



414 Nicollet Mall
Minneapolis, MN 55401

December 18, 2014

—Via Electronic Filing—

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

RE: REPLY COMMENTS
SOLAR PORTFOLIO FOR INITIAL SOLAR ENERGY STANDARD COMPLIANCE
DOCKET NO. E002/M-14-162

Dear Dr. Haar:

Northern States Power Company, doing business as Xcel Energy, submits the enclosed Reply Comments on its Petition for approval of a 187 MW Solar Portfolio.

We have electronically filed this document with the Minnesota Public Utilities Commission, and copies have been served on the parties on the attached service list. Please contact me at james.r.alders @xcelenergy.com or (612) 330-6732 if you have any questions regarding this filing.

Sincerely,

/s/

JAMES R. ALDERS
STRATEGY CONSULTANT
REGULATORY AFFAIRS

Enclosure
c: Service List

STATE OF MINNESOTA
BEFORE THE
MINNESOTA PUBLIC UTILITIES COMMISSION

Beverly Jones Heydinger	Chair
David Boyd	Commissioner
Nancy Lange	Commissioner
Dan Lipschultz	Commissioner
Betsy Wergin	Commissioner

IN THE MATTER OF THE PETITION OF
NORTHERN STATES POWER COMPANY
FOR APPROVAL OF A PORTFOLIO OF
SOLAR PROJECTS TO MEET INITIAL
SOLAR ENERGY STANDARD COMPLIANCE

DOCKET No. E002/M-14-162

REPLY COMMENTS

INTRODUCTION

Northern States Power Company, doing business as Xcel Energy, submits to the Minnesota Public Utilities Commission these Reply Comments on its Petition for approval of a 187 MW solar portfolio consisting of the NextEra's 62.25 MW *Marshall Solar* project, juwi solar's 24.75 MW *MN Solar I* project, and Community Energy Resources' 100 MW *North Star Solar* project. These projects represented three of the most competitive bids received in response to the Solar Request for Proposal (RFP) for utility-scale solar resources the Company issued in April of this year.

As noted in our Petition, our proposal to acquire this 187 MW solar energy portfolio coincided with the Commission's consideration in Docket No. E002/CN-12-1240, which considered whether to direct the Company to enter into a Power Purchase Agreement (PPA) with Geronimo Energy for its 100 MW *Aurora* project. In the event that occurred, we recommended only moving forward with the *Marshall Solar* and *MN Solar I* PPAs in addition to the *Aurora* PPA, and not moving forward with the *North Star Solar* PPA.

In its December 15, 2014 deliberations in that docket, the Commission selected the *Aurora* PPA to be executed by the Company and Geronimo. In this Reply, we continue to support our recommendation to approve the Company moving forward with the *Marshall Solar* and *MN Solar I* PPAs. However, we acknowledge other parties' comments recommending the Commission require the Company to move

forward with all three solar RFP projects, regardless of the Commission's decision regarding Geronimo's *Aurora* project. While the pricing of the RFP projects is favorable, in weighing all the factors, we believe that it is prudent to take a cautious approach, as the risks of waiting to add additional solar to our system are small.

In these Reply Comments, we:

- Provide additional context to our proposal to acquire the *Marshall Solar* and *MN Solar I* PPAs at this time,
- Address the Department's inquiries regarding cost recovery and corporate structure in the event the Company purchases any of the proposed solar projects, and
- Address the implications of the 100 percent cost recovery Condition Precedent included in each of the solar project's PPAs.

REPLY COMMENTS

A. 187 MW Portfolio

Our original proposal was to acquire a 187 MW portfolio of solar energy consisting of the *Marshall Solar*, *MN Solar I*, and *North Star Solar* PPAs (RFP Portfolio) as a reasonable and prudent choice, and in the public interest, because the RFP Portfolio was the product of a competitive bidding process that secured solar energy prices that maximized customer value.¹

We also recommended that in the event the Commission decided to direct the Company to enter into the *Aurora* PPA in Docket No. E002/CN-12-1240, still only three solar PPAs totaling 187 MW should move forward: the *Marshall Solar*, *MN Solar I*, and *Aurora* PPAs. We continue to recommend this course of action to the Commission. The acquisition of these three PPAs totaling 187 MW is prudent in light of our needs with respect to the 1.5 percent Solar Energy Standard (SES), and the opportunity for future cost savings associated with further technological innovations.

We acknowledge that most of the parties submitting comments in this docket support adding all four of the solar PPAs as resources to our system now because the Investment Tax Credit (ITC) is scheduled to decline at the end of 2016. As the response to our RFP demonstrated, the existing 30 percent Federal ITC resulted in

¹ We appreciate that the Department's analysis of the RFP Portfolio and *Aurora* PPA confirms our recommendation. The Department's analysis demonstrated that the RFP Portfolio is the least-cost and most reasonable option for the Company to meet Minnesota's 1.5 percent Solar Energy Standard obligation.

attractive pricing, but is scheduled to decline to 10 percent by the end of 2016. Taking full advantage of the higher incentive while it is available makes sense.

The countervailing consideration in the solar generation market, however, is the continuing reduction in production costs due to technology improvements. The likelihood of significant improvements in technology compensating for the reduction in federal incentives is well documented in the IHS Energy's Outlook for US Solar PV Capital Costs and Prices, 2014-2030 (October 7, 2014) (IHS Report), which we cited in our Petition.

The IHS Report involved detailed econometric modeling of the principal factors impacting the existing and projected costs of solar projects, including (i.e., capital costs, cost of capital, tax incentives, operating capacity, and required energy pricing). The report shows that solar photovoltaic benchmark capital costs have fallen by about 50 percent from 2009 to 2014, and are anticipated to fall another 35 percent from the 2014 level by 2020, and a 45 percent reduction from the current level by 2030.² These projected capital cost savings are significant, and it appears they will more than offset the decline, or even the possible elimination of the ITC.

Further, our acquisition of the *Aurora*, *Marshall*, and *MN Solar I* PPAs now, combined with anticipated residential solar projects and renewable energy credits, will more than cover the Company's 1.5 percent solar mandate obligations in a sustainable manner through the next decade. We note that with respect to residential solar projects, we had estimated that our customers would add up to 20 MW of such projects by 2020, but after our recent launch of our Community Solar Gardens program, we now believe that distributed generation solar units will add considerably more solar energy to our system.

Weighing the expected technology advances that are expected to more than offset the smaller ITC credit with what we expect to be a robust compliance position in the near-term, it may be prudent to wait to acquire additional solar resources toward meeting Minnesota's 10 percent SES *goal* in the 2020-2030 time period, as the risks of waiting appear small.

In the end, we realize that this is a close call. Taking advantage of the known low cost of the *North Star Solar* PPA now will contribute to the Company's progress in meeting the 10 percent SES goal. However, waiting for the inevitable reduction in capital

² IHS Energy's analysis is based on its tracking of system, component, and customer acquisition costs through various public sources and surveys of key suppliers, including cost data for over 200,000 distributed solar projects installed between 2003 and mid-2014.

costs and what we expect to be very robust customer response to our distributed solar programs will also allow us to make progress on the 10 percent SES goal, while also allowing us to learn from the construction and performance of these projects – and verify the capacity and energy values of utility scale solar in Minnesota before making a larger commitment.

B. Cost Recovery and Structure of Purchased Solar Projects

We acknowledge the Department’s December 17, 2014 Reply Comments that accepted the explanation we provided in our responses to Information Requests regarding how we intend to recover our costs to purchase a project pursuant to the Right of First Refusal provision in the *Marshall Solar*, *MN Solar I*, and *North Star Solar* PPAs, and the corporate structure in the event we obtained the *Marshall Solar* project pursuant to one of the acquisition options included in that PPA’s Right of First Offer (ROFO) term.

We, however, confirm in this Reply that in the event we purchased any of these projects, we would seek Commission review and approval of the purchase first, pursuant to Minn. Stat. § 216B.50, subd. 1, which provides that “[n]o public utility shall sell, acquire, lease, or rent any plant as an operating unit or system in this state for a total consideration in excess of \$100,000 . . . without first being authorized so to do by the commission.” Depending on the circumstances surrounding the purchase, we would propose in our Petition that we recover the cost of the project through base rates in our next rate case, or through our Renewable Energy Standard rider.

