July 5, 2024, the Minnesota Public Utilities Commission issued an order adopting revisions to the state's Open Data Access Standards (ODAS). While not the Commission's first order on customer data access, the July 5, 2024 Order introduced several updates to the ODAS, particularly governing the sharing of anonymized Customer Energy Use Data (CEUD) with third parties. These changes are central to the present dispute in this docket, which involves a denied CEUD request by the Citizens Utility Board of Minnesota (CUB) and the University of Minnesota's Chan Lab (Chan Lab).

The updated ODAS expand the categories of entities eligible to request anonymized CEUD. Newly eligible requesters include nonprofit organizations registered under Section 501(c)(3) of the Internal Revenue Code, the Minnesota Attorney General's office, academic researchers affiliated with accredited institutions operating under a federal Institutional Review Board (IRB), and third parties offering demand response, energy efficiency, or related services to a utility.⁶ These provisions clarify that independent research organizations and policy-focused nonprofits may request data, provided that the intended use aligns with the public interest.

The ODAS include several ways of protection to keep customer information private when anonymized energy data is shared with outside groups. First, the rules require that any dataset must include at least 15 customers, and no single customer can make up more than 15 percent of the total energy use.⁷ This "15/15 rule" helps prevent anyone from guessing who the data belongs to and minimize the risk of re-identification. Second, the data cannot include any kind of code or label that could be used to trace it back to a specific person.⁸ Third, any group asking for the data must sign a contract or nondisclosure agreement with the utility.⁹ This agreement must explain how the data will be used, ban any attempt to re-identify customers, and list everyone who will have access to the data. It also requires that any personal information found by accident must be deleted, and that anyone working with the group follows the same privacy rules. Altogether, these protections are meant to ensure that anonymized data can be used for research and program design without putting customer privacy at risk.

The ODAS also clarify the conditions under which a utility may refuse a CEUD request. Specifically, a utility may refuse to provide anonymized data if it reasonably believes that doing so would: create a security risk to the utility, its customers, or the public; if the release would enable re-identification of individual customers; or if the request would result in a violation of the contract terms.¹⁰ Additionally,

⁶ Open Data Access Standards, Section III.B.(2)(iv).

⁷ *Id.*, Section III.B.(2)(i), hereinafter referred to as the "15/15 rule".

⁸ *Id.*, Section III.B.(2)(ii).

⁹ *Id.*, Section III.B.(2)(iv),

¹⁰ *Id.*, Section III.C.

if a utility chooses to deny such a request, it must issue a timely written explanation to the requester detailing the reasons for the denial.¹¹

A.2. *CUB and Chan Lab Complaint*

On March 5, 2025, CUB and Chan Lab jointly filed a formal complaint regarding Xcel's refusal to provide access to anonymized CEUD.¹² The complaint centers on whether Xcel's decision is consistent with the ODAS. According to the complaint, CUB and Chan Lab plan a residential usage profile study to examine how different types of customers contribute to overall system costs and whether current rate designs fairly reflect those cost patterns. Their proposed study would build on a 2019 analysis conducted by the Illinois Citizens Utility Board, which found that flat residential rates can result in cross-subsidization, where lower-usage, lower-income customers often pay more than their share of system costs. CUB and Chan Lab intend to replicate and extend that work in the Minnesota context to inform more equitable rate design.

Xcel denied the request in a letter dated February 13, 2025.¹³ In its response, Xcel argued that the proposed study was unnecessary given prior internal research and expressed concern that releasing the requested data, even in anonymized form, could present a privacy risk. In their March 5 complaint, CUB and the Chan Lab argued that Xcel's refusal was inconsistent with the ODAS, which allows for the sharing of anonymized data when appropriate protections are in place. They contended that Xcel's privacy concerns were speculative and did not meet the standard for denying a qualified request under the ODAS framework.

In the complaint letter, CUB and Chan Lab asked the Commission to affirm that qualified third parties have a right to access anonymized CEUD under the ODAS and to direct Xcel to release the requested data. They also requested that the Commission clarify that compliance with ODAS protections, including eligibility requirements, anonymization rules, and formal data use agreements, should create a presumption in favor of disclosure, and that general concerns about privacy are not sufficient grounds for denial. This complaint raises broader questions about how the ODAS will function in practice and whether independent research efforts will be able to access utility data needed to support public policy development. The outcome of this case may determine whether the ODAS provides a meaningful framework for external analysis or whether utilities will continue to have wide discretion to withhold anonymized data even when the standards are met.

¹¹ *Id.*, Section III.D.

¹² *In the Matter of a Commission Inquiry into Xcel Energy's Advanced Rate Design for Load Management and In the Matter of a Petition by the Citizens Utility Board of Minnesota to Adopt Open Data Access Standards*, Citizens Utility Board of Minnesota and the Chan Lab at the University of Minnesota Center for Science, Technology, and Environmental Policy, Letter, March 5, 2025, Docket Nos. E-002/CI-24-115 and E,G-999/M-19-505, (eDockets) [20253-216091-01](#), (hereinafter, CUB and Chan Lab Complaint).

¹³ CUB and Chan Lab Complaint, Attachment B.

A.3. Xcel Comments

On April 16, 2025, Xcel submitted comments opposing the request from CUB and Chan Lab. Xcel argued that a new residential usage profile study is unnecessary. The company believes the study would repeat findings from its Residential Time-of-Use Rate Pilot conducted from 2020 to 2022, which showed that low-income customers tend to use less energy during peak times and have flatter usage patterns than average.¹⁴

Xcel pointed to several upcoming initiatives that it believes address the concerns raised by CUB and Chan Lab.¹⁵ These include the Low-Income Low-Usage Discount, the new residential Time-of-Use rate approved in 2025 and launching in 2026, and the Automatic Bill Credit Pilot approved in 2024. Xcel also expressed concerns about data privacy, maintaining that even anonymized datasets could pose a re-identification risk when combined with other sources of publicly available information. Although the company acknowledged that CUB and Chan Lab are eligible requesters under the ODAS, it argued that customer privacy risks remain significant and are not easily mitigated.¹⁶

Xcel stated that while it does not oppose conducting a residential usage study if directed by the Commission, it recommends delaying such work until at least 2027 to ensure full-year, system-wide data from its Advanced Metering Infrastructure (AMI) deployment.¹⁷

B. SCOPE OF THE STUDY

The study proposed by the CUB and Chan Lab aims to perform a segmentation analysis using anonymized, 30-minute interval CEUD over a minimum of 12 consecutive months. The project would identify clusters of residential customers based on their load shapes and analyze how those clusters contribute to system costs such as capacity, peak demand, and infrastructure usage. The analysis also intends to link load profiles with demographic and housing characteristics using census block group data, enabling deeper insight into how energy burden and usage patterns vary across income levels, race, age, and housing types.¹⁸

The Department finds that this type of segmentation study offers unique analytical value that complements, rather than duplicates, Xcel's internal efforts. Unlike Xcel's Time-of-Use (TOU) pilot, which focused on bill impacts and customer response to price signals, the proposed study would evaluate how customer usage patterns align with underlying cost drivers. This distinction is critical, as identifying structural cost causation within the residential class can inform more equitable and cost-reflective rate designs over the long term. In particular, clustering customers by usage profiles allows for a nuanced understanding of intra-class cross-subsidies that are not easily captured through average metrics or pilot outcomes alone.

¹⁴ Xcel Comments, at 5.

¹⁵ *Id.*, at 5-6.

¹⁶ *Id.*, at 12.

¹⁷ *Id.*, at 14.

¹⁸ CUB and Chan Lab Letter, at 2-3.

