



414 Nicollet Mall
Minneapolis, Minnesota 55401-1993

August 15, 2013

**PUBLIC DOCUMENT
TRADE SECRET INFORMATION EXCISED**

Burl W. Haar
Executive Secretary
Minnesota Public Utilities Commission
121 7th Place East, Suite 350
St. Paul, MN 55101

—VIA ELECTRONIC FILING—

RE: COMMENTS
SOLAR ENERGY STANDARD
DOCKET NO. E-999/CI-13-542

Dear Dr. Haar:

Northern States Power Company, doing business as Xcel Energy, submits the enclosed Comments in response to the Minnesota Public Utilities Commission's request for information issued in its July 25, 2013 Notice regarding implementation of the Solar Energy Standard.

We have electronically filed this document with the Commission, which also constitutes service on the Department of Commerce and the Office of the Attorney General. A copy of this filing has been served on all parties on the official service list in this docket.

In this filing we have treated the specific customer information as Trade Secret pursuant to Minnesota Statute § 13.37, subd. 1(b), as the specific customer information derives independent economic value, actual or potential, to Xcel Energy, its customers, suppliers, and competitors, from not being generally known to, and not being readily ascertainable by proper means by, other persons who can obtain economic value from its disclosure or use. Disclosure of the trade secret provisions would have a detrimental effect by providing valuable information not otherwise readily ascertainable and from which could be obtained economic value. To protect specific customer data contained within aggregated data, we have applied the 15/15 Standard which the Company discussed at length in Docket No. E,G002/M-12-188. The 15/15 Standard imposes two restrictions to protect

Dr. Burl W. Haar
August 15, 2013
Page 2 of 2

PUBLIC DOCUMENT
TRADE SECRET INFORMATION EXCISED

customers' privacy: (1) An aggregation must contain at least 15 customers or premises per customer class; and (2) A single customer or premise cannot account for 15 percent or more of data of the aggregated group.

Please contact Amy Liberkowski at (612) 330-6613 or amy.a.liberkowski@xcelenergy.com if you have any questions regarding this filing.

Sincerely,

/s/

CHRISTOPHER B. CLARK
VICE PRESIDENT
RATES AND REGULATORY AFFAIRS

Enclosures

c: Service List

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STATE OF MINNESOTA
BEFORE THE
MINNESOTA PUBLIC UTILITIES COMMISSION

Beverly Jones Heydinger	Chair
David Boyd	Commissioner
Nancy Lange	Commissioner
J. Dennis O'Brien	Commissioner
Betsy Wergin	Commissioner

IN THE MATTER OF THE REQUEST FOR
FILINGS FROM ELECTRIC UTILITIES ON
CUSTOMERS EXCLUDED FROM THE
SOLAR ENERGY STANDARD

DOCKET NO. E-999/CI-13-542

COMMENTS

OVERVIEW

Northern States Power Company, doing business as Xcel Energy, submits to the Minnesota Public Utilities Commission the information requested in its July 25, 2013 Notice in the above-referenced docket. For purposes of this request, we included all customer accounts that we believe could potentially align with the business classifications identified for exclusion from the Solar Energy Standard. We look forward to working with parties to clarify the criteria for determining customer exclusions.

COMMENTS

Below we provide the Company's response to the information requested in the Notice.

1) Minnesota retail electric sales in kWh by major customer classes and in total for 2012

Minn. Stat. § 216B.1691 defines "total retail electric sales" for purposes of complying with the Renewable Energy Standard and Solar Energy Standard. For the Company, total retail electric sales include wholesale sales to distribution utilities that are not subject to the standards. Table 1 provides actual 2012 retail electric sales by customer class. This data matches the 2012 sales reported in our Compliance Filing submitted May 24, 2013 in Docket No. E-999/PR-13-186.