With respect to the *Marshall Solar* project, it is not clear at this time what the likely corporate structure would be if we were to acquire it pursuant to the ROFO provision identified by the Department. There are a variety of issues that would need to be taken into consideration, including customer impacts, and GAAP accounting and taxation implications. We would explore these and other issues at that time, and outline a proposal in our Petition to the Commission.

C. Cost Recovery Condition Precedent

As explained in our December 12, 2014 Letter filed with the Commission in Docket No. E002/CN-12-1240 regarding the intent of the 100 percent cost recovery Condition Precedent (CP) in the *Aurora* PPA, that same CP in the *Marshall Solar*, *MN Solar I*, and *North Star Solar* PPAs is intended to assure recovery of only those costs of the PPAs traditionally allocated to our Minnesota and North Dakota customers. The CP was not intended to apply to costs allocated to our South Dakota, Wisconsin, and

Michigan jurisdictions, where regulatory review of the reasonableness and prudence of our PPA costs is conducted on an after-the-fact basis, and therefore might not occur for the PPAs approved in this proceeding for some time.

As we proposed with respect to the *Aurora* PPA, we are open to proposing the same change in the cost recovery CP in the RFP Portfolio PPAs to those bidders to better reflect our intentions. Revising the CP's language rather than striking it from the PPAs will avoid the risk that the North Dakota Commission will dismiss our November 7, 2014 application for an Advance Determination of Prudence for the RFP Portfolio PPAs.

CONCLUSION

Xcel Energy respectfully requests the Commission approve the *Marshall Solar* and *MN Solar I* PPAs, in light of its selection of the *Aurora* PPA in Docket No. E002/CN-12-1240. Weighing the expected technology advances that are expected to more than offset the smaller ITC credit with what we expect to be a robust compliance position in the near-term, we believe it may be prudent to wait to acquire additional solar resources toward meeting Minnesota's 10 percent SES *goal* in the 2020-2030 time period, as the risks of waiting appear small.

Dated: December 18, 2014

Northern States Power Company

CERTIFICATE OF SERVICE

I, Tiffany Hughes, hereby certify that I have this day served copies of the foregoing document or a summary thereof on the attached lists of persons:

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

xx via electronic filing

DOCKET No. E002/M-14-162

Dated this 18th day of December 2014

/s/

Tiffany Hughes
Records Analyst

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
David	Aafedt	daafedt@winthrop.com	Winthrop & Weinstine, P.A.	Suite 3500, 225 South Sixth Street Minneapolis, MN 554024629	Electronic Service	No	OFF_SL_14-162_M-14-162
Ross	Abbey	abbey@fresh-energy.org	Fresh Energy	408 Saint Peter St Ste 220 St. Paul, MN 55102-1125	Electronic Service	No	OFF_SL_14-162_M-14-162
Michael	Allen	michael.allen@allenergysolar.com	All Energy Solar	721 W 26th st Suite 211 Minneapolis, Minnesota 55405	Electronic Service	No	OFF_SL_14-162_M-14-162
Jorge	Alonso	jorge.alonso@state.mn.us	Public Utilities Commission	121 7th Place East Suite 350 St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_14-162_M-14-162
Christopher	Anderson	canderson@allete.com	Minnesota Power	30 W Superior St Duluth, MN 558022191	Electronic Service	No	OFF_SL_14-162_M-14-162
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	OFF_SL_14-162_M-14-162
Jessica	Antinozzi	go4solarmn@gmail.com		7041 147th Avenue NW Ramsey, Minnesota 55303	Electronic Service	No	OFF_SL_14-162_M-14-162
Alison C	Archer	alison.c.archer@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 5 Minneapolis, MN 55401	Electronic Service	No	OFF_SL_14-162_M-14-162
John	Aune	johna@bluehorizonsolar.com	Blue Horizon Energy	171 Cheshire Ln Ste 500 Plymouth, MN 55441	Electronic Service	No	OFF_SL_14-162_M-14-162
KERRI	BARSNESS	jkbars@q.com		1454 159th Ave NW Andover, Mn 55304	Electronic Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Andrew	Bahn	Andrew.Bahn@state.mn.us	Public Utilities Commission	121 7th Place E., Suite 350 St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_14-162_M-14-162
Dave	Baker	bademail.david.baker@saintpaul.edu	Saint Paul College	60 Plato Blvd E Ste 150 Saint Paul, MN 55107	Paper Service	No	OFF_SL_14-162_M-14-162
Kenneth	Baker	N/A	Wal-Mart Stores, Inc.	2001 SE 10th St. Bentonville, AZ 72716-5530	Paper Service	No	OFF_SL_14-162_M-14-162
Gail	Baranko	gail.baranko@xcelenergy.com	Xcel Energy	414 Nicollet Mall 7th Floor Minneapolis, MN 55401	Electronic Service	No	OFF_SL_14-162_M-14-162
Ryan	Barlow	Ryan.Barlow@ag.state.mn.us	Office of the Attorney General-DOC	445 Minnesota Street Bremer Tower, Suite 1400 St. Paul, Minnesota 55101	Electronic Service	Yes	OFF_SL_14-162_M-14-162
Peter	Beithon	pbeithon@otpc.com	Otter Tail Power Company	P.O. Box 496 215 South Cascade Street Fergus Falls, MN 565380496	Electronic Service	No	OFF_SL_14-162_M-14-162
Sara	Bergan	sebergan@stoel.com	Stoel Rives LLP	33 South Sixth Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-162_M-14-162
James J.	Bertrand	james.bertrand@leonard.com	Leonard Street & Deinard	150 South Fifth Street, Suite 2300 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-162_M-14-162
Derek	Bertsch	derek.bertsch@mrenergy.com	Missouri River Energy Services	3724 West Avera Drive PO Box 88920 Sioux Falls, SD 57109-8920	Electronic Service	No	OFF_SL_14-162_M-14-162
Thor	Bjork	Thor.S.Bjork@xcelenergy.com	Xcel Energy	414 Nicollet Mall Minneapolis, MN 55401	Electronic Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
William A.	Blazar	bblazar@mchamber.com	Minnesota Chamber Of Commerce	Suite 1500 400 Robert Street North St. Paul, MN 55101	Electronic Service	No	OFF_SL_14-162_M-14-162
Amy	Blumenshine	troutblues@aol.com		3156 Elliot Ave. S. Minneapolis, MN 55407	Electronic Service	No	OFF_SL_14-162_M-14-162
Jim	Borofka	N/A	P.M. BEDROOM GALLERY	805 COUNTY RD 10 NE BLAINE, MN 55434	Paper Service	No	OFF_SL_14-162_M-14-162
Kenneth	Bradley	kbradley1965@gmail.com		2837 Emerson Ave S Apt CW112 Minneapolis, MN 55408	Electronic Service	No	OFF_SL_14-162_M-14-162
Michael	Bradley	mike.bradley@lawmoss.com	Moss & Barnett	150 S. 5th Street, #1200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-162_M-14-162
Jon	Brekke	jbrekke@grenergy.com	Great River Energy	12300 Elm Creek Boulevard Maple Grove, MN 553694718	Electronic Service	No	OFF_SL_14-162_M-14-162
Mark B.	Bring	mbring@otpc.com	Otter Tail Power Company	215 South Cascade Street PO Box 496 Fergus Falls, MN 565380496	Electronic Service	No	OFF_SL_14-162_M-14-162
Christina	Brusven	cbrusven@fredlaw.com	Fredrikson Byron	200 S 6th St Ste 4000 Minneapolis, MN 554021425	Electronic Service	No	OFF_SL_14-162_M-14-162
Michael J.	Bull	mbull@mncee.org	Center for Energy and Environment	212 Third Ave N Ste 560 Minneapolis, MN 55401	Electronic Service	No	OFF_SL_14-162_M-14-162
Jessica	Burdette	jessica.burdette@state.mn.us	Department of Commerce	85 7th Place East Suite 500 St. Paul, MN 55101	Electronic Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Laura	Burrington	N/A	Minnesota Renewable Energy Society	2928 5th Ave. S. Minneapolis, MN 55408	Paper Service	No	OFF_SL_14-162_M-14-162
James	Canaday	james.canaday@ag.state.mn.us	Office of the Attorney General-RUD	Suite 1400 445 Minnesota St. St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_14-162_M-14-162
Joel	Cannon	jcannon@tenksolar.com	Tenk Solar, Inc.	9549 Penn Avenue S Bloomington, MN 55431	Electronic Service	No	OFF_SL_14-162_M-14-162
Tammie	Carino	tcarino@GREnergy.com	Great River Energy	12300 Elm Creek Blvd. Maple Grove, MN 55369-4718	Electronic Service	No	OFF_SL_14-162_M-14-162
Douglas M.	Carnival	dmc@mcgrannshea.com	McGrann Shea Carnival Straughn & Lamb	N/A	Electronic Service	No	OFF_SL_14-162_M-14-162
John J.	Carroll	jcarroll@newportpartners.com	Newport Partners, LLC	9 Cushing, Suite 200 Irvine, California 92618	Electronic Service	No	OFF_SL_14-162_M-14-162
Aakash	Chandarana	Aakash.Chandara@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 5 Minneapolis, MN 55401	Electronic Service	No	OFF_SL_14-162_M-14-162
Steve W.	Chriss	Stephen.chriss@wal-mart.com	Wal-Mart	2001 SE 10th St. Bentonville, AZ 72716-5530	Electronic Service	No	OFF_SL_14-162_M-14-162
Jeanne	Cochran	Jeanne.Cochran@state.mn.us	Office of Administrative Hearings	P.O. Box 64620 St. Paul, MN 55164-0620	Electronic Service	Yes	OFF_SL_14-162_M-14-162
John	Coffman	john@johncoffman.net	AARP	871 Tuxedo Blvd. St. Louis, MO 63119-2044	Electronic Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Kenneth A.	Colburn	kcolburn@symbioticstrategies.com	Symbiotic Strategies, LLC	26 Winton Road Meredith, NH 32535413	Electronic Service	No	OFF_SL_14-162_M-14-162
Steve	Coleman	scoleman@appliedenergyinnovations.org	Applied Energy Innovations	4000 Minnehaha Ave S Minneapolis, MN 55406	Electronic Service	No	OFF_SL_14-162_M-14-162
Steve	Coleman	stevecolemanpuma@gmail.com		231 Winifred St W Saint Paul, MN 55107	Electronic Service	No	OFF_SL_14-162_M-14-162
Nathan	Criego	nathancriego@yahoo.com		13358 Marigold St Andover, MN 55304	Electronic Service	No	OFF_SL_14-162_M-14-162
George	Crocker	gwillc@nawo.org	North American Water Office	PO Box 174 Lake Elmo, MN 55042	Electronic Service	No	OFF_SL_14-162_M-14-162