Moreover, the study's integration of demographic and housing variables provides important context for understanding the equity implications of different rate structures. This level of analysis goes beyond what has been presented in past utility filings and enables a more transparent, data-driven discussion about affordability, electrification, and rate fairness.

Overall, the Department views the CUB and Chan Lab study as a valuable contribution to the ongoing evolution of residential rate design. It is not redundant with Xcel's prior research but rather serves as a complementary and independently developed approach that could offer important insights for the Commission, stakeholders, and future regulatory proceedings.

C. DATA PRIVACY CONCERNS

The Department recognizes the importance of protecting customer privacy when considering any form of data sharing with third-party. Although the data sought in this proceeding is anonymized, Xcel's concerns about the potential for re-identification, particularly when interval-level usage data is combined with external datasets are legitimate. The Department takes these concerns seriously and acknowledges that privacy safeguards must be an integral part of any data access framework. At the same time, the Department finds that the ODAS already provide a strong and workable structure to protect customer data while enabling appropriate third-party access to anonymized CEUD.

The ODAS outline several specific mechanisms to protect customer confidentiality. First, the "15/15 rule" requires that any anonymized dataset include no fewer than fifteen customers, with no individual customer accounting for more than fifteen percent of total energy use. This rule is intended to limit the likelihood that individual consumption patterns can be uniquely identified.

Second, the standards permit the use of geographic aggregation, including identification by census block group, provided that other anonymization requirements are met. This aggregation helps preserve analytical value while maintaining group-level privacy protections.

Third, utilities are authorized to require requesting parties to sign nondisclosure or data use agreements as a condition of access. These agreements must include terms prohibiting re-identification, limiting data access to named individuals or contractors, and outlining appropriate use and destruction policies.

Taken together, these provisions form a comprehensive framework to manage the risks of anonymized data disclosure.

CUB and Chan Lab submitted a formal data request to Xcel Energy in February 2025 for the study they proposed. The following data elements were requested:¹⁹

- Residential energy usage data for a minimum of twelve and up to thirty-six consecutive months;
- Interval-level data recorded at 30-minute intervals;
- Data at the individual meter level;
- Geographic identification by U.S. Census block group;
- Data covering all households in Xcel's service area with at least twelve months of advanced metering data available; and
- Data sets meeting the "15/15 rule."

In this case, the Department finds that the data requested by CUB and Chan Lab aligns with all major protections required under the ODAS, including compliance with the "15/15 rule," use of census block group identifiers, and a willingness to sign a data use agreement. Xcel has not provided evidence that the requested data presents an exceptional risk that would justify denial under the ODAS framework. Therefore, the Department finds that the privacy protections in place are sufficient to allow this study to proceed without compromising customer confidentiality.

D. QUESTIONS TO BE ANSWERED

D.1. Should Xcel perform a study evaluating the contribution to Minnesota system costs caused by residential customers with different usage profiles, consulting the Citizen's Utility Board Illinois study as an example?

The Department believes it is necessary for CUB and the Chan Lab to move forward with their proposed study. Their initiative is consistent with the public-interest purpose of the Open Data Access Standards, and their proposed methodology offers an independent, academically grounded approach to understanding intra-class cost causation in Minnesota.

While the Department does not oppose Xcel conducting a separate internal study, we do not support a structure in which Xcel is the sole party responsible for performing the analysis. Independent and utility-led studies serve different purposes, and the presence of both could provide valuable points of comparison. This would allow for a more robust understanding of usage profiles and rate equity.

In short, the Department supports the CUB and Chan Lab study as a necessary and complementary effort, and sees value in allowing multiple perspectives to inform future rate design decisions.

¹⁹ *Id.*, at 3.

D.2. What action should the Commission take, if any, regarding the information submitted by the Citizens Utility Board of Minnesota and the Chan Lab at the University of Minnesota in their February 13, 2025 and March 5, 2025 letters related to this matter?

In this case, the Department finds that the denial by Xcel based on the asserted redundancy of the proposed study is not a valid reason for withholding data under the criteria provided in the ODAS. The Open Data Access Standards do not authorize utilities to evaluate the research merit or necessity of a proposed study when deciding whether to grant a data request.

Moreover, the Department finds that the data requested by CUB and Chan Lab complies with the protections required under the Open Data Access Standards. As such, the Commission should clarify that speculative or policy-based objections unrelated to data security or customer privacy do not constitute a sufficient basis for denial. Affirming this position will help ensure consistent and fair application of the Open Data Access Standards in future proceedings.

Therefore, the Department recommends that the Commission acknowledge the letters submitted by CUB and Chan Lab and affirm that their proposed study qualifies as public-interest research under the ODAS. The Department finds that both organizations meet the eligibility requirements established in the ODAS and that their research aligns with the stated objectives of the standards.

D.3. If the Commission orders such a study, what guidance on the methodology, contents, and goals should it provide?

The Department is developing a proposed methodology and will offer more specific recommendations in its reply comments.

D.4. If the Commission orders such a study, when should Xcel file it and what process should be used to evaluate it?

The Department agrees with Xcel that the study should begin after AMI deployment is complete to ensure that full-year interval data is available across the residential customer class. The Department recommends that, if the Commission directs Xcel to conduct the study, the Company initiate the analysis in early 2027 and file the results no later than the end of that year.

The Department further recommends that, if the Commission approves such a study, Xcel file the completed study as a compliance filing under this docket.

D.5. Are there other issues or concerns related to this matter?

The Department has no other issues or concerns related to this matter at this time.

IV. DEPARTMENT RECOMMENDATIONS

Based on analysis of the proposed study, Xcel's response, and the information in the record, the Department has prepared recommendations, which are provided below. The recommendations correspond to the subheadings of Section III above.

A. QUESTIONS TO BE ANSWERED

- D.1. The Department recommends that Xcel conduct a parallel study if desired but should not be the sole party conducting the analysis.
- D.2. The Department recommends that the Commission allow CUB and Chan Lab to proceed with their proposed study using anonymized data in accordance with the Open Data Access Standards (ODAS).
- D.4.1 The Department recommends that if such a study is approved by the Commission, it should begin in 2027 after Xcel's AMI deployment is complete.
- D.4.2 The Department recommends that, if Xcel is approved to conduct the study, any resulting study be filed as a compliance filing in this docket.

CERTIFICATE OF SERVICE

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

Minnesota Department of Commerce
Comments

Docket No. E002/CI-24-115

Dated this **20th** day of **June 2025**

/s/Sharon Ferguson

[illegible]