Table 1: Actual 2012 Retail Electric Sales by Customer Class

Residential	8,906,808
Small C&I	13,439,448
Large C&I	8,614,827
Public Street & Highway Lighting	145,337
Other Public Authority	70,120
Sales for Resale	142,658
Total	31,319,198

2) Calculation of 1.5% of retail electric sales, and 10% of the 1.5% goal, based on 2012 sales

Table 2 shows the 1.5% goal and 10% of the 1.5% goal based on 2012 sales.

Table 2: Estimate of the Solar Energy Standard Requirement (Without Exclusions)

Total 2012 Retail Electric Sales (MWh)	1.5% Standard (MWh)	10% Small Solar Requirement (MWh)
31,319,198	469,788	46,979

3) A list of current customers the utility believes will be excluded from their Solar Energy Standard (SES) obligations under 216B.1691, subd. 2f (d) (1) and (2)

We provide in Attachment A a preliminary list of the “excluded” current customers, subject to the limitations described in section 4 below. Attachment A provides each customer by statutory category, customer class, total kWh consumed in 2012, and maximum kW demand, as well as total customer and kWh numbers by class and overall for the identified customers. We provide the aggregated data as public but treat the specific customer information as Trade Secret pursuant to Minnesota Statute § 13.37, subd. 1(b), as the specific customer information derives independent economic value, actual or potential, to Xcel Energy, its customers, suppliers, and competitors, from not being generally known to, and not being readily ascertainable by proper means by, other persons who can obtain economic value from its disclosure or use. Disclosure of the trade secret provisions would have a detrimental effect by providing valuable information not otherwise readily ascertainable and from which could be obtained economic value. To protect specific customer data contained within aggregated data, we have applied the 15/15 Standard which the Company discussed at length in Docket No. E,G-999/M-12-

188. The 15/15 Standard imposes two restrictions to protect customers' privacy: (1) An aggregation must contain at least 15 customers or premises per customer class; and (2) A single customer or premise cannot account for 15 percent or more of data of the aggregated group.

4) Description of how the customers to be excluded were identified

Prior to the enactment of the new law, the Company had no business reason to track whether a particular customer fell within one of the classifications included in Minn. Stat. § 216B.1691, subd. 2f (d) (1) and (2). As a way of providing a productive response to the Commission inquiry, the Company queried its billing system for the Standard Industrial Classification (SIC) codes that potentially correspond to the business classifications included in Minn. Stat. § 216B.1691, subd. 2f (d) (1) and (2). The Company has identified 29 SIC codes that relate to 1) an iron mining extraction and processing facility, or 2) a paper mill, wood products manufacturer, sawmill, or oriented strand board manufacturer. We believe that the customer list provided in Attachment A represents the largest population of current customers that are potentially eligible for the exclusion. We look forward to working with parties to clarify the appropriate SIC codes or other criteria to define customer exclusions from the SES.

5) Calculation of 1.5% of retail electric sales, and 10% of the 1.5% goal, based on 2012 sales after customer exclusions

Table 3 shows the 1.5% goal and 10% of the 1.5% goal based on 2012 sales after customer exclusions of approximately 653 GWh.

Table 3: Estimate of the Solar Energy Standard Requirement (With Exclusions)

2012 Net Retail Electric Sales (MWh)	1.5% Standard (MWh)	10% Small Solar Requirement (MWh)
30,665,692	459,985	45,999

6) An estimate of 1.5% retail sales, and 10% of the 1.5% goal, for 2020, without and with customer exclusions

Table 4 presents an estimate of the 1.5% and 10% goals based on forecasted 2020 sales without and with forecasted sales from customer exclusions. The forecasted sales to excluded customers are based on a simple average of 2009-2012 sales.

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Sales associated with Verso Paper’s Sartell mill have been removed due to the facility’s closure in 2012.