Arthur	Crowell	Crowell.arthur@yahoo.com	A Work of Art Landscapes	234 Jackson Ave N Hopkins, MN 55343	Electronic Service	No	OFF_SL_14-162_M-14-162
Carrie	Cullen Hitt	N/A	Solar Energy Industries Association	505 9th St. NW, Suite 800 Washington, DC 20004	Paper Service	No	OFF_SL_14-162_M-14-162
Jill	Curran	jcurran@mnchamber.com	Minnesota Waste Wise	400 Robert Street North Suite 1500 St. Paul, Minnesota 55101	Electronic Service	No	OFF_SL_14-162_M-14-162
David	Dahlberg	davedahlberg@nweco.com	Northwestern Wisconsin Electric Company	P.O. Box 9 104 South Pine Street Grantsburg, WI 548400009	Electronic Service	No	OFF_SL_14-162_M-14-162
Lisa	Daniels	lisadaniels@windustry.org	Windustry	201 Ridgewood Ave Minneapolis, MN 55403	Electronic Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Jerry	Dasinger	jerry.dasinger@state.mn.us	Public Utilities Commission	Suite 350 121 7th Place East St. Paul, MN 551012147	Electronic Service	Yes	OFF_SL_14-162_M-14-162
Jeffrey A.	Daugherty	jeffrey.daugherty@centerpointenergy.com	CenterPoint Energy	800 LaSalle Ave Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-162_M-14-162
Chris	Davis	christopher.davis@state.mn.us	Department of Commerce	Suite 500 85 Seventh Place East St. Paul, MN 551012198	Electronic Service	No	OFF_SL_14-162_M-14-162
Anne	Dejoy	N/A	EAST SIDE NEIGHBORHOOD DEVELOPMENT COMPANY, INC.	965 Payne Ave Ste 200 Saint Paul, MN 55130	Paper Service	No	OFF_SL_14-162_M-14-162
Dustin	Denison	dustin@appliedenergyinnovations.org	Applied Energy Innovations	4000 Minnehaha Ave S Minneapolis, MN 55406	Electronic Service	No	OFF_SL_14-162_M-14-162
James	Denniston	james.r.denniston@xcenergy.com	Xcel Energy Services, Inc.	414 Nicollet Mall, Fifth Floor Minneapolis, MN 55401	Electronic Service	No	OFF_SL_14-162_M-14-162
Curt	Dieren	bademailcdieren@dgrnet.com	L&O Power Cooperative	1302 South Union Street PO Box 511 Rock Rapids, IA 51246	Paper Service	No	OFF_SL_14-162_M-14-162
Steven	Dimmick	sdimmick@wernerelec.com	Werner electric	7450 95th st s cottage grove, mn 55016	Electronic Service	No	OFF_SL_14-162_M-14-162
Ian	Dobson	ian.dobson@ag.state.mn.us	Office of the Attorney General-RUD	Antitrust and Utilities Division 445 Minnesota Street, 1400 BRM Tower St. Paul, MN 55101	Electronic Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Larry	Dolphin	N/A	MN Division Izaak Walton League of America	2233 University Ave W Suite 339 Saint Paul, MN 55114	Paper Service	No	OFF_SL_14-162_M-14-162
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	OFF_SL_14-162_M-14-162
Brian	Draxten	bhdraxten@otpc.com	Otter Tail Power Company	P.O. Box 496 215 South Cascade Street Fergus Falls, MN 565380498	Electronic Service	No	OFF_SL_14-162_M-14-162
Brian	Droege	bademail.brian@peakpowermn.com	Peak Power Minnesota LLC	5030 Nokomis Ave Minneapolis, MN 55417	Paper Service	No	OFF_SL_14-162_M-14-162
Bill	Droessler	N/A	Izaak Walton League of America-MWO	1619 Dayton Ave Ste 202 Saint Paul, MN 55104	Paper Service	No	OFF_SL_14-162_M-14-162
Mike	Eggl	megg1@bepc.com	Basin Electric Power Cooperative	1717 East Interstate Avenue Bismarck, ND 58503	Electronic Service	No	OFF_SL_14-162_M-14-162
Kristen	Eide Tollefson	HealingSystems@earthlink.net	R-CURE	P O Box 129 Frontenac, MN 55026	Paper Service	No	OFF_SL_14-162_M-14-162
Rebecca	Eilers	rebecca.d.eilers@xcelenergy.com	Xcel Energy	414 Nicollet Mall, 7th Floor Minneapolis, MN 55401	Electronic Service	No	OFF_SL_14-162_M-14-162
Betsy	Engelking	betsy@geronimoenergy.com	Geronimo Energy	7650 Edinborough Way Suite 725 Edina, MN 55435	Electronic Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Oncu	Er	oncu.er@avantenergy.com	Avant Energy, Agent for MMPA	220 S. Sixth St. Ste. 1300 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-162_M-14-162
Rick	Evans	Rick.Evans@xcelenergy.com	Xcel Energy	404 Nicollet Mall Minneapolis, MN 55401	Electronic Service	No	OFF_SL_14-162_M-14-162
John	Farrell	jfarrell@ilsr.org	Institute for Local Self-Reliance	1313 5th St SE #303 Minneapolis, MN 55414	Electronic Service	No	OFF_SL_14-162_M-14-162
Sharon	Ferguson	sharon.ferguson@state.mn.us	Department of Commerce	85 7th Place E Ste 500 Saint Paul, MN 551012198	Electronic Service	No	OFF_SL_14-162_M-14-162
John	Flumerfelt	jflumerfelt@calpine.com	Calpine Corporation	500 Delaware Ave. Wilmington, DE 19801	Electronic Service	No	OFF_SL_14-162_M-14-162
Cathy	Fogale	cfogale@otpc.com	Otter Tail Power Company	215 South Cascade Street PO Box 496 Fergus Falls, MN 56537	Electronic Service	No	OFF_SL_14-162_M-14-162
Stephen	Fogel	Stephen.E.Fogel@XcelEnergy.com	Xcel Energy Services, Inc.	816 Congress Ave, Suite 1650 Austin, TX 78701	Electronic Service	No	OFF_SL_14-162_M-14-162
Nathan	Franzen	nathan@geronimoenergy.com	Geronimo Energy	7650 Edinborough Way Suite 725 Edina, MN 55435	Electronic Service	No	OFF_SL_14-162_M-14-162
Amy	Fredregill	amy@mrets.org	Midwest Renewable Energy Tracking System, Inc.	1885 University Avenue West, #315 St. Paul, MN 55104	Electronic Service	No	OFF_SL_14-162_M-14-162
Lee	Gabler	Lee.E.Gabler@xcelenergy.com	Xcel Energy	404 Nicollet Mall Minneapolis, MN 55401	Electronic Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Hal	Galvin	halgalvin@comcast.net	Provectus Energy Development llc	1936 Kenwood Parkway Minneapolis, MN 55405	Electronic Service	No	OFF_SL_14-162_M-14-162
Gary	Garbe	Gary.Garbe@avantenergy.com	Minnesota Municipal Power Agency	220 South Sixth Street Suite 1300 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-162_M-14-162
Edward	Garvey	garveyed@aol.com	Residence	32 Lawton St Saint Paul, MN 55102	Electronic Service	No	OFF_SL_14-162_M-14-162
Kelsey	Genung	kelsey.genung@xcelenergy.com	Xcel Energy	414 Nicollet Mall, Fl. 6 Minneapolis, MN 55401	Electronic Service	No	OFF_SL_14-162_M-14-162
Benjamin	Gerber	bgerber@mnychamber.com	Minnesota Chamber of Commerce	400 Robert Street North Suite 1500 St. Paul, Minnesota 55101	Electronic Service	No	OFF_SL_14-162_M-14-162
Bruce	Gerhardson	bgerhardson@otpc.com	Otter Tail Power Company	PO Box 496 215 S Cascade St Fergus Falls, MN 565380496	Electronic Service	No	OFF_SL_14-162_M-14-162
Bryan	Gower	N/A	APX, Inc.	224 Airport Parkway Suite 600 San Jose, CA 95110	Paper Service	No	OFF_SL_14-162_M-14-162
Bill	Grant	Bill.Grant@state.mn.us	Minnesota Department of Commerce	85 7th Place East, Suite 500 St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_14-162_M-14-162
Michael	Greiveldinger	michaelgreiveldinger@alliantenergy.com	Interstate Power and Light Company	4902 N. Biltmore Lane Madison, WI 53718	Electronic Service	No	OFF_SL_14-162_M-14-162
Pete	Grills	N/A	Citizen User	5414 Ashurst Street Indianapolis, IN 46220	Paper Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Timothy	Gulden	info@winonarenewableenergy.com	Winona Renewable Energy, LLC	1449 Ridgewood Dr Winona, MN 55987	Electronic Service	No	OFF_SL_14-162_M-14-162
Burl W.	Haar	burl.haar@state.mn.us	Public Utilities Commission	Suite 350 121 7th Place East St. Paul, MN 551012147	Electronic Service	Yes	OFF_SL_14-162_M-14-162