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
15	Kevin	Auerbacher	kauerbacher@tesla.com	Tesla, Inc.		1050 K Street NW, Suite 101 Washington DC, 20001 United States	Electronic Service		No	24-115Official
16	John	Bailey	bailey@ilsr.org	Institute For Local Self-Reliance		1313 5th St SE Ste 303 Minneapolis MN, 55414 United States	Electronic Service		No	24-115Official
17	Anjali	Bains	bains@fresh-energy.org	Fresh Energy		408 Saint Peter Ste 220 Saint Paul MN, 55102 United States	Electronic Service		No	24-115Official
18	Mark	Bakk	mbakk@lcp.coop	Lake Country Power		26039 Bear Ridge Drive Cohasset MN, 55721 United States	Electronic Service		No	24-115Official
19	Gail	Baranko	gail.baranko@xcelenergy.com	Xcel Energy		414 Nicollet Mall 7th Floor Minneapolis MN, 55401 United States	Electronic Service		No	24-115Official
20	Max	Baumhefner	mbaumhefner@nrdc.org	Natural Resources Defense Council		111 Sutter St 21st Fl San Francisco CA, 94104 United States	Electronic Service		No	24-115Official
21	Jessica L	Bayles	jessica.bayles@stoel.com	Stoel Rives LLP		1150 18th St NW Ste 325 Washington DC, 20036 United States	Electronic Service		No	24-115Official
22	Mathias	Bell	mathias@weavegrid.com	WeaveGrid		375 Alabama Street, Suite 325 San Francisco CA, 94110 United States	Electronic Service		No	24-115Official
23	David	Bender	dbender@earthjustice.org	Earthjustice		1001 G Street NW Suite 1000 Washington DC, 20001 United States	Electronic Service		No	24-115Official
24	James J.	Bertrand	james.bertrand@stinson.com	STINSON LLP		50 S 6th St Ste 2600 Minneapolis MN, 55402 United States	Electronic Service		No	24-115Official
25	Derek	Bertsch	derek.bertsch@mrenergy.com	Missouri River Energy Services		3724 West Avera Drive PO Box 88920 Sioux Falls SD, 57109-8920 United States	Electronic Service		No	24-115Official
26	Laura	Bishop	laura.bishop@state.mn.us		Minnesota Pollution Control Agency	520 Lafayette Rd Saint Paul MN, 55155 United States	Electronic Service		No	24-115Official
27	Ingrid	Bjorklund	ingrid@bjorklundlaw.com	Bjorklund Law, PLLC		855 Village Center Drive #256 North Oaks MN, 55127 United States	Electronic Service		No	24-115Official

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
28	William	Black	bblack@mmua.org	MMUA		Suite 200 3131 Fernbrook Lane North Plymouth MN, 55447 United States	Electronic Service		No	24-115Official
29	Zoe	Bourgerie	zoe.bourgerie@minneapolismn.gov	Minneapolis City of Lakes		350 S 5th St Rm 307 Minneapolis MN, 55415 United States	Electronic Service		No	24-115Official
30	Kenneth	Bradley	kbradley@environmentminnesota.org			2837 Emerson Ave S Apt CW112 Minneapolis MN, 55408 United States	Electronic Service		No	24-115Official
31	Elizabeth	Brama	ebrama@taftlaw.com	Taft Stettinius & Hollister LLP		2200 IDS Center 80 South 8th Street Minneapolis MN, 55402 United States	Electronic Service		No	24-115Official
32	Jon	Brekke	jbrekke@grenergy.com	Great River Energy		12300 Elm Creek Boulevard Maple Grove MN, 55369-4718 United States	Electronic Service		No	24-115Official
33	Sydney R.	Briggs	sbriggs@swce.coop	Steele-Waseca Cooperative Electric		2411 W. Bridge St PO Box 485 Owatonna MN, 55060-0485 United States	Electronic Service		No	24-115Official
34	Mark B.	Bring	mbring@otpc.com	Otter Tail Power Company		215 South Cascade Street PO Box 496 Fergus Falls MN, 56538-0496 United States	Electronic Service		No	24-115Official
35	Matthew	Brodin	mbrodin@allte.com	Minnesota Power		30 West Superior Street Duluth MN, 55802 United States	Electronic Service		No	24-115Official
36	Janet	Brown	jab5100@gmail.com	Sabathani Community Center (Sabathani/SCC)		310 E 38th St Ste 200 Minneapolis MN, 55409 United States	Electronic Service		No	24-115Official
37	Christina	Brusven	cbrusven@fredlaw.com	Fredrikson Byron		60 S 6th St Ste 1500 Minneapolis MN, 55402-4400 United States	Electronic Service		No	24-115Official
38	James	Canaday	james.canaday@ag.state.mn.us		Office of the Attorney General - Residential Utilities Division	Suite 1400 445 Minnesota St. St. Paul MN, 55101 United States	Electronic Service		No	24-115Official
39	Thomas	Carlson	thomas.carlson@edf-re.com	EDF Renewable Energy		10 2nd St NE Ste. 400 Minneapolis MN, 55413 United States	Electronic Service		No	24-115Official

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
40	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	24- 115Official
41	Gabriel	Chan	gabechan@umn.edu			130 Hubert H. Humphrey Center 301 19th Ave S Minneapolis MN, 55455 United States	Electronic Service		No	24- 115Official
42	Cody	Chilson	cchilson@greatermngas.com	Greater Minnesota Gas, Inc. & Greater MN Transmission, LLC		1900 Cardinal Ln PO Box 798 Faribault MN, 55021 United States	Electronic Service		No	24- 115Official
43	Ray	Choquette	rchoquette@agp.com	Ag Processing Inc.		12700 West Dodge Road PO Box 2047 Omaha NE, 68103-2047 United States	Electronic Service		No	24- 115Official
44	John	Coffman	john@johncoffman.net	AARP		871 Tuxedo Blvd. St. Louis MO, 63119-2044 United States	Electronic Service		No	24- 115Official
45	Kenneth A.	Colburn	kcolburn@symbioticstrategies.com	Symbiotic Strategies, LLC		26 Winton Road Meredith NH, 32535413 United States	Electronic Service		No	24- 115Official
46	Brent	Coleman	blc@dvclaw.com	Electrify America, LLC		1750 SW Harbor Way Suite 450 Portland OR, 97201 United States	Electronic Service		No	24- 115Official
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	24- 115Official
48	Erin	Conti	erin.conti@ag.state.mn.us		Office of the Attorney General - Residential Utilities Division	445 Minnesota Street, Suite 1400 St. Paul MN, 55101 United States	Electronic Service		No	24- 115Official
49	Grace	Corbin	g.corbin@mpls-synod.org	Eco-Faith Network		122 W Franklin Ave Ste 600 Minneapolis MN, 55404 United States	Electronic Service		No	24- 115Official
50	Hillary	Creurer	hcreurer@allete.com	Minnesota Power		30 W Superior St Duluth MN, 55802 United States	Electronic Service		No	24- 115Official
51	George	Crocker	gwillc@nawo.org	North American Water Office		5093 Keats Avenue Lake Elmo MN, 55042 United States	Electronic Service		No	24- 115Official
52	Leigh	Currie	lcurrie@mncenter.org	Minnesota Center for Environmental Advocacy		1919 University Ave W Ste 515 St. Paul MN,	Electronic Service		No	24- 115Official