Table 4: Estimate of the Solar Energy Standard Requirement (2020 Sales Forecast)

Total Forecasted 2020 Retail Sales (MWh)	1.5% Standard (MWh)	10% Small Solar Requirement (MWh)
30,872,518	463,088	46,309
2020 Net Retail Sales (MWh)	1.5% Standard (MWh)	10% Small Solar Requirement (MWh)
30,394,575	455,919	45,592

CONCLUSION

The Company has provided the information requested by the Commission’s July 25, 2013 Notice to the extent we reasonably can at this point. The customer exclusion information is based on the SIC codes associated with our commercial and industrial customer accounts in our billing system. We have included all SIC codes that potentially meet the business categories included Minn. Stat. § 216B.1691, subd. 2f (d) (1) and (2). We look forward to working with parties to clarify the appropriate SIC codes or other criteria to define customer exclusions from the SES.

Dated: August 15, 2013

Northern States Power Company

Respectfully submitted by:

/s/

AMY LIBERKOWSKI
MANAGER
REGULATORY ANALYSIS

Northern States Power Company
State of Minnesota

Docket No. E999/CI-13-542
Attachment A - Page 1 of 73

Totals for 2012 by Customer Class

Customer Class	Max kW	Billed kWh	Premises	Cust Names
Small C&I	85,755	227,567,454	946	1,013
Large C&I	123,106	425,939,016	18	18
Total	208,861	653,506,470	964	1,031

Northern States Power Company
State of MinnesotaDocket No. E999/CI-13-542
Attachment A - Page 2 of 73

SHADED AREA BELOW DENOTES NON-PUBLIC INFORMATION EXCISED

Summarized Totals for 2012 by Selected SIC

SICs	Classification Description	Max kW	Billed kWh	Premises	Cust Names
1011	Iron Ores				
2421	Sawmills and Planing Mills, General				
2426	Hardwood Dimension and Flooring Mills				
2429	Special Product Sawmills, Not Elsewhere Classified				
2431	Millwork	20,916	84,510,867	77	80
2434	Wood Kitchen Cabinets	12,922	29,354,737	81	89
2435	Hardwood Veneer and Plywood				
2436	Softwood Veneer and Plywood				
2439	Structural Wood Members, Not Elsewhere Classified	1,285	3,172,928	21	23
2441	Nailed and Lock Corner Wood Boxes and Shook				
2448	Wood Pallets and Skids	1,245	2,035,606	16	17
2449	Wood Containers, Not Elsewhere Classified				
2452	Prefabricated Wood Buildings and Components				
2491	Wood Preserving				
2493	Reconstituted Wood Products				
2499	Wood Products, Not Elsewhere Classified	2,919	6,528,621	47	48
2511	Wood Household Furniture, Except Upholstered				
2512	Wood Household Furniture, Upholstered				
2521	Wood Office Furniture				
2541	Wood Office & Store Fixtures, Partitions, Shelving & Lockers	3,973	8,188,643	43	43
2611	Pulp Mines				
2621	Paper Mills	34,869	121,306,121	20	20
2631	Paperboard Mills				
2652	Setup Paperboard Boxes				
2653	Corrugated and Solid Fiber Boxes	14,156	57,817,263	25	25
2657	Folding Paperboard Boxes, Including Sanitary				
2671	Packaging Paper and Plastic Film, Coated and Laminated				
5031	Lumber, Plywood, Millwork and Wood Panels	5,349	13,351,536	135	151
5211	Lumber and Other Building Materials Dealers	40,584	113,831,289	404	436
Total		208,861	653,506,470	964	1,031

SHADED AREA BELOW DENOTES NON-PUBLIC INFORMATION EXCISED**Excluded 2012 MN Customers by Rate Code**

Rate	Description	Demand-Billed	Max kW	Billed kWh	Premises
Blank	Blank	N/A			
A06	Limited Off-Peak Service	N			
A10	Small General Service *	N	36	5,834,076	517
A11	Small General Service, Water Htg *	N			
A12	Small General Svc, Time-of-Day	N	0	424,969	11
A13	Small General Svc, Direct Current	Y			
A14	General Service	Y	71,285	183,534,480	441
A14,A10	General Service & Small General	Y & N			
A15	General Service, Time-of-Day	Y	40,621	162,429,455	31
A15,A10	Gen Svc, TOD & Small General	Y & N			
A23	Tiered Interruptible	Y			
A24	Tiered Interruptible, Time-of-Day	Y			
A63	Real-Time Pricing	Y			
Total			208,861	653,506,470	1,031

* Xcel Energy's billing system records the peak demand of customers who are close to the utility's 25 kW demand-billed threshold, even if such demands are not applied to the customers' bills.