Tony	Hainault	anthony.hainault@co.hennepin.mn.us	Hennepin County DES	701 4th Ave S Ste 700 Minneapolis, MN 55415-1842	Electronic Service	No	OFF_SL_14-162_M-14-162
J Drake	Hamilton	hamilton@fresh-energy.org	Fresh Energy	408 St Peter St Saint Paul, MN 55101	Electronic Service	No	OFF_SL_14-162_M-14-162
Sam	Hanson	shanson@briggs.com	Briggs and Morgan, PA	2200 IDS Center 80 South Eighth Street Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-162_M-14-162
Samuel	Hanson	N/A	Briggs And Morgan, P.A.	2200 IDS Center E 80 South Eighth Street Minneapolis, MN 55402	Paper Service	No	OFF_SL_14-162_M-14-162
Robert	Harding	robert.harding@state.mn.us	Public Utilities Commission	Suite 350 121 7th Place East St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_14-162_M-14-162
Jack	Hays	jack.hays@westwoodps.com	Westwood Professional Services	7699 Anagram Drive Eden Prairie, MN 55344	Electronic Service	No	OFF_SL_14-162_M-14-162
Bill	Heaney	billheaney@billheaney.com	IBEW Minnesota State Council	940 44th Ave NE Unite 21067 Columbia Hts, MN 55421-3099	Electronic Service	No	OFF_SL_14-162_M-14-162
Brandon	Heath	bheath@misoenergy.org	MISO Energy	1125 Energy Park Drive St. Paul, MN 55108-5001	Electronic Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
John	Helmets	helmets.john@co.olmsted.mn.us	Olmsted County Waste to Energy	2122 Campus Drive SE Rochester, MN 55904-4744	Electronic Service	No	OFF_SL_14-162_M-14-162
Jared	Hendricks	hendricksj@owatonnautilities.com	Owatonna Public Utilities	PO Box 800 208 S Walnut Ave Owatonna, MN 55060-2940	Electronic Service	No	OFF_SL_14-162_M-14-162
Annete	Henkel	mui@mutilityinvestors.org	Minnesota Utility Investors	413 Wacouta Street #230 St.Paul, MN 55101	Electronic Service	No	OFF_SL_14-162_M-14-162
Jessy	Hennesy	jessy.hennesy@avantenergy.com	Avant Energy	220 S. Sixth St. Ste 1300 Minneapolis, Minnesota 55402	Electronic Service	No	OFF_SL_14-162_M-14-162
Patrick	Hentges		City Of Mankato	P.O. Box 3368 Mankato, MN 560023368	Paper Service	No	OFF_SL_14-162_M-14-162
Lynn	Hinkle	lhinkle@mNSEIA.org	Minnesota Solar Energy Industries Association	2512 33rd Ave South #2 Minneapolis, MN 55406	Electronic Service	No	OFF_SL_14-162_M-14-162
Holly	Hinman	holly.r.hinman@xcelenergy.com	Xcel Energy	414 Nicollet Mall, 7th Floor Minneapolis, MN 55401	Electronic Service	No	OFF_SL_14-162_M-14-162
Margaret	Hodnik	mhodnik@mnpower.com	Minnesota Power	30 West Superior Street Duluth, MN 55802	Electronic Service	No	OFF_SL_14-162_M-14-162
Michael	Hoppe	il23@mtn.org	Local Union 23, I.B.E.W.	932 Payne Avenue St. Paul, MN 55130	Electronic Service	No	OFF_SL_14-162_M-14-162
David	Horneck	david.g.horneck@xcelenergy.com	Xcel Energy	1800 Larimer Street Denver, CO 80202	Electronic Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Ashley	Houston			120 Fairway Rd Chestnut Hill, MA 24671850	Paper Service	No	OFF_SL_14-162_M-14-162
Lori	Hoyum	lhoyum@mnpower.com	Minnesota Power	30 West Superior Street Duluth, MN 55802	Electronic Service	No	OFF_SL_14-162_M-14-162
Josephine	Hubbard	johubbard@comcast.net		7730 Mississippi Lane Brooklyn Park, MN 55444	Electronic Service	No	OFF_SL_14-162_M-14-162
Jan	Hubbard	jan.hubbard@comcast.net		7730 Mississippi Lane Brooklyn Park, MN 55444	Electronic Service	No	OFF_SL_14-162_M-14-162
Tiffany	Hughes	Regulatory.Records@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 7 Minneapolis, MN 554011993	Electronic Service	No	OFF_SL_14-162_M-14-162
Matt	Hughes	N/A	Cooperative Network	145 University Ave W, Ste 450 St. Paul, MN 55103-7044	Paper Service	No	OFF_SL_14-162_M-14-162
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	OFF_SL_14-162_M-14-162
Steve	Huso	steve.huso@xcelenergy.com	Xcel Energy	G.O. 7th Floor 414 Nicollet Mall Minneapolis, MN 554011993	Electronic Service	No	OFF_SL_14-162_M-14-162
Michael	Jacobs	mjacobs@ucsusa.org	Union of Concerned Scientists	2 Brattle Square Cambridge, MA 02138	Electronic Service	No	OFF_SL_14-162_M-14-162
Ralph	Jacobson	N/A	Minnesota Solar Energy Industries Association	2512 33rd Ave S #2 Minneapolis, MN 55406	Paper Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Casey	Jacobson	cjacobson@bepc.com	Basin Electric Power Cooperative	1717 East Interstate Avenue Bismarck, ND 58501	Electronic Service	No	OFF_SL_14-162_M-14-162
John S.	Jaffray	jjaffray@jrpowers.com	JJR Power	350 Highway 7 Suite 236 Excelsior, MN 55331	Electronic Service	No	OFF_SL_14-162_M-14-162
Tom	Jandric	tomejandric@yahoo.com	Sundial Solar	1485 Portland Ave ST. Paul, Minnesota 55104	Electronic Service	No	OFF_SL_14-162_M-14-162
Dwight	Jelle	dkjelle@gmail.com	Best Power International, LLC	P.O. 5126 Hopkins, MN 55343	Electronic Service	No	OFF_SL_14-162_M-14-162
Alan	Jenkins	aj@jenkinsatlaw.com	Jenkins at Law	2265 Roswell Road Suite 100 Marietta, GA 30062	Electronic Service	No	OFF_SL_14-162_M-14-162
Eric	Jensen	ejensen@iwla.org	Izaak Walton League of America	Suite 202 1619 Dayton Avenue St. Paul, MN 55104	Electronic Service	No	OFF_SL_14-162_M-14-162
Eric	Jensen	theericjensen@gmail.com		4421 Bloomington Ave Minneapolis, MN 55407	Electronic Service	No	OFF_SL_14-162_M-14-162
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	OFF_SL_14-162_M-14-162
Richard	Johnson	Rick.Johnson@lawmoss.com	Moss & Barnett	150 S. 5th Street Suite 1200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-162_M-14-162
Joel	Johnson	joel@mrea.org	Minnesota Rural Electric Association	11640 73rd Ave N Maple Grove, MN 55369	Electronic Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Sarah	Johnson Phillips	sjphillips@stoel.com	Stoel Rives LLP	33 South Sixth Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-162_M-14-162
Larry	Johnston	lw.johnston@smmpa.org	SMMPA	500 1st Ave SW Rochester, MN 55902-3303	Electronic Service	No	OFF_SL_14-162_M-14-162
Nate	Jones	njones@hcpd.com	Heartland Consumers Power	PO Box 248 Madison, SD 57042	Electronic Service	No	OFF_SL_14-162_M-14-162
Heidi	Joos	sbear175@visi.com		3105 W 40th St Minneapolis, MN 55410	Electronic Service	No	OFF_SL_14-162_M-14-162
Clark	Kaml	clark.kaml@state.mn.us	Public Utilities Commission	121 E 7th Place, Suite 350 Saint Paul, MN 55101	Electronic Service	Yes	OFF_SL_14-162_M-14-162
Michael	Kampmeyer	bademailkampmeyer@te nksolar.com		260 Salem Church Road Sunfish Lake, MN 55118	Paper Service	No	OFF_SL_14-162_M-14-162
Michael	Kampmeyer	mkampmeyer@a-e- group.com	AEG Group, LLC	260 Salem Church Road Sunfish Lake, Minnesota 55118	Electronic Service	No	OFF_SL_14-162_M-14-162
Mark J.	Kaufman	mkaufman@ibewlocal949.o rg	IBEW Local Union 949	12908 Nicollet Avenue South Burnsville, MN 55337	Electronic Service	No	OFF_SL_14-162_M-14-162
John	Kearney	jmkearney@MnSEIA.org	MnSEIA	2512 33rd Ave S Minneapolis, MN 55406	Electronic Service	No	OFF_SL_14-162_M-14-162
Michael	Kemper	bademail.energyuown@ga mil.com		2242 Matterhorn Ln Saint Paul, MN 55119	Paper Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Julie	Ketchum	N/A	Waste Management	20520 Keokuk Ave Lakeville, MN 55044	Paper Service	No	OFF_SL_14-162_M-14-162