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						55104 United States				
53	Lauren	Davis	lauren.davis@atlaspolicy.com	Atlas Public Policy		515 Q Street NW Unit 2 Washington DC, 20001 United States	Electronic Service		No	24-115Official
54	Matthew	Deal	matthew.deal@chargepoint.com	ChargePoint, Inc.		254 Hacienda Ave Campbell CA, 95008 United States	Electronic Service		No	24-115Official
55	Timothy	DenHerder Thomas	timothy@cooperativeenergyfutures.com	Cooperative Energy Futures		3500 Bloomington Ave. S Minneapolis MN, 55407 United States	Electronic Service		No	24-115Official
56	James	Denniston	james.r.denniston@xcelenergy.com	Xcel Energy Services, Inc.		414 Nicollet Mall, 401-8 Minneapolis MN, 55401 United States	Electronic Service		No	24-115Official
57	Carrie	Desmond	carrie.desmond@metrotransit.org	Metropolitan Council		560 6th Avenue North Minneapolis MN, 55411 United States	Electronic Service		No	24-115Official
58	Curt	Dieren	curt.dieren@dgr.com	L&O Power Cooperative		1302 S Union St Rock Rapids IA, 51246 United States	Electronic Service		No	24-115Official
59	Ian M.	Dobson	ian.m.dobson@xcelenergy.com	Xcel Energy		414 Nicollet Mall, 401-8 Minneapolis MN, 55401 United States	Electronic Service		No	24-115Official
60	Bridget	Dockter	bridget.dockter@xcelenergy.com			null null, null United States	Electronic Service		No	24-115Official
61	Carlton	Doyle Fontaine	carlon.doyle.fontaine@senate.mn	MN Senate		75 Rev Dr Martin Luther King Jr Blvd Room G-17 St Paul MN, 55155 United States	Electronic Service		No	24-115Official
62	J.	Drake Hamilton	hamilton@fresh-energy.org	Fresh Energy		408 St Peter St Ste 350 Saint Paul MN, 55101 United States	Electronic Service		No	24-115Official
63	Michelle	Dreier	mdreier@electricalassociation.com			null null, null United States	Electronic Service		No	24-115Official
64	Christopher	Droske	christopher.droske@minneapolismn.gov	Northern States Power Company dba Xcel Energy-Elec		661 5th Ave N Minneapolis MN, 55405 United States	Electronic Service		No	24-115Official
65	Brian	Edstrom	briane@cubminnesota.org	Citizens Utility Board of Minnesota		332 Minnesota St Ste W1360 Saint Paul MN, 55101 United States	Electronic Service		No	24-115Official
66	William	Ehrlich	wehrlich@tesla.com	Tesla, Inc.		3500 Deer Creek Rd Palo Alto CA, 94304 United States	Electronic Service		No	24-115Official
67	Kristen	Eide Tollefson	healingsystems69@gmail.com	R-CURE		28477 N Lake Ave Frontenac MN, 55026-	Electronic Service		No	24-115Official

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						1044 United States				
68	Rebecca	Eilers	rebecca.d.eilers@xcelenergy.com	Xcel Energy		414 Nicollet Mall - 401 7th Floor Minneapolis MN, 55401 United States	Electronic Service		No	24- 115Official
69	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	24- 115Official
70	Ron	Elwood	relwood@mnlisap.org	Legal Services Advocacy Project		970 Raymond Avenue Suite G-40 Saint Paul MN, 55114 United States	Electronic Service		No	24- 115Official
71	Betsy	Engelking	betsy@nationalgridrenewables.com	National Grid Renewables		8400 Normandale Lake Blvd Ste 1200 Bloomington MN, 55437 United States	Electronic Service		No	24- 115Official
72	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- 115Official
73	Eric	Fehlhaber	efehlhaber@dakotaelectric.com	Dakota Electric Association		4300 220th St W Farmington MN, 55024 United States	Electronic Service		No	24- 115Official
74	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- 115Official
75	Mike	Fiterman	mikefiterman@libertydiversified.com	Liberty Diversified International		5600 N Highway 169 Minneapolis MN, 55428- 3096 United States	Electronic Service		No	24- 115Official
76	David A.	Fitzgerald	daf@dvclaw.com	Davison Van Cleve		2321 Fairview Ave E #3 Seattle WA, 98102 United States	Electronic Service		No	24- 115Official
77	Lucas	Franco	lfranco@liunagroc.com	LIUNA		81 Little Canada Rd E Little Canada MN, 55117 United States	Electronic Service		No	24- 115Official
78	Nathan	Franzen	nathan@nationalgridrenewables.com	Geronimo Energy, LLC		8400 Normandale Lake Blvd Ste 1200 Bloomington MN, 55437 United States	Electronic Service		No	24- 115Official
79	Daryll	Fuentes	energy@usg.com	USG Corporation		550 W Adams St Chicago IL, 60661 United States	Electronic Service		No	24- 115Official
80	James	Garness	james.r.garness@xcelenergy.com			null null, null	Electronic Service		No	24- 115Official

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						United States				
81	Patti	Gartland	pgartland@greaterstcloud.com	Greater St. Cloud Development Corp.		501 West St Germain St Ste 100 St. Cloud MN, 56301 United States	Electronic Service		No	24-115Official
82	Edward	Garvey	garveyed@aol.com	Residence		32 Lawton St Saint Paul MN, 55102 United States	Electronic Service		No	24-115Official
83	Allen	Gleckner	gleckner@fresh-energy.org	Fresh Energy		408 St. Peter Street Ste 350 Saint Paul MN, 55102 United States	Electronic Service		No	24-115Official
84	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	24-115Official
85	Jenny	Glumack	jenny@mrea.org	Minnesota Rural Electric Association		11640 73rd Ave N Maple Grove MN, 55369 United States	Electronic Service		No	24-115Official
86	Anita	Grace	anita@gracemulticultural.com	GRACE Multictural		12959 196th LN NW Elk River MN, 55330 United States	Electronic Service		No	24-115Official
87	Ryan	Granholm	ryan.granholm@afslaw.com	ArentFox Schiff LLP		233 S Wacker Dr. Ste. 7100 Chicago IL, 60647 United States	Electronic Service		No	24-115Official
88	Todd J.	Guerrero	todd.guerrero@kutakrock.com	Kutak Rock LLP		Suite 1750 220 South Sixth Street Minneapolis MN, 55402-1425 United States	Electronic Service		No	24-115Official
89	Natalie	Haberman	townsend@fresh-energy.org	Fresh Energy		408 St Peter St # 350 St. Paul MN, 55102 United States	Electronic Service		No	24-115Official
90	Joe	Halso	joe.halso@sierraclub.org	Sierra Club		1536 Wynkoop St Ste 200 Denver CO, 80202 United States	Electronic Service		No	24-115Official
91	Katherine	Hamilton	katherine@aem-alliance.org	Advanced Energy Management Alliance		1701 Rhode Island Ave, NW Washington DC, 20036 United States	Electronic Service		No	24-115Official
92	Jason G.	Harp	jason.harp@afslaw.com	ArentFox Schiff LLP		233 S Wacker Dr Ste 7100 Chicago IL, 60606 United States	Electronic Service		No	24-115Official
93	Matthew B	Harris	matt.b.harris@xcelenergy.com	XCEL ENERGY		401 Nicollet Mall FL 8 Minneapolis MN, 55401 United States	Electronic Service		No	24-115Official
94	Shubha	Harris	shubha.m.harris@xcelenergy.com	Xcel Energy		414 Nicollet Mall, 401 - FL	Electronic Service		No	24-115Official

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						8 Minneapolis MN, 55401 United States				
95	Erik	Hatlestad	erik@cureriver.org			117 1st St Montevideo MN, 56265 United States	Electronic Service		No	24-115Official
96	Kim	Havey	kim.havey@minneapolismn.gov	City of Minneapolis		350 South 5th Street, Suite 315M Minneapolis MN, 55415 United States	Electronic Service		No	24-115Official
97	Philip	Hayet	phayet@jkenn.com	J. Kennedy and Associates, Inc.		570 Colonial Park Drive Suite 305 Roswell GA, 30075-3770 United States	Electronic Service		No	24-115Official
98	Todd	Headlee	theadlee@dvigridsolutions.com	Dominion Voltage, Inc.		701 E. Cary Street Richmond VA, 23219 United States	Electronic Service		No	24-115Official
99	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	24-115Official
100	Adam	Heinen	aheinen@dakotaelectric.com	Dakota Electric Association		4300 220th St W Farmington MN, 55024 United States	Electronic Service		No	24-115Official
101	Annete	Henkel	mui@mnuutilityinvestors.org	Minnesota Utility Investors		413 Wacouta Street #230 St.Paul MN, 55101 United States	Electronic Service		No	24-115Official
102	Jessy	Hennesy	jessy.hennesy@avantenergy.com	Avant Energy		220 S. Sixth St. Ste 1300 Minneapolis MN, 55402 United States	Electronic Service		No	24-115Official
103	Sandra	Henry	sandra.henry@elevatenp.org	Elevate		322 S Green St Ste 300 Chicago IL, 60607 United States	Electronic Service		No	24-115Official
104	Katherine	Hinderlie	katherine.hinderlie@ag.state.mn.us		Office of the Attorney General - Residential Utilities Division	445 Minnesota St Suite 1400 St. Paul MN, 55101-2134 United States	Electronic Service		Yes	24-115Official
105	Corey	Hintz	chintz@dakotaelectric.com	Dakota Electric Association		4300 220th Street Farmington MN, 55024-9583 United States	Electronic Service		No	24-115Official
106	Joe	Hoffman	ja.hoffman@smmpa.org	SMMPA		500 First Ave SW Rochester MN, 55902-3303 United States	Electronic Service		No	24-115Official
107	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	24-115Official
108	MJ	Horner	mj.horner@xcelenergy.com			null null, null	Electronic Service		No	24-115Official