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Large/Small C&I	SIC-4	Premise #	Current Full Name	Rate	Max kW	2012 kWh
[This entire section of the table is shaded gray, indicating that the data has been excised for public release.]						

SHADED AREA BELOW DENOTES NON-PUBLIC INFORMATION EXCISED

Large/Small C&I	SIC-4	Premise #	Current Full Name	Rate	Max kW	2012 kWh
[This entire section of the table is shaded gray, indicating that the data has been excised for public release.]						

CERTIFICATE OF SERVICE

I, SaGonna Thompson, hereby certify that I have this day served copies or summaries of the foregoing document on the attached list of persons.

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

xx electronic filing

DOCKET NO. E-999/CI-13-542

Dated this 15th day of August 2013

/s/

SaGonna Thompson

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Ross	Abbey	abbey@fresh-energy.org	Fresh Energy	408 Saint Peter St Ste 220 St. Paul, MN 55102-1125	Paper Service	No	SPL_SL_13-542_Interested Parties
Michael	Allen	michael.allen@allenergysolar.com	All Energy Solar	721 W 26th st Suite 211 Minneapolis, Minnesota 55405	Electronic Service	No	SPL_SL_13-542_Interested Parties
Julia	Anderson	Julia.Anderson@ag.state.mn.us	Office of the Attorney General-DOC	1800 BRM Tower 445 Minnesota St St. Paul, MN 551012134	Electronic Service	Yes	SPL_SL_13-542_Interested Parties
John	Aune	johna@bluehorizonsolar.com	Blue Horizon Energy	7246 Washington Ave S Eden Prairie, MN 55344	Paper Service	No	SPL_SL_13-542_Interested Parties
Peter	Beithon	pbeithon@otpc.com	Otter Tail Power Company	P.O. Box 496 215 South Cascade Street Fergus Falls, MN 565380496	Electronic Service	No	SPL_SL_13-542_Interested Parties
Sara	Bergan	sebergan@stoel.com	Stoel Rives LLP	33 South Sixth Street Suite 4200 Minneapolis, MN 55402	Paper Service	No	SPL_SL_13-542_Interested Parties
Thor	Bjork	Thor.S.Bjork@xcelenergy.com	Xcel Energy	414 Nicollet Mall Minneapolis, MN 55401	Paper Service	No	SPL_SL_13-542_Interested Parties
William A.	Blazar	bblazar@mnychamber.com	Minnesota Chamber Of Commerce	Suite 1500 400 Robert Street North St. Paul, MN 55101	Electronic Service	No	SPL_SL_13-542_Interested Parties
Michael J.	Bull	N/A	Center for Energy and Environment	212 Third Avenue North, Suite 560 Minneapolis, MN 55401	Paper Service	No	SPL_SL_13-542_Interested Parties
Jessica	Burdette	jessica.burdette@state.mn.us	Department of Commerce	85 7th Place East Suite 500 St. Paul, MN 55101	Electronic Service	No	SPL_SL_13-542_Interested Parties