Brad	Klein	bklein@elpc.org	Environmental Law & Policy Center	35 E. Wacker Drive, Suite 1600 Suite 1600 Chicago, IL 60601	Electronic Service	No	OFF_SL_14-162_M-14-162
Peter	Klein	pmk@sppa.com	Saint Paul Port Authority	380 Saint Peter St Ste 850 345 St. Peter Street Saint Paul, MN 55102-1661	Electronic Service	No	OFF_SL_14-162_M-14-162
Kerry	Klemm	kerry.r.klemm@xcelenergy.com	Xcel Energy Services, Inc	414 Nicollet Mall Minneapolis, MN 55401	Electronic Service	No	OFF_SL_14-162_M-14-162
John	Kluempke	jwkluempke@winlectric.com	Elk River Winlectric	12777 Meadowvale Rd Elk River, MN 55330	Electronic Service	No	OFF_SL_14-162_M-14-162
John	Knofczynski		Heartland Consumers Power District	PO Box 248 203 W. Center Street Madison, SD 570420248	Paper Service	No	OFF_SL_14-162_M-14-162
Hank	Koegel	hank.koegel@edf-re.com	EDF Renewable Eenergy	10 2nd St NE Ste 400 Minneapolis, MN 55413-2652	Electronic Service	No	OFF_SL_14-162_M-14-162
Thomas G.	Koehler	TGK@IBEW160.org	Local Union #160, IBEW	2909 Anthony Ln St Anthony Village, MN 55418-3238	Electronic Service	No	OFF_SL_14-162_M-14-162
Mara	Koeller	mara.n.koeller@xcelenergy.com	Xcel Energy	414 Nicollet Mall 5th Floor Minneapolis, MN 55401	Electronic Service	No	OFF_SL_14-162_M-14-162
Heidi	Konynenbelt	hkonynenbelt@otpc.com	Otter Tail Power Company	215 S. Cascade Street, PO Box 496 Fergus Falls, MN 565380496	Electronic Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Jon	Kramer	jk2surf@aol.com	Sundial Solar	4708 york ave. S Minneapolis, MN 55410	Electronic Service	No	OFF_SL_14-162_M-14-162
Michael	Krikava	mkrikava@briggs.com	Briggs And Morgan, P.A.	2200 IDS Center 80 S 8th St Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-162_M-14-162
Ganesh	Krishnan	ganesh.krishnan@state.mn.us	Public Utilities Commission	Suite 350121 7th Place East St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_14-162_M-14-162
Allen	Krug	allen.krug@xcelenergy.com	Xcel Energy	414 Nicollet Mall-7th fl Minneapolis, MN 55401	Electronic Service	No	OFF_SL_14-162_M-14-162
Scott	Kurtz	Scott.J.Kurtz@xcelenergy.com	Xcel Energy	825 Rice Street St. Paul, MN 55117	Electronic Service	No	OFF_SL_14-162_M-14-162
Wayne	LaForge	wf@sundial@aol.com		12350 69th Ave N Maple Grove, MN 55369	Electronic Service	No	OFF_SL_14-162_M-14-162
Peder	Larson	plarson@larkinhoffman.com	Larkin Hoffman Daly & Lindgren, Ltd.	1500 Wells Fargo Plaza 7900 Xerxes Ave S Bloomington, MN 55431	Electronic Service	No	OFF_SL_14-162_M-14-162
Douglas	Larson	dlarson@dakotaelectric.com	Dakota Electric Association	4300 220th St W Farmington, MN 55024	Electronic Service	No	OFF_SL_14-162_M-14-162
Deborah Fohr	Levchak	dlevchak@bepc.com	Basin Electric Power Cooperative	1717 East Interstate Avenue Bismarck, ND 585030564	Electronic Service	No	OFF_SL_14-162_M-14-162
Amy	Liberkowski	amy.a.liberkowski@xcelenergy.com	Xcel Energy	414 Nicollet Mall 7th Floor Minneapolis, MN 554011993	Electronic Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
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	OFF_SL_14-162_M-14-162
Tim	Lindl	tlindl@kfwlaw.com	Keyes, Fox & Wiedman LLP	436 14th St, Ste 1305 Oakland, CA 94612	Electronic Service	No	OFF_SL_14-162_M-14-162
Mark	Lindquist	N/A	The Minnesota Project	57107 422nd St New Ulm, MN 56073-4321	Paper Service	No	OFF_SL_14-162_M-14-162
Matthew P	Loftus	matthew.p.loftus@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 5 Minneapolis, MN 55401	Electronic Service	No	OFF_SL_14-162_M-14-162
Bob	Long	rlong@larkinhoffman.com	Larkin Hoffman (Silicon Energy)	1500 Wells Fargo Plaza 7900 Xerxes Ave S Bloomington, MN 55431	Electronic Service	No	OFF_SL_14-162_M-14-162
Joshua	Low	bademailjoshua.low@sierraclub.org		2327 E Franklin Ave, Suite 1 Minneapolis, Minnesota 55405-2916	Paper Service	No	OFF_SL_14-162_M-14-162
Rebecca	Lundberg	rebecca.lundberg@powerfullygreen.com	Powerfully Green	11451 Oregon Ave N Champlin, MN 55316	Electronic Service	No	OFF_SL_14-162_M-14-162
Casey	MacCallum	casey@appliedenergyinnovations.org	Applied Energy Innovations	4000 Minnehaha Ave S Minneapolis, MN 55406	Electronic Service	No	OFF_SL_14-162_M-14-162
Paula	Maccabee	Pmaccabee@justchangela.w.com	Just Change Law Offices	1961 Selby Ave Saint Paul, MN 55104	Electronic Service	No	OFF_SL_14-162_M-14-162
Susan	Mackenzie	susan.mackenzie@state.mn.us	Public Utilities Commission	121 7th Place E Ste 350 St. Paul, MN 551012147	Electronic Service	Yes	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Peter	Madsen	peter.madsen@ag.state.mn.us	Office of the Attorney General-DOC	Bremer Tower, Suite 1800 445 Minnesota Street St. Paul, Minnesota 55101	Electronic Service	Yes	OFF_SL_14-162_M-14-162
Kavita	Maini	kmairi@wi.rr.com	KM Energy Consulting LLC	961 N Lost Woods Rd Oconomowoc, WI 53066	Electronic Service	No	OFF_SL_14-162_M-14-162
Nick	Mark	nick.mark@centerpointenergy.com	CenterPoint Energy	800 LaSalle Ave Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-162_M-14-162
Pam	Marshall	pam@energycents.org	Energy CENTS Coalition	823 7th St E St. Paul, MN 55106	Electronic Service	No	OFF_SL_14-162_M-14-162
Jennifer	Martin	N/A	Center for Resource Solutions	1012 Torney Ave, 2nd Floor San Francisco, CA 94129	Paper Service	No	OFF_SL_14-162_M-14-162
Mary	Martinka	mary.a.martinka@xcelenergy.com	Xcel Energy Inc	414 Nicollet Mall 7th Floor Minneapolis, MN 55401	Electronic Service	No	OFF_SL_14-162_M-14-162
Daryl	Maxwell	dmaxwell@hydro.mb.ca	Manitoba Hydro	360 Portage Ave FL 16 PO Box 815, Station Main Winnipeg, Manitoba R3C 2P4 Canada	Electronic Service	No	OFF_SL_14-162_M-14-162
Erica	McConnell	emcconnell@kfwlaw.com	Keyes, Fox & Wiedman LLP	436 14th Street, Suite 1305 Oakland, California 94612	Electronic Service	No	OFF_SL_14-162_M-14-162
Natalie	McIntire	natalie.mcintire@gmail.com	Wind on the Wires	570 Asbury St Ste 201 Saint Paul, MN 55104-1850	Electronic Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Harvey	McMahon	hcmahon@otpc.com	Otter Tail Power Company	215 South Cascade Street Fergus Falls, MN 56537	Electronic Service	No	OFF_SL_14-162_M-14-162
Dave	McNary	N/A	Hennepin County DES	701 Fourth Avenue South suite 700 Minneapolis, MN 55415-1842	Paper Service	No	OFF_SL_14-162_M-14-162
Connor	McNellis	cmcnellis@larkinhoffman.com	Larkin Hoffman Daly & Lindgren Ltd.	1500 Wells Fargo Plaza 7900 Xerxes Avenue South Minneapolis, MN 55431	Electronic Service	No	OFF_SL_14-162_M-14-162
John	McWilliams	jmm@dairynet.com	Dairyland Power Cooperative	3200 East Ave SPO Box 817 La Crosse, WI 54601-7227	Electronic Service	No	OFF_SL_14-162_M-14-162
Valerie	Means	valerie.means@lawmoss.com	Moss & Barnett	150 S. 5th Street, #1200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-162_M-14-162
Thomas	Melone	Thomas.Melone@AllcoUS.com	Minnesota Go Solar LLC	222 South 9th Street Suite 1600 Minneapolis, Minnesota 55120	Electronic Service	No	OFF_SL_14-162_M-14-162
Brian	Meloy	brian.meloy@stinsonleonard.com	Stinson, Leonard, Street LLP	150 S 5th St Ste 2300 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-162_M-14-162
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	Yes	OFF_SL_14-162_M-14-162