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						United States				
109	Samantha	Houston	shouston@ucsusa.org	Union of Concerned Scientists		1825 K St. NW Ste 800 Washington DC, 20006 United States	Electronic Service		No	24-115Official
110	Lori	Hoyum	lhoyum@mnpower.com	Minnesota Power		30 West Superior Street Duluth MN, 55802 United States	Electronic Service		No	24-115Official
111	Jan	Hubbard	jan.hubbard@comcast.net			7730 Mississippi Lane Brooklyn Park MN, 55444 United States	Electronic Service		No	24-115Official
112	Holmes	Hummel	holmes.hummel@cleanenergyworks.org	Clean Energy Works		925 French St NW Washington DC, 20001 United States	Electronic Service		No	24-115Official
113	Geoffrey	Inge	ginge@regintl.com	Regulatory Intelligence LLC		PO Box 270636 Superior CO, 80027-9998 United States	Electronic Service		No	24-115Official
114	Casey	Jacobson	cjacobson@bepc.com	Basin Electric Power Cooperative		1717 East Interstate Avenue Bismarck ND, 58501 United States	Electronic Service		No	24-115Official
115	Travis	Jacobson	travis.jacobson@mdu.com	Great Plains Natural Gas Company		400 N 4th St Bismarck ND, 58501 United States	Electronic Service		No	24-115Official
116	John S.	Jaffray	jjaffray@jjrpower.com	JJR Power		350 Highway 7 Suite 236 Excelsior MN, 55331 United States	Electronic Service		No	24-115Official
117	Alan	Jenkins	aj@jenkinsatlaw.com	Jenkins at Law		2950 Yellowtail Ave. Marathon FL, 33050 United States	Electronic Service		No	24-115Official
118	Andrea	Jenkins	andrea.jenkins@minneapolismn.gov	Minneapolis City of Lakes		350 S 5th St Room 307 Minneapolis MN, 55415 United States	Electronic Service		No	24-115Official
119	Richard	Johnson	rick.johnson@lawmoss.com	Moss & Barnett		150 S. 5th Street Suite 1200 Minneapolis MN, 55402 United States	Electronic Service		No	24-115Official
120	Sarah	Johnson Phillips	sjphillips@stoel.com	Stoel Rives LLP		33 South Sixth Street Suite 4200 Minneapolis MN, 55402 United States	Electronic Service		No	24-115Official
121	Nate	Jones	njones@hcpd.com	Heartland Consumers Power		PO Box 248 Madison SD, 57042 United States	Electronic Service		No	24-115Official
122	Philip	Jones	phil@philjonesconsulting.com	Alliance for Transportation Electrification		1402 3rd Ave Ste 1315 Seattle WA, 98101 United States	Electronic Service		No	24-115Official
123	Brendan	Jordan	bjordan@gpsid.net	Great Plains Institute &		2801 21st Ave S Ste 220 Minneapolis	Electronic Service		No	24-115Official

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
				Bioeconomy Coalition of MN		MN, 55407 United States				
124	Bina	Joshi	bina.joshi@afslaw.com	ArentFox Schiff LLP		233 S Wacker Dr Ste 7100 Chicago IL, 60606 United States	Electronic Service		No	24-115Official
125	Dan	Juhl	in.another.account.info@juhlenergy.com	Juhl Energy Inc.		1502 17th St SE Pipestone MN, 56164 United States	Paper Service		No	24-115Official
126	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	24-115Official
127	Michael	Kampmeyer	mkampmeyer@a-e-group.com	AEG Group, LLC		260 Salem Church Road Sunfish Lake MN, 55118 United States	Electronic Service		No	24-115Official
128	Nick	Kaneski	nick.kaneski@enbridge.com	Enbridge Energy Company, Inc.		11 East Superior St Ste 125 Duluth MN, 55802 United States	Electronic Service		No	24-115Official
129	Stacey	Karels	skarels@local563.org	Mankato Area Bldg & Construction Trades Council		310 McKinzie St Mankato MN, 56001 United States	Electronic Service		No	24-115Official
130	William	Kenworthy	will@votesolar.org			1 South Dearborn St Ste 2000 Chicago IL, 60603 United States	Electronic Service		No	24-115Official
131	Samuel B.	Ketchum	sketchum@kennedy-graven.com	Kennedy & Graven, Chartered		150 S 5th St Ste 700 Minneapolis MN, 55402 United States	Electronic Service		No	24-115Official
132	Chris	King	chris_king@siemens.com	Siemens		4000 E. Third Ave Suite 400 Foster City CA, 94404 United States	Electronic Service		No	24-115Official
133	Frank	Kohlasch	frank.kohlasch@state.mn.us		Minnesota Pollution Control Agency	520 Lafayette Rd N. St. Paul MN, 55155 United States	Electronic Service		No	24-115Official
134	Brian	Krambeer	bkrambeer@mienergy.coop	MiEnergy Cooperative		PO Box 626 31110 Cooperative Way Rushford MN, 55971 United States	Electronic Service		No	24-115Official
135	Michael	Krause	michaelkrause61@yahoo.com			1200 Plymouth Avenue Minneapolis MN, 55411 United States	Electronic Service		No	24-115Official
136	Michael	Krikava	mkrikava@taftlaw.com	Taft Stettinius & Hollister LLP		2200 IDS Center 80 S 8th St Minneapolis MN, 55402 United States	Electronic Service		No	24-115Official