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Joel	Cannon	jcannon@tenksolar.com	Tenk Solar, Inc.	9549 Penn Avenue S Bloomington, MN 55431	Electronic Service	No	SPL_SL_13- 542_Interested Parties
John J.	Carroll	jcarroll@newportpartners.com	Newport Partners, LLC	9 Cushing, Suite 200 Irvine, California 92618	Electronic Service	No	SPL_SL_13- 542_Interested Parties
Aakash	Chandarana	Aakash.Chandara@xcenergy.com	Xcel Energy Services Inc.	414 Nicollet Mall 5th Floor Minneapolis, MN 55401	Paper Service	No	SPL_SL_13- 542_Interested Parties
Steve W.	Chriss	Stephen.chriss@walmart.com	Wal-Mart	2001 Southeast 10th St. Bentonville, AZ 72716-5530	Paper Service	No	SPL_SL_13- 542_Interested Parties
Steve	Coleman	scoleman@appliedenergyinnovations.org	Applied Energy Innovations	4000 Minnehaha Ave S Minneapolis, MN 55406	Paper Service	No	SPL_SL_13- 542_Interested Parties
Lisa	Daniels	lisadaniels@windustry.org	Windustry	201 Ridgewood Avenue Minneapolis, MN 55403	Paper Service	No	SPL_SL_13- 542_Interested Parties
Chris	Davis	christopher.davis@state.mn.us	Department of Commerce	Suite 500 85 Seventh Place East St. Paul, MN 551012198	Electronic Service	No	SPL_SL_13- 542_Interested Parties
Dustin	Denison	N/A	Applied Energy Innovations	4000 Minnehaha Ave S Minneapolis, MN 55406	Paper Service	No	SPL_SL_13- 542_Interested Parties
Ian	Dobson	ian.dobson@ag.state.mn.us	Office of the Attorney General-RUD	Antitrust and Utilities Division 445 Minnesota Street, BRM Tower St. Paul, MN 55101	Electronic Service	Yes	SPL_SL_13- 542_Interested Parties

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Dan	Donkers	N/A	Saint Paul - Ramsey County Public Health	Environmental Health Section 2785 White Bear Ave. Suite 350 Maplewood, MN 55109	Paper Service	No	SPL_SL_13-542_Interested Parties
Bill	Droessler	N/A	Izaak Walton League of America-MWO	1619 Dayton Ave Ste 202 Saint Paul, MN 55104	Paper Service	No	SPL_SL_13-542_Interested Parties
Betsy	Engelking	betsy@geronimoenergy.com	Geronimo Energy	7650 Edinborough Way Suite 725 Edina, MN 55435	Paper Service	No	SPL_SL_13-542_Interested Parties
Betsy	Engelking		Xcel Energy	7th Floor 414 Nicollet Mall Minneapolis, MN 554011993	Paper Service	No	SPL_SL_13-542_Interested Parties
Rick	Evans	Rick.Evans@xcelenergy.com	Xcel Energy	404 Nicollet Mall Minneapolis, MN 55401	Paper Service	No	SPL_SL_13-542_Interested Parties
Sharon	Ferguson	sharon.ferguson@state.mn.us	Department of Commerce	85 7th Place E Ste 500 Saint Paul, MN 551012198	Electronic Service	No	SPL_SL_13-542_Interested Parties
Nathan	Franzen	nathan@geronimoenergy.com	Geronimo Energy	7650 Edinborough Way Suite 725 Edina, MN 55435	Paper Service	No	SPL_SL_13-542_Interested Parties
Lee	Gabler	Lee.E.Gabler@xcelenergy.com	Xcel Energy	404 Nicollet Mall Minneapolis, MN 55401	Paper Service	No	SPL_SL_13-542_Interested Parties
Benjamin	Gerber	bgerber@mncchamber.com	Minnesota Chamber of Commerce	400 Robert Street North Suite 1500 St. Paul, Minnesota 55101	Electronic Service	No	SPL_SL_13-542_Interested Parties
Bruce	Gerhardson	bgerhardson@otpc.com	Otter Tail Power Company	PO Box 496 215 S Cascade St Fergus Falls, MN 565380496	Electronic Service	No	SPL_SL_13-542_Interested Parties