Philip	Miller	pxmiller2@gmail.com		3405 4th Ave South Minneapolis, MN 55408	Electronic Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
David	Moe	momentums@aol.com		2825 28th Ave S Minneapolis, MN 55406	Electronic Service	No	OFF_SL_14-162_M-14-162
David	Moeller	dmoeller@allete.com	Minnesota Power	30 W Superior St Duluth, MN 558022093	Electronic Service	No	OFF_SL_14-162_M-14-162
Andrew	Moratzka	apmoratzka@stoel.com	Stoel Rives LLP	33 South Sixth Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-162_M-14-162
Vernon	Morris	vkmorris@netzero.net	Sundial Solar	2409 Aldrich Ave S Minneapolis, MN 55405	Electronic Service	No	OFF_SL_14-162_M-14-162
Dorothy	Morrissey	dorothy.morrissey@state.mn.us	Public Utilities Commission	121 7th Place East Suite 350 St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_14-162_M-14-162
Martin	Morud	mmorud@trunorthsolar.com	Tru North Solar	5115 45th Ave S Minneapolis, MN 55417	Electronic Service	No	OFF_SL_14-162_M-14-162
Tom	Murphy	tmmurphymn@gmail.com		15 W. Baker St. Saint Paul, Minnesota - MN 55107	Electronic Service	No	OFF_SL_14-162_M-14-162
Ben	Nelson		CMMPA	459 South Grove Street Blue Earth, MN 56013	Paper Service	No	OFF_SL_14-162_M-14-162
David W.	Niles	david.niles@avantenergy.com	Minnesota Municipal Power Agency	Suite 300 200 South Sixth Street Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-162_M-14-162
Michael	Noble	noble@fresh-energy.org	Fresh Energy	Hamm Bldg., Suite 220 408 St. Peter Street St. Paul, MN 55102	Electronic Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Rolf	Nordstrom	rnordstrom@gpisd.net	Great Plains Institute	2801 21ST AVE S STE 220 Minneapolis, MN 55407-1229	Electronic Service	No	OFF_SL_14-162_M-14-162
Kate	O'Connell	kate.oconnell@state.mn.us	Department of Commerce	Suite 50085 Seventh Place East St. Paul, MN 551012198	Electronic Service	Yes	OFF_SL_14-162_M-14-162
Russell	Olson	N/A	Heartland Consumers Power District	PO Box 248 Madison, SD 570420248	Paper Service	No	OFF_SL_14-162_M-14-162
Elizabeth	Oppenheimer	lizopp@gmail.com		4225 41st Ave S Minneapolis, MN 55406	Electronic Service	No	OFF_SL_14-162_M-14-162
Thomas L.	Osteraas	bademail.tomosterass@excelsiorenergy.com	Excelsior Energy	150 South 5th Street Suite 2300 Minneapolis, MN 55402	Paper Service	No	OFF_SL_14-162_M-14-162
Carol A.	Overland	overland@legalelectric.org	Legalelectric - Overland Law Office	1110 West Avenue Red Wing, MN 55066	Electronic Service	No	OFF_SL_14-162_M-14-162
Nick	Paluck	nick.paluck@xcelenergy.com	Xcel Energy	7th Floor 414 Nicollet Mall Minneapolis, MN 554011993	Electronic Service	No	OFF_SL_14-162_M-14-162
Gerad	Paul	gpaul@minnkota.com	Minnkota Power Cooperative	1822 Mill Road Grand Forks, ND 58208-3200	Electronic Service	No	OFF_SL_14-162_M-14-162
Jeffrey C	Paulson	jeff.jcplaw@comcast.net	Paulson Law Office, Ltd.	7301 Ohms Ln Ste 325 Edina, MN 55439	Electronic Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
James	Pearson	james.g.pearson@xcelenergy.com	Xcel Energy	414 Nicollet Mall Minneapolis, MN 55401	Electronic Service	No	OFF_SL_14-162_M-14-162
Joshua	Pearson	joshua.pearson@edf-re.com	EDF Renewable Energy	15445 Innovation Drive San Diego, CA 92128	Electronic Service	No	OFF_SL_14-162_M-14-162
Mary Beth	Peranteau	mperanteau@wheelerlaw.com	Wheeler Van Sickle & Anderson SC	Suite 801 25 West Main Street Madison, WI 537033398	Electronic Service	No	OFF_SL_14-162_M-14-162
Donna	Pickard	dpickard@aladdinsolar.com	Aladdin Solar	1215 Lilac Lane Excelsior, MN 55331	Electronic Service	No	OFF_SL_14-162_M-14-162
Charlie	Pickard	cpickard@aladdinsolar.com	Aladdin Solar	1215 Lilac Lane Excelsior, MN 55331	Electronic Service	No	OFF_SL_14-162_M-14-162
William	Pickrell		North American Hydro	PO Box 167 116 State Street Neshkoro, WI 54941	Paper Service	No	OFF_SL_14-162_M-14-162
Julie	Pierce	jpierce@mnpower.com	Minnesota Power	30 W Superior St Duluth, MN 558022093	Electronic Service	No	OFF_SL_14-162_M-14-162
Marcia	Podratz	mpodratz@mnpower.com	Minnesota Power	30 W Superior S Duluth, MN 55802	Electronic Service	No	OFF_SL_14-162_M-14-162
Gayle	Prest	gayle.prest@minneapolismn.gov	City of Mpls Sustainability	350 South 5th St, #315 Minneapolis, MN 55415	Electronic Service	No	OFF_SL_14-162_M-14-162
Scott	Randall	scott@apexsolar.co	Apex Solar	1025 Minnesota Blvd SE St. Cloud, MN 56304	Electronic Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Mark	Rathbun	mrathbun@greenergy.com	Great River Energy	12300 Elm Creek Blvd Maple Grove, MN 55369	Electronic Service	No	OFF_SL_14-162_M-14-162
John C.	Reinhardt		Laura A. Reinhardt	3552 26Th Avenue South Minneapolis, MN 55406	Paper Service	No	OFF_SL_14-162_M-14-162
Kevin	Reuther	kreuther@mncenter.org	MN Center for Environmental Advocacy	26 E Exchange St, Ste 206 St. Paul, MN 551011667	Electronic Service	No	OFF_SL_14-162_M-14-162
Enio	Ricci	ericci@invenergyllc.com	Invenergy LLC	17830 New Hampshire Ave Ste 300 Ashton, MD 20861	Electronic Service	No	OFF_SL_14-162_M-14-162
Michelle	Rosier	michelle.rosier@sierraclub.org	Sierra Club	2327 E. Franklin Avenue Minneapolis, MN 554061024	Electronic Service	No	OFF_SL_14-162_M-14-162
Brian	Ross	bross@crplanning.com	CR Planning, Inc.	2634 Vincent Avenue North Minneapolis, MN 55411	Electronic Service	No	OFF_SL_14-162_M-14-162
Jesse	Royer	bademailjesse@rreal.org		2330 Dancing Wind Rd SW Ste 2 Pine River, MN 56474	Paper Service	No	OFF_SL_14-162_M-14-162
Craig	Rustad	crustad@minnkota.com	Minnkota Power	1822 Mill Road PO Box 13200 Grand Forks, ND 582083200	Electronic Service	No	OFF_SL_14-162_M-14-162
Robert K.	Sahr	bsahr@eastriver.coop	East River Electric Power Cooperative	P.O. Box 227 Madison, SD 57042	Electronic Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Eric	Sandeen	sandeen@sandeen.net		1722 Scheffer Ave Saint Paul, MN 55116	Electronic Service	No	OFF_SL_14-162_M-14-162
Richard	Savelkoul	rsavelkoul@martinsquires.com	Martin & Squires, P.A.	332 Minnesota Street Ste W2750 St. Paul, MN 55101	Electronic Service	No	OFF_SL_14-162_M-14-162
Larry L.	Schedin	Larry@LLSResources.com	LLS Resources, LLC	12 S 6th St Ste 1137 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-162_M-14-162
Michelle	Schroeder	sustainableike@hotmail.com		601 Ridgewood Ave., #103 Minneapolis, MN 55403	Electronic Service	No	OFF_SL_14-162_M-14-162
Matthew J.	Schuerger P.E.	mjsreg@earthlink.net	Energy Systems Consulting Services, LLC	PO Box 16129 St. Paul, MN 55116	Electronic Service	No	OFF_SL_14-162_M-14-162
Kevin	Schwain	Kevin.D.Schwain@xcelenergy.com	Xcel Energy	404 Nicollet Mall Minneapolis, MN 55401	Electronic Service	No	OFF_SL_14-162_M-14-162
Dean	Sedgwick	N/A	Itasca Power Company	PO Box 457 Bigfork, MN 56628-0457	Paper Service	No	OFF_SL_14-162_M-14-162
Steve	Seidl	N/A	EnerChange	23505 Smithtown Rd Ste 280 Shorewood, MN 55331	Paper Service	No	OFF_SL_14-162_M-14-162
Nicole	Severson	nicole.severson9@gmail.com		2900 James Ave S Apt B Minneapolis, mn 55408	Electronic Service	No	OFF_SL_14-162_M-14-162