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
137	Nicolle	Kupser	nkupser@greatermngas.com	Greater Minnesota Gas, Inc.		1900 Cardinal Ln PO Box 798 Faribault MN, 55021 United States	Electronic Service		No	24-115Official
138	Matthew	Lacey	mlacey@greenergy.com	Great River Energy		12300 Elm Creek Boulevard Maple Grove MN, 55369-4718 United States	Electronic Service		No	24-115Official
139	Mary	LaGarde	mlagarde@maicnet.org	Minneapolis American Indian Center		1530 E Franklin Ave Minneapolis MN, 55404 United States	Electronic Service		No	24-115Official
140	Holly	Lahd	holly.lahd@target.com	Target Corporation		33 South 6th St CC-28662 Minneapolis MN, 55402 United States	Electronic Service		No	24-115Official
141	Carmel	Laney	carmel.laney@stoel.com	Stoel Rives LLP		33 South Sixth Street Suite 4200 Minneapolis MN, 55402 United States	Electronic Service		No	24-115Official
142	James D.	Larson	james.larson@avantenergy.com	Avant Energy Services		220 S 6th St Ste 1300 Minneapolis MN, 55402 United States	Electronic Service		No	24-115Official
143	Peder	Larson	plarson@larkinhoffman.com	Larkin Hoffman Daly & Lindgren, Ltd.		8300 Norman Center Drive Suite 1000 Bloomington MN, 55437 United States	Electronic Service		No	24-115Official
144	Kevin	Lee	klee@bluegreenalliance.org	BlueGreen Alliance		2701 University Ave SE Ste. 209 Minneapolis MN, 55414 United States	Electronic Service		No	24-115Official
145	Dean	Leischow	dean@sunrisenrg.com	Sunrise Energy Ventures		315 Manitoba Ave Ste 200 Wayzata MN, 55391 United States	Electronic Service		No	24-115Official
146	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	24-115Official
147	Ryan	Long	ryan.j.long@xcelenergy.com			414 Nicollet Mall 401 8th Floor Minneapolis MN, 55401 United States	Electronic Service		No	24-115Official
148	Jason	Loos	jason.loos@centerpointenergy.com	CenterPoint Energy Resources Corp.		505 Nicollet Mall 3rd Floor Minneapolis MN, 55402 United States	Electronic Service		No	24-115Official
149	Susan	Ludwig	sludwig@mnpower.com	Minnesota Power		30 West Superior Street Duluth MN, 55802 United States	Electronic Service		No	24-115Official

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
150	Alice	Madden	alice@communitypowermn.org	Community Power		2720 E 22nd St Minneapolis MN, 55406 United States	Electronic Service		No	24-115Official
151	Kavita	Maini	kmaini@wi.rr.com	KM Energy Consulting, LLC		961 N Lost Woods Rd Oconomowoc WI, 53066 United States	Electronic Service		No	24-115Official
152	Emily	Marshall	emarshall@lourismarshall.com	Miller O'Brien Jensen, PA		120 S. 6th Street Suite 2400 Minneapolis MN, 55402 United States	Electronic Service		No	24-115Official
153	Katherine	Marshall	katie.marshall@lawmoss.com	Moss & Barnett		150 S 5th St Ste 1200 Minneapolis MN, 55402 United States	Electronic Service		No	24-115Official
154	Mary	Martinka	mary.a.martinka@xcelenergy.com	Xcel Energy Inc		414 Nicollet Mall 7th Floor Minneapolis MN, 55401 United States	Electronic Service		No	24-115Official
155	Gregg	Mast	gmast@cleanenergyeconomymn.org	Clean Energy Economy Minnesota		4808 10th Avenue S Minneapolis MN, 55417 United States	Electronic Service		No	24-115Official
156	Daryl	Maxwell	dmaxwell@hydro.mb.ca	Manitoba Hydro		360 Portage Ave FL 16 PO Box 815, Station Main Winnipeg MB, R3C 2P4 Canada	Electronic Service		No	24-115Official
157	Lilly B.	McKenna	lilly.mckenna@stoel.com	Stoel Rives LLP		One Montgomery St Ste 3230 San Francisco CA, 94104 United States	Electronic Service		No	24-115Official
158	Taylor	McNair	taylor@gridlab.org			668 Capp Street San Francisco CA, 94110 United States	Electronic Service		No	24-115Official
159	Sally Anne	McShane	sally.anne.mcshane@state.mn.us		Public Utilities Commission	121 7th Place E Suite 350 St. Paul MN, 55101 United States	Electronic Service		No	24-115Official
160	Stephen	Melchionne	stephen.melchionne@ag.state.mn.us		Office of the Attorney General - Department of Commerce	445 Minnesota Street, Ste. 1400 St. Paul MN, 55101 United States	Electronic Service		Yes	24-115Official
161	Thomas	Melone	thomas.melone@allcous.com	Minnesota Go Solar LLC		222 South 9th Street Suite 1600 Minneapolis MN, 55120 United States	Electronic Service		No	24-115Official
162	Peder	Mewis	pmewis@cleangridalliance.org	Clean Grid Alliance		570 Asbury St. St. Paul MN, 55104 United States	Electronic Service		No	24-115Official
163	Joseph	Meyer	joseph.meyer@ag.state.mn.us		Office of the Attorney General -	Bremer Tower, Suite 1400	Electronic Service		No	24-115Official

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
					Residential Utilities Division	445 Minnesota Street St Paul MN, 55101-2131 United States				
164	Kevin	Miller	kevin.miller@chargepoint.com			254 E. Hacienda Avenue Campbell CA, 95008 United States	Electronic Service		No	24-115Official
165	Stacy	Miller	stacy.miller@minneapolismn.gov	City of Minneapolis		350 S. 5th Street Room M 301 Minneapolis MN, 55415 United States	Electronic Service		No	24-115Official
166	David	Moeller	dmoeller@allete.com	Minnesota Power			Electronic Service		No	24-115Official
167	Marc	Monbouquette	marc.monbouquette@enel.com	Enel X North America, Inc.		846 Bransten Rd San Carlos CA, 94070 United States	Electronic Service		No	24-115Official
168	Dalene	Monsebroten	dalene.monsebroten@nmpagency.com	Northern Municipal Power Agency		123 2nd St W Thief River Falls MN, 56701 United States	Electronic Service		No	24-115Official
169	Andrew	Moratzka	andrew.moratzka@stoel.com	Stoel Rives LLP		33 South Sixth St Ste 4200 Minneapolis MN, 55402 United States	Electronic Service		No	24-115Official
170	Evan	Mulholland	emulholland@mncenter.org	Minnesota Center for Environmental Advocacy		1919 University Ave W Ste 515 Saint Paul MN, 55101 United States	Electronic Service		No	24-115Official
171	Alan	Muller	alan@greendel.org	Energy & Environmental Consulting		1110 West Avenue Red Wing MN, 55066 United States	Electronic Service		No	24-115Official
172	Kristin	Munsch	kmunsch@citizensutilityboard.org	Citizens Utility Board of Minnesota		309 W. Washington St. Ste. 800 Chicago IL, 60606 United States	Electronic Service		No	24-115Official
173	Travis	Murray	travis.murray@ag.state.mn.us		Office of the Attorney General - Residential Utilities Division	445 Minnesota St Ste 1400 Saint Paul MN, 55101 United States	Electronic Service		Yes	24-115Official
174	Amanda	Myers	amanda@weavegrid.com	Weave Grid, Inc.		222 7th Street 2nd Floor San Francisco CA, 94103 United States	Electronic Service		No	24-115Official
175	Mark	Nabong	mnabong@nrdc.org	Natural Resources Defense Council		20 N. Wacker Drive #1600 Chicago IL, 60606 United States	Electronic Service		No	24-115Official
176	Ben	Nelson	benn@cmpasgroup.org	CMMPA		459 South Grove Street Blue Earth MN, 56013 United States	Electronic Service		No	24-115Official
177	Carl	Nelson	cnelson@mncee.org	Center for Energy and		212 3rd Ave N Ste 560	Electronic Service		No	24-115Official