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Elizabeth	Goodpaster	bgoodpaster@mncenter.org	MN Center for Environmental Advocacy	Suite 206 26 East Exchange Street St. Paul, MN 551011667	Electronic Service	No	SPL_SL_13-542_Interested Parties
Bill	Grant	Bill.Grant@state.mn.us	Minnesota Department of Commerce	85 7th Place East, Suite 500 St. Paul, MN 55101	Electronic Service	No	SPL_SL_13-542_Interested Parties
Lloyd	Grooms	lgrooms@winthrop.com	Winthrop and Weinstine	Suite 3500 225 South Sixth Street Minneapolis, MN 554024629	Paper Service	No	SPL_SL_13-542_Interested Parties
Burl W.	Haar	burl.haar@state.mn.us	Public Utilities Commission	Suite 350 121 7th Place East St. Paul, MN 551012147	Electronic Service	Yes	SPL_SL_13-542_Interested Parties
Tony	Hainault	anthony.hainault@co.hennepin.mn.us	Hennepin County DES	701 Fourth Ave. S., Ste 700 Minneapolis, MN 55415-1842	Paper Service	No	SPL_SL_13-542_Interested Parties
J Drake	Hamilton	hamilton@fresh-energy.org	Fresh Energy	408 St Peter St Saint Paul, MN 55101	Paper Service	No	SPL_SL_13-542_Interested Parties
Samuel	Hanson	N/A	Briggs And Morgan, P.A.	2200 IDS Center E 80 South Eighth Street Minneapolis, MN 55402	Paper Service	No	SPL_SL_13-542_Interested Parties
Jack	Hays	nathan.franzen@westwoodps.com	Westwood Professional Services	7699 Anagram Drive Eden Prairie, MN 55344	Paper Service	No	SPL_SL_13-542_Interested Parties
Brandon	Heath	bheath@misoenergy.org	MISO Energy	1125 Energy Park Drive St. Paul, MN 55108-5001	Paper Service	No	SPL_SL_13-542_Interested Parties
Lynn	Hinkle	lhinkle@mNSEIA.org	Minnesota Solar Energy Industries Association	2512 33rd Ave South #2 Minneapolis, MN 55406	Paper Service	No	SPL_SL_13-542_Interested Parties

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
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Anne	Hunt	anne.hunt@ci.stpaul.mn.us	City of Saint Paul	390 City Hall 15 West Kellogg Boulevard Saint Paul, MN 55102	Electronic Service	No	SPL_SL_13-542_Interested Parties
Steve	Huso	steve.huso@xcelenergy.com	Xcel Energy	G.O. 7th Floor 414 Nicollet Mall Minneapolis, MN 554011993	Paper Service	No	SPL_SL_13-542_Interested Parties
Ralph	Jacobson	N/A	Innovative Power Systems, Inc.	1413 Hunting Valley Rd Ste 1 Saint Paul, MN 55109-1555	Paper Service	No	SPL_SL_13-542_Interested Parties
Dwight	Jelle	dkjelle@gmail.com	Best Power International, LLC	P.O. 5126 Hopkins, MN 55343	Electronic Service	No	SPL_SL_13-542_Interested Parties
Alan	Jenkins	aj@jenkinsatlaw.com	Jenkins at Law	2265 Roswell Road Suite 100 Marietta, GA 30062	Electronic Service	No	SPL_SL_13-542_Interested Parties

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Linda	Jensen	linda.s.jensen@ag.state.mn.us	Office of the Attorney General-DOC	1800 BRM Tower 445 Minnesota Street St. Paul, MN 551012134	Electronic Service	No	SPL_SL_13-542_Interested Parties
Richard	Johnson	johnsonr@moss-barnett.com	Moss & Barnett	4800 Wells Fargo Center90 South Seventh Street Minneapolis, MN 55402	Electronic Service	No	SPL_SL_13-542_Interested Parties
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Allen	Krug	allen.krug@xcelenergy.com	Xcel Energy	414 Nicollet Mall-7th fl Minneapolis, MN 55401	Electronic Service	No	SPL_SL_13-542_Interested Parties
Scott	Kurtz	Scott.J.Kurtz@xcelenergy.com	Northern States Power Co - MN	825 Rice Street St. Paul, MN 55117	Paper Service	No	SPL_SL_13-542_Interested Parties
Amy	Liberkowski	amy.a.liberkowski@xcelenergy.com	Xcel Energy	414 Nicollet Mall 7th Floor Minneapolis, MN 554011993	Paper Service	No	SPL_SL_13-542_Interested Parties
John	Lindell	agorud.ecf@ag.state.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012130	Electronic Service	Yes	SPL_SL_13-542_Interested Parties
Bob	Long	rlong@larkinhoffman.com	Larkin Hoffman (Silicon Energy)	1500 Wells Fargo Plaza 7900 Xerxes Ave S Bloomington, MN 55431	Paper Service	No	SPL_SL_13-542_Interested Parties

