

April 2, 2015

VIA ELECTRONIC FILING

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

Re: Comments

Community Solar Garden Program Docket No. E002/M-13-867

Dear Dr. Haar.

SunShare respectfully submits the attached *Comments by SunShare, LLC* in response to the Commission's March 13, 2015 Notice of Comment Period filed in the above-mentioned docket.

Please do not hesitate to contact me if you have any questions.

Sincerely,

s/ Ross Abbey
Ross Abbey

SunShare, LLC
Director of Business Development and
Government Affairs – Minnesota

609 S. 10th Street, Suite 210 Minneapolis, MN 55404 (612) 345-8881 ross@mysunshare.com

On behalf of SunShare, LLC

Cc: Appended Service List

STATE OF MINNESOTA PUBLIC UTILITIES COMMISSION

Beverly Jones Heydinger Chair

Nancy LangeCommissionerDan LipschultzCommissionerJohn TumaCommissionerBetsy WerginCommissioner

April 2, 2015

In the Matter of the Petition of Northern States Power Company, dba Xcel Energy, for Approval of Its Proposed Community Solar Garden Program Docket No. E002/M-13-867

COMMENTS BY SUNSHARE, LLC

SunShare, LLC respectfully submits these Comments in response to the Commission's March 13, 2015 Notice of Comment Period in this docket.

1) Replies to Any Comments Filed in the Docket To-Date

SunShare thanks the Commission for an additional opportunity to comment on the many topics raised by SunShare, Xcel Energy, the Office of the Attorney General, and other stakeholders over the last six weeks.

As in February, SunShare continues to request prompt Commission action to address many urgent outstanding issues with Xcel's implementation of its Community Solar Garden program, including but not limited to the issues reiterated below.¹ As stated in our May 2 Reply Comments, we believe that residential subscriber sales efforts are being hindered by uncertainty generated by these and other outstanding issues.²

- a. The Commission should issue an interim CSG interconnection order if needed to keep the program moving forward.³
- b. Xcel should not be able to unilaterally terminate CSG interconnection requests or "refer" them to MISO.4

¹ SunShare Feb. 24, 2015 Comments, 13-867, at 2 (urging prompt Commission action "to ensure the success of the CSG program and support the many small businesses like ours seeking to build Community Solar Gardens in 2015 based on the Commission's September 2014 Order.").

² May 2 Reply Comments, at 2 ("In our experience, residential customers typically expect near-term project construction and commissioning before they are willing to sign a Community Solar subscriber agreement. Yet it would be irresponsible to promise service dates for thousands of residential customers before we have more clarity on the outstanding issue related to CSG interconnection.")

³ SunShare Mar. 4, 2015 Comments at 4.

⁴ SunShare Feb. 24, 2015 Comments, 13-867, at 2-3.

We recognize and thank Xcel Energy for its March 4 commitment to continue to move projects through its Section 10 interconnection review process, regardless of whether interconnection applications may require transmission system impact reviews.⁵

c. Xcel should coordinate with MISO regarding affected system studies and should only require such studies if they are actually justified from an engineering perspective.⁶

In recent weeks, Xcel has shown a willingness to discuss the potential outline of an Xcel-MISO process with SunShare and other stakeholders. We will notify the Commission if and when Xcel provides a workable, concrete solution regarding this concern.

d. Xcel should develop a pre-screen or feasibility study process to improve the transparency and efficiency of the CSG interconnection process.⁷

In recent weeks, Xcel has suggested a possible way forward on this request. We will notify the Commission if and when Xcel provides a workable, concrete solution regarding this concern.

- e. CSG developers should be able to transfer a CSG site location once, as in Colorado, without Xcel revoking a project's completeness status (i.e., in response to Xcel's concerns regarding over-concentration).8
- f. Xcel should clarify when the Section 10 six-month validity clock starts and stops and to which categories of Section 10 application the six-month validity clock applies.⁹
- g. The Commission should reject Xcel's request for reconsideration of the CSG site definition rule, and, if any changes are made, should grandfather in co-located S*RC applications already received.¹⁰
- h. Xcel should not deny reasonable requests to assign deposit returns to third-party lenders.

In recent days, Xcel has engaged the S*RC Implementation Workgroup in a discussion regarding this issue. ¹¹ We will notify the Commission if and when Xcel provides a workable, concrete solution regarding this concern.

Going forward, we believe there may also be a need to develop a structural solution (e.g., incentives and penalties) to encourage and allow for rapid interconnection of distributed solar. As such, we welcome comments by the company and other stakeholders to achieve better alignment between Xcel Energy and applicants for Community Solar Garden interconnection.

⁵ Xcel Energy Mar. 4, 2015 Reply Comments, 13-867, at 12 ("CSG projects will remain in the Xcel Energy Section 10 interconnection review process, even where an interconnection application may require additional review for transmission system impacts by MISO.").

⁶ SunShare Feb. 24, 2015 Comments at 3.

⁷ SunShare Feb. 24, 2015 Comments at 4-5; SunShare Mar. 4 Reply Comments at 2.

⁸ SunShare Feb. 24, 2015 Comments at 5-6; SunShare Mar. 4 Reply Comments at 2.

⁹ SunShare Feb. 24, 2015 Comments at 6-7.

¹⁰ SunShare Feb. 24, 2015 Comments at 8.

¹¹ *Id.* at 6.

¹² See SunShare Feb. 24, 2015 Comments, 13-867, at 2.

2) <u>Issues on Which the Commission Sought