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
				Environment		Minneapolis MN, 55401 United States				
178	David	Niles	david.niles@avantenergy.com	Minnesota Municipal Power Agency		220 South Sixth Street Suite 1300 Minneapolis MN, 55402 United States	Electronic Service		No	24- 115Official
179	Sephra	Ninow	sephra.ninow@energycenter.org	Center for Sustainable Energy		426 17th Street, Suite 700 Oakland CA, 94612 United States	Electronic Service		No	24- 115Official
180	Michael	Noble	noble@fresh-energy.org	Fresh Energy		408 Saint Peter St Ste 350 Saint Paul MN, 55102 United States	Electronic Service		No	24- 115Official
181	Rolf	Nordstrom	rnordstrom@gpisd.net	Great Plains Institute		2801 21ST AVE S STE 220 Minneapolis MN, 55407- 1229 United States	Electronic Service		No	24- 115Official
182	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	24- 115Official
183	Christian	Noyce	christian.noyce@state.mn.us		Public Utilities Commission	759 Hague Ave St Paul MN, 55104 United States	Electronic Service		No	24- 115Official
184	David	O'Brien	david.obrien@navigant.com	Navigant Consulting		77 South Bedford St Ste 400 Burlington MA, 01803 United States	Electronic Service		No	24- 115Official
185	M. William	O'Brien	bobrien@mojlaw.com	Miller O'Brien Jensen, P.A.		120 S 6th St Ste 2400 Minneapolis MN, 55402 United States	Electronic Service		No	24- 115Official
186	Ric	O'Connell	ric@gridlab.org	GridLab		2120 University Ave Berkeley CA, 94704 United States	Electronic Service		No	24- 115Official
187	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	24- 115Official
188	Matthew	Olsen	molsen@otpc.com	Otter Tail Power Company		215 South Cascade Street Fergus Falls MN, 56537 United States	Electronic Service		No	24- 115Official
189	Russell	Olson	rolson@hcpd.com	Heartland Consumers Power District		PO Box 248 Madison SD, 57042-0248 United States	Electronic Service		No	24- 115Official
190	Debra	Opatz	dopatz@otpc.com	Otter Tail Power Company		215 South Cascade Street Fergus Falls MN, 56537 United States	Electronic Service		No	24- 115Official

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
191	Nate	O'Reilly	nate@iron512.com			851 Pierce Butler Route St Paul MN, 55104 United States	Electronic Service		No	24-115Official
192	Carol A.	Overland	overland@legalelectric.org	Legalelectric - Overland Law Office		1110 West Avenue Red Wing MN, 55066 United States	Electronic Service		No	24-115Official
193	John	Pacheco	johnpachecojr@gmail.com			null null, null United States	Electronic Service		No	24-115Official
194	Greg	Palmer	gpalmer@greatermngas.com	Greater Minnesota Gas, Inc.		1900 Cardinal Ln PO Box 798 Faribault MN, 55021 United States	Electronic Service		No	24-115Official
195	Jessica	Palmer Denig	jessica.palmer-denig@state.mn.us		Office of Administrative Hearings	600 Robert St N PO Box 64620 St. Paul MN, 55164 United States	Electronic Service		No	24-115Official
196	Dan	Patry	dpatry@sunedison.com	SunEdison		600 Clipper Drive Belmont CA, 94002 United States	Electronic Service		No	24-115Official
197	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	24-115Official
198	Jose	Perez	jose@hispanicsinenergy.com			1017 L Street #719 Sacramento CA, 95814 United States	Electronic Service		No	24-115Official
199	Jennifer	Peterson	jjpeterson@mnpower.com	Minnesota Power		30 West Superior Street Duluth MN, 55802 United States	Electronic Service		No	24-115Official
200	Catherine	Phillips	catherine.phillips@wecenergygroup.com	Minnesota Energy Resources		231 West Michigan St Milwaukee WI, 53203 United States	Electronic Service		No	24-115Official
201	Marcia	Podratz	mpodratz@mnpower.com	Minnesota Power		30 W Superior S Duluth MN, 55802 United States	Electronic Service		No	24-115Official
202	Hannah	Polikov	hpolikov@aee.net	Advanced Energy Economy Institute		1000 Vermont Ave, Third Floor Washington DC, 20005 United States	Electronic Service		No	24-115Official
203	J.	Porter	greg.porter@nngco.com	Northern Natural Gas Company		1111 South 103rd St Omaha NE, 68124 United States	Electronic Service		No	24-115Official
204	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	24-115Official
205	David G.	Prazak	dprazak@otpc.com	Otter Tail Power Company		P.O. Box 496 215 South Cascade	Electronic Service		No	24-115Official

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						Street Fergus Falls MN, 56538-0496 United States				
206	Kenneth	Rance	krance@sabathani.org	Sabathani Community Center		310 East 38th St Rm #120 Minneapolis MN, 55409 United States	Electronic Service		No	24-115Official
207	John C.	Reinhardt		Laura A. Reinhardt		3552 26th Ave S Minneapolis MN, 55406 United States	Paper Service		No	24-115Official
208	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	24-115Official
209	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	24-115Official
210	John	Reynolds	john.reynolds@nfib.org			180 5th St E Suite 260 St. Paul MN, 55101 United States	Electronic Service		No	24-115Official
211	Whitney	Richardson	whitney.richardson@evgo.com	EVgo Services, LLC		11835 W Olympic Blvd Ste 900E Los Angeles CA, 90064 United States	Electronic Service		No	24-115Official
212	Noah	Roberts	nroberts@cleanpower.org	Energy Storage Association		1155 15th St NW, Ste 500 Washington DC, 20005 United States	Electronic Service		No	24-115Official
213	Alice	RobertsDavis	admin.info@state.mn.us	Department of Administration		15 Sherburne Avenue St. Paul MN, 55155 United States	Electronic Service		No	24-115Official
214	Susan	Romans	sromans@allete.com	Minnesota Power		30 West Superior Street Legal Dept Duulth MN, 55802 United States	Electronic Service		No	24-115Official
215	Amanda	Rome	amanda.rome@xcelenergy.com	Xcel Energy		414 Nicollet Mall FL 5 Minneapolis MN, 55401 United States	Electronic Service		No	24-115Official
216	Robert K.	Sahr	bsahr@eastriver.coop	East River Electric Power Cooperative		P.O. Box 227 Madison SD, 57042 United States	Electronic Service		No	24-115Official
217	Renee	Samson	rsamson@freewiretech.com	FreeWire Technologies		1999 Harrison St Oakland CA, 94612 United States	Electronic Service		No	24-115Official
218	Joseph L	Sathe	jsathe@kennedy-graven.com	Kennedy & Graven, Chartered		150 S 5th St Ste 700 Minneapolis MN, 55402 United States	Electronic Service		No	24-115Official
219	Tim	Schaefer	thschaef@gmail.com	Environment MN		211 N 1st St Ste 480	Electronic Service		No	24-115Official