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
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Paula	Maccabee	Pmaccabee@visi.com	Just Change Law Offices	1961 Selby Avenue St. Paul, MN 55104	Paper Service	No	SPL_SL_13-542_Interested Parties
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Kavita	Maini	kmairi@wi.rr.com	KM Energy Consulting LLC	961 N Lost Woods Rd Oconomowoc, WI 53066	Electronic Service	No	SPL_SL_13-542_Interested Parties
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Brian	Millberg	Brian.Millberg@minneapolismn.gov	City of Minneapolis	350 South 5th St, #315 Minneapolis, MN 55415	Paper Service	No	SPL_SL_13-542_Interested Parties
Stacy	Miller	stacy.miller@state.mn.us	Department of Commerce	State Energy Office 85 7th Place East, Suite 500 St. Paul, MN 55101	Electronic Service	No	SPL_SL_13-542_Interested Parties
David	Moeller	dmoeller@allete.com	Minnesota Power	30 W Superior St Duluth, MN 558022093	Electronic Service	No	SPL_SL_13-542_Interested Parties

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Andrew	Moratzka	apmoratzka@stoel.com	Stoel Rives LLP	33 South Sixth Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No	SPL_SL_13- 542_Interested Parties
Martin	Morud	mmorud@trunorthsolar.com	Tru North Solar	5115 45th Ave S Minneapolis, MN 55417	Electronic Service	No	SPL_SL_13- 542_Interested Parties
Michael	Noble		Fresh Energy	Hamm Bldg., Suite 220 408 St. Peter Street St. Paul, MN 55102	Paper Service	No	SPL_SL_13- 542_Interested Parties
Rolf	Nordstrom	rnordstrom@gpisd.net	Great Plains Institute	2801 21ST AVE S STE 220 Minneapolis, MN 55407-1229	Electronic Service	No	SPL_SL_13- 542_Interested Parties
Kate	O'Connell	kate.oconnell@state.mn.us	Department of Commerce	Suite 50085 Seventh Place East St. Paul, MN 551012198	Electronic Service	No	SPL_SL_13- 542_Interested Parties
Nick	Paluck		Xcel Energy	7th Floor 414 Nicollet Mall Minneapolis, MN 554011993	Paper Service	No	SPL_SL_13- 542_Interested Parties
James	Pearson	N/A	Xcel Energy	414 Nicollet Mall Minneapolis, MN 55401	Paper Service	No	SPL_SL_13- 542_Interested Parties
Donna	Pickard	dpickard@aladdinsolar.com	Aladdin Solar	1215 Lilac Lane Excelsior, MN 55331	Electronic Service	No	SPL_SL_13- 542_Interested Parties
Charlie	Pickard	cpickard@aladdinsolar.com	Aladdin Solar	1215 Lilac Lane Excelsior, MN 55331	Electronic Service	No	SPL_SL_13- 542_Interested Parties
Gayle	Prest	gayle.prest@minneapolismn.gov	City of Mpls Sustainability	350 South 5th St, #315 Minneapolis, MN 55415	Paper Service	No	SPL_SL_13- 542_Interested Parties

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Kent	Ragsdale	kentragdsdale@alliantenergy.com	Alliant Energy-Interstate Power and Light Company	P.O. Box 351 200 First Street, SE Cedar Rapids, IA 524060351	Electronic Service	No	SPL_SL_13-542_Interested Parties
Enio	Ricci	ericci@invenergyllc.com	Invenergy LLC	17830 New Hampshire Ave Ste 300 Ashton, MD 20861	Paper Service	No	SPL_SL_13-542_Interested Parties
Michelle	Rosier	michelle.rosier@sierraclub.org	Sierra Club	2327 E. Franklin Avenue Minneapolis, MN 554061024	Paper Service	No	SPL_SL_13-542_Interested Parties
Richard	Savelkoul	rsavelkoul@martinsquires.com	Martin & Squires, P.A.	332 Minnesota Street Ste W2750 St. Paul, MN 55101	Electronic Service	No	SPL_SL_13-542_Interested Parties
Larry L.	Schedin	Larry@LLSResources.com	LLS Resources, LLC	12 S 6th St Ste 1137 Minneapolis, MN 55402	Paper Service	No	SPL_SL_13-542_Interested Parties
Matthew J.	Schuerger P.E.	mjpub@earthlink.net	Energy Systems Consulting Services, LLC	P.O. Box 16129 St. Paul, MN 55116	Electronic Service	No	SPL_SL_13-542_Interested Parties
Kevin	Schwain	Kevin.D.Schwain@xcelenergy.com	Xcel Energy	404 Nicollet Mall Minneapolis, MN 55401	Paper Service	No	SPL_SL_13-542_Interested Parties
Janet	Shaddix Elling	jshaddix@janetshaddix.com	Shaddix And Associates	Ste 122 9100 W Bloomington Frwy Bloomington, MN 55431	Electronic Service	No	SPL_SL_13-542_Interested Parties
Gary	Shaver	N/A	Silicon Energy	3506 124th St NE Marysville, WA 98271	Paper Service	No	SPL_SL_13-542_Interested Parties
Erin	Shea	eshea@silicon-energy.com	Silicon Energy	11168 Sumter Circle Bloomington, MN 55438	Electronic Service	No	SPL_SL_13-542_Interested Parties

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Doug	Shoemaker	dougs@mnRenewables.org	MRES	2928 5th Avenue South Minneapolis, MN 55408	Paper Service	No	SPL_SL_13-542_Interested Parties
Chanti	Sourignavong	chantipal.sourignavong@honeywell.com	Honeywell	1985 Douglas Drive North MN10-111A Golden Valley, MN 55422-3992	Paper Service	No	SPL_SL_13-542_Interested Parties
Erin	Stojan Ruccolo		Fresh Energy	408 Saint Peter St Ste 220 Saint Paul, MN 55102-1125	Paper Service	No	SPL_SL_13-542_Interested Parties
James M.	Strommen	jstrommen@kennedy-graven.com	Kennedy & Graven, Chartered	470 U.S. Bank Plaza 200 South Sixth Street Minneapolis, MN 55402	Electronic Service	No	SPL_SL_13-542_Interested Parties
Deb	Sundin	deb.sundin@xcelenergy.com	Xcel Energy	414 Nicollet Mall Minneapolis, MN 55401	Electronic Service	No	SPL_SL_13-542_Interested Parties
SaGonna	Thompson	Regulatory.Records@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 7 Minneapolis, MN 554011993	Electronic Service	No	SPL_SL_13-542_Interested Parties
Lise	Trudeau	lise.trudeau@state.mn.us	Department of Commerce	85 7th Place East Suite 500 Saint Paul, MN 55101	Electronic Service	No	SPL_SL_13-542_Interested Parties
Jason	Willett	N/A	Metropolitan Council	390 Robert St N Saint Paul, MN 55101-1805	Paper Service	No	SPL_SL_13-542_Interested Parties
Daniel	Williams	N/A	Powerfully Green	11451 Oregon Avenue N Champlin, MN 55316	Paper Service	No	SPL_SL_13-542_Interested Parties
Steven	Wishart		Xcel Energy	7th Floor 414 Nicollet Mall Minneapolis, MN 554011993	Paper Service	No	SPL_SL_13-542_Interested Parties

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Robyn	Woeste	robynwoeste@alliantenergy.com	Interstate Power and Light Company	200 First St SE Cedar Rapids, IA 52401	Electronic Service	No	SPL_SL_13- 542_Interested Parties