Janet	Shaddix Elling	jshaddix@janetshaddix.com	Shaddix And Associates	Ste 122 9100 W Bloomington Frwy Bloomington, MN 55431	Electronic Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Gary	Shaver	N/A	Silicon Energy	3506 124th St NE Marysville, WA 98271	Paper Service	No	OFF_SL_14-162_M-14-162
Erin	Shea	eshea@silicon-energy.com	Silicon Energy	PO Box 376 8787 Silicon Way Mt Iron, MN 55768	Electronic Service	No	OFF_SL_14-162_M-14-162
Doug	Shoemaker	dougs@mnRenewables.org	MRES	2928 5th Ave S Minneapolis, MN 55408	Electronic Service	No	OFF_SL_14-162_M-14-162
Mrg	Simon	mrgsimon@mrenergy.com	Missouri River Energy Services	3724 W. Avera Drive P.O. Box 88920 Sioux Falls, SD 571098920	Electronic Service	No	OFF_SL_14-162_M-14-162
Ken	Smith	ken.smith@districtenergy.com	District Energy St. Paul Inc.	76 W Kellogg Blvd St. Paul, MN 55102	Electronic Service	No	OFF_SL_14-162_M-14-162
Beth H.	Soholt	bsoholt@windonthewires.org	Wind on the Wires	570 Asbury Street Suite 201 St. Paul, MN 55104	Electronic Service	No	OFF_SL_14-162_M-14-162
Previn	Solberg	psolberg1@msn.com		11981 Midway St NE Blaine, MN 55449	Electronic Service	No	OFF_SL_14-162_M-14-162
Ron	Spangler, Jr.	rlspangler@otpc.com	Otter Tail Power Company	215 So. Cascade St. PO Box 496 Fergus Falls, MN 565380496	Electronic Service	No	OFF_SL_14-162_M-14-162
Sean	Stalpes	sean.stalpes@state.mn.us	Public Utilities Commission	121 E. 7th Place, Suite 350 Saint Paul, MN 55101-2147	Electronic Service	Yes	OFF_SL_14-162_M-14-162
Byron E.	Starns	byron.starns@leonard.com	Leonard Street and Deinard	150 South 5th Street Suite 2300 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Erin	Stojan Ruccolo	ruccolo@fresh-energy.org	Fresh Energy	408 Saint Peter St Ste 220 Saint Paul, MN 55102-1125	Electronic Service	No	OFF_SL_14-162_M-14-162
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	OFF_SL_14-162_M-14-162
Deb	Sundin	deb.sundin@xcelenergy.com	Xcel Energy	414 Nicollet Mall Minneapolis, MN 55401	Electronic Service	No	OFF_SL_14-162_M-14-162
Eric	Swanson	eswanson@winthrop.com	Winthrop Weinstine	225 S 6th St Ste 3500 Capella Tower Minneapolis, MN 554024629	Electronic Service	No	OFF_SL_14-162_M-14-162
Sheila	Sweeney	sheilasweeney@mac.com		1559 Fairmount Ave Saint Paul, MN 55105	Paper Service	No	OFF_SL_14-162_M-14-162
Thomas P.	Sweeney III	tom.sweeney@easycleanenergy.com	Clean Energy Collective	P O Box 1828 Boulder, CO 80306-1828	Electronic Service	No	OFF_SL_14-162_M-14-162
Randy	Synsteliën	rsynsteliën@otpc.com	Otter Tail Power Company	215 S Cascade St Fergus Falls, MN 56537	Electronic Service	No	OFF_SL_14-162_M-14-162
Richard	Szydlowski	rszydlowski@mncee.org	Center for Energy & Environment	212 3rd Ave N Ste 560 Minneapolis, MN 55401-1459	Electronic Service	No	OFF_SL_14-162_M-14-162
Michael	T'Kach	MTKach@enerchange.org	EnerChange.Org	2642 Irving Ave S Minneapolis, MN 55408	Electronic Service	No	OFF_SL_14-162_M-14-162
Craig	Tarr, PE	ctarr@energyconcepts.us	energy concepts	2349 Willis Niller Dr Hudson, WI 54016	Electronic Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Darryl	Thayer	darylsolar1@gmail.com	DTRenewables LLC	1850 Walnut Apt 4 Lauderdale, MN 55113	Electronic Service	No	OFF_SL_14-162_M-14-162
Steve	Thompson	stevet@cmmpa.org	Central Minnesota Municipal Power Agency	459 S Grove St Blue Earth, MN 56013-2629	Electronic Service	No	OFF_SL_14-162_M-14-162
David	Thornton	J.David.Thornton@state.mn.us	MN Pollution Control Agency	520 Lafayette Road St. Paul, MN 55101	Electronic Service	No	OFF_SL_14-162_M-14-162
Douglas	Tiffany	tiffa002@umn.edu	University of Minnesota	316d Ruttan Hall 1994 Buford Avenue St. Paul, MN 55108	Electronic Service	No	OFF_SL_14-162_M-14-162
Greg	Topel	N/A	International Brotherhood of Electrical Workers	503 E 16th St Hibbing, MN 55746	Paper Service	No	OFF_SL_14-162_M-14-162
Pat	Treseler	pat.jcplaw@comcast.net	Paulson Law Office LTD	Suite 325 7301 Ohms Lane Edina, MN 55439	Electronic Service	No	OFF_SL_14-162_M-14-162
Lise	Trudeau	lise.trudeau@state.mn.us	Department of Commerce	85 7th Place East Suite 500 Saint Paul, MN 55101	Electronic Service	Yes	OFF_SL_14-162_M-14-162
Darryl	Tveitbakk		Northern Municipal Power Agency	123 Second Street West Thief River Falls, MN 56701	Paper Service	No	OFF_SL_14-162_M-14-162
Mouli	Vaidyanathan	mouli@mouliengg.com		655 Lexie Court Eagan, MN 55123	Electronic Service	No	OFF_SL_14-162_M-14-162
Kari L	Valley	kari.l.valley@xcelenergy.com	Xcel Energy Service Inc.	414 Nicollet Mall FL 5 Minneapolis, MN 55401	Electronic Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Lisa	Veith	lisa.veith@ci.stpaul.mn.us	City of St. Paul	400 City Hall and Courthouse 15 West Kellogg Blvd. St. Paul, MN 55102	Electronic Service	No	OFF_SL_14-162_M-14-162
Sam	Villella	sdvillella@gmail.com		10534 Alamo Street NE Blaine, MN 55449	Electronic Service	No	OFF_SL_14-162_M-14-162
Gracie	Walovich	gracie@allianceforsolarchoice.com	The Alliance for Solar Choice	595 Market St FL 29 San Francisco, CA 94105	Electronic Service	No	OFF_SL_14-162_M-14-162
Roger	Warehime	warehimer@owatonnautilities.com	Owatonna Public Utilities	208 South WalnutPO Box 800 Owatonna, MN 55060	Electronic Service	No	OFF_SL_14-162_M-14-162
Gary	Waryan	garywaryan@gmail.com		3329 Girard Ave S Minneapolis, MN 55408	Electronic Service	No	OFF_SL_14-162_M-14-162
Carol	Westergard	cwestergard@otpc.com	Otter Tail Power Company	215 S Cascade St Fergus Falls, MN 56537	Electronic Service	No	OFF_SL_14-162_M-14-162
Paul	White	paul.white@prcwind.com	Project Resources Corp./Tamarac Line LLC/Ridgewind	618 2nd Ave SE Minneapolis, MN 55414	Electronic Service	No	OFF_SL_14-162_M-14-162
Scott M.	Wilensky	scott.wilensky@xcelenergy.com	Xcel Energy	7th Floor 414 Nicollet Mall Minneapolis, MN 554011993	Electronic Service	No	OFF_SL_14-162_M-14-162
Samantha	Williams	swilliams@nrdc.org	Natural Resources Defense Council	20 N. Wacker Drive Ste 1600 Chicago, IL 60606	Electronic Service	No	OFF_SL_14-162_M-14-162
Daniel	Williams	DanWilliams.mg@gmail.com	Powerfully Green	11451 Oregon Avenue N Champlin, MN 55316	Electronic Service	No	OFF_SL_14-162_M-14-162

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Steven	Wishart	steven.w.wishart@xcelenergy.com	Xcel Energy	7th Floor 414 Nicollet Mall Minneapolis, MN 554011993	Electronic Service	No	OFF_SL_14-162_M-14-162
Robyn	Woeste	robynwoeste@alliantenergy.com	Interstate Power and Light Company	200 First St SE Cedar Rapids, IA 52401	Electronic Service	No	OFF_SL_14-162_M-14-162
Aaron	Wood	outcoldcrow@gmail.com	Sundial Solar	350 18th Ave N Hopkins, MN 55343	Electronic Service	No	OFF_SL_14-162_M-14-162
Thomas J.	Zaremba	TZaremba@wheelerlaw.com	WHEELER, VAN SICKLE & ANDERSON	Suite 801 25 West Main Street Madison, WI 537033398	Electronic Service	No	OFF_SL_14-162_M-14-162
Jonathan G.	Zierdt	N/A	Greater Mankato Growth	1961 Premier Dr Ste 100 Mankato, MN 56001	Paper Service	No	OFF_SL_14-162_M-14-162
Patrick	Zomer	Patrick.Zomer@lawmoss.com	Moss & Barnett a Professional Association	150 S. 5th Street, #1200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-162_M-14-162