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
						Minneapolis MN, 55401 United States				
220	Kevin	Schlangen	kevin.schlangen@co.dakota.mn.us	Dakota County		2800 160th Street West Rosemount MN, 55068 United States	Electronic Service		No	24-115Official
221	Jacob J.	Schlesinger	jschlesinger@keyesfox.com	Keyes & Fox LLP		1580 Lincoln St Ste 880 Denver CO, 80203 United States	Electronic Service		No	24-115Official
222	Elizabeth	Schmiesing	eschmiesing@winthrop.com	Winthrop & Weinstine, P.A.		225 South Sixth Street Suite 3500 Minneapolis MN, 55402 United States	Electronic Service		No	24-115Official
223	Peter	Scholtz	peter.scholtz@ag.state.mn.us		Office of the Attorney General - Residential Utilities Division	Suite 1400 445 Minnesota Street St. Paul MN, 55101-2131 United States	Electronic Service		Yes	24-115Official
224	Kay	Schraeder	kschraeder@minnkota.com	Minnkota Power		5301 32nd Ave S Grand Forks ND, 58201 United States	Electronic Service		No	24-115Official
225	Lori	Schultz	lorischultz@minncap.org	Minnesota Community Action Partnership		MCIT Building 100 Empire Dr Ste 202 St. Paul MN, 55103 United States	Electronic Service		No	24-115Official
226	Christine	Schwartz	regulatory.records@xcelenergy.com	Xcel Energy		414 Nicollet Mall, MN1180-07-MCA Minneapolis MN, 55401-1993 United States	Electronic Service		No	24-115Official
227	Doug	Scott	dscott@gpisd.net	Great Plains Institute		2801 21st Ave Ste 220 Minneapolis MN, 55407 United States	Electronic Service		No	24-115Official
228	Dean	Sedgwick	sedgwick@itascapower.com	Itasca Power Company		PO Box 455 Spring Lake MN, 56680 United States	Electronic Service		No	24-115Official
229	Maria	Seidler	maria.seidler@dom.com	Dominion Energy Technology		120 Tredegar Street Richmond VA, 23219 United States	Electronic Service		No	24-115Official
230	Will	Seuffert	will.seuffert@state.mn.us		Public Utilities Commission	121 7th PI E Ste 350 Saint Paul MN, 55101 United States	Electronic Service		Yes	24-115Official
231	Timothy	Sexton	timothy.sexton@state.mn.us		Minnesota Department of Transportation	395 John Ireland Blvd St. Paul MN, 55155-1899 United States	Electronic Service		No	24-115Official
232	Janet	Shaddix Elling	jshaddix@janetshaddix.com	Shaddix And Associates		7400 Lyndale Ave S Ste 190 Richfield MN, 55423 United States	Electronic Service		No	24-115Official
233	Patricia	Sharkey	psharkey@environmentallawcounsel.com	Midwest Cogeneration Association.		180 N LaSalle St Ste 3700	Electronic Service		No	24-115Official

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
248	Jamez	Staples	jstaples@renewableenergypartners.com	Renewable Energy Partners		3033 Excelsior Blvd S Minneapolis MN, 55416 United States	Electronic Service		No	24-115Official
249	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	24-115Official
250	Byron E.	Starns	byron.starns@stinson.com	STINSON LLP		50 S 6th St Ste 2600 Minneapolis MN, 55402 United States	Electronic Service		No	24-115Official
251	Richard	Stasik	richard.stasik@wecenergygroup.com	Minnesota Energy Resources Corporation (HOLDING)		231 West Michigan St - P321 Milwaukee WI, 53203 United States	Electronic Service		No	24-115Official
252	Kristin	Stastny	kstastny@taftlaw.com	Taft Stettinius & Hollister LLP		2200 IDS Center 80 South 8th Street Minneapolis MN, 55402 United States	Electronic Service		No	24-115Official
253	Lindsey	Stegall	lindsey.stegall@evgo.com	EVgo Services, LLC		11835 W Olympic Blvd Ste 900E Los Angeles CA, 90064 United States	Electronic Service		No	24-115Official
254	Cary	Stephenson	cstephenson@otpc.com	Otter Tail Power Company		215 South Cascade Street Fergus Falls MN, 56537 United States	Electronic Service		No	24-115Official
255	James M	Strommen	jstrommen@kennedy-graven.com	Kennedy & Graven, Chartered		150 S 5th St Ste 700 Minneapolis MN, 55402 United States	Electronic Service		No	24-115Official
256	Dean	Taylor	dtaylor@pluginamerica.org	Plug In America		6380 Wilshire Blvd, Suite 1000 Los Angeles CA, 90048 United States	Electronic Service		No	24-115Official
257	Hanna	Terwilliger	hanna.terwilliger@state.mn.us		Public Utilities Commission	121 East 7th Place, Suite 350 Saint Paul MN, 55101 United States	Electronic Service		No	24-115Official
258	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	24-115Official
259	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	24-115Official
260	Pat	Treseler	pat.jcplaw@comcast.net	Paulson Law Office LTD		4445 W 77th Street Suite 224 Edina MN, 55435 United States	Electronic Service		No	24-115Official

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261	Analeisha	Vang	avang@mnpower.com			30 W Superior St Duluth MN, 55802-2093 United States	Electronic Service		No	24-115Official
262	Nikhil	Vijaykar	nvijaykar@keyesfox.com	Keyes & Fox LLP		580 California St 12th Floor San Francisco CA, 94104 United States	Electronic Service		No	24-115Official
263	Christopher	Villarreal	cvillarreal@rstreet.org	R Street Institute		1212 New York Ave NW Ste 900 Washington DC, 20005 United States	Electronic Service		No	24-115Official
264	Julie	Voeck	julie.voeck@nee.com	NextEra Energy Resources, LLC		700 Universe Blvd Juno Beach FL, 33408 United States	Electronic Service		No	24-115Official
265	Amelia	Vohs	avohs@mncenter.org	Minnesota Center for Environmental Advocacy		1919 University Avenue West Suite 515 St. Paul MN, 55104 United States	Electronic Service		No	24-115Official
266	Curt	Volkmann	curt@newenergy-advisors.com	Fresh Energy		408 St Peter St Saint Paul MN, 55102 United States	Electronic Service		No	24-115Official
267	Dwight	Wagenius	dwagenius@gmail.com	Minnesota Interfaith Power & Light		4407 E Lake St Minneapolis MN, 55406 United States	Electronic Service		No	24-115Official
268	Francesca	Wahl	fwahl@tesla.com	Tesla		3500 Deer Creek Rd Palo Alto CA, 94304 United States	Electronic Service		No	24-115Official
269	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	24-115Official
270	Jenna	Warmuth	jwarmuth@mnpower.com	Minnesota Power		30 W Superior St Duluth MN, 55802-2093 United States	Electronic Service		No	24-115Official
271	Darrell	Washington	darrell.washington@state.mn.us		DOT	null null, null United States	Electronic Service		No	24-115Official
272	Laurie	Williams	laurie.williams@sierraclub.org	Sierra Club		Environmental Law Program 1536 Wynkoop St Ste 200 Denver CO, 80202 United States	Electronic Service		No	24-115Official
273	Justin	Wilson	justin.wilson@chargepoint.com	ChargePoint		240 East Hacienda Ave. Campbell CA, 95008 United States	Electronic Service		No	24-115Official
274	Joseph	Windler	jwindler@winthrop.com	Winthrop & Weinstine		225 South Sixth Street, Suite 3500 Minneapolis MN, 55402 United States	Electronic Service		No	24-115Official

#	First Name	Last Name	Email	Organization	Agency	Address	Delivery Method	Alternate Delivery Method	View Trade Secret	Service List Name
275	Robyn	Woeste	robynwoeste@alliantenergy.com	Interstate Power and Light Company		200 First St SE Cedar Rapids IA, 52401 United States	Electronic Service		No	24-115Official
276	Yochi	Zakai	yzakai@smwlaw.com	SHUTE, MIHALY & WEINBERGER LLP		396 Hayes Street San Francisco CA, 94102 United States	Electronic Service		No	24-115Official
277	Alicia	Zaloga	azaloga@keyesfox.com	Keyes & Fox, LLP		1155 Kildaire Farm Rd Ste 202-203 Cary NC, 27511 United States	Electronic Service		No	24-115Official
278	Christopher	Zibart	czibart@atcllc.com	American Transmission Company LLC		W234 N2000 Ridgeview Pkwy Court Waukesha WI, 53188-1022 United States	Electronic Service		No	24-115Official
279	Kurt	Zimmerman	kwz@ibew160.org	Local Union #160, IBEW		2909 Anthony Ln St Anthony Village MN, 55418-3238 United States	Electronic Service		No	24-115Official
280	Patrick	Zomer	pat.zomer@lawmoss.com	Moss & Barnett PA		150 S 5th St #1200 Minneapolis MN, 55402 United States	Electronic Service		No	24-115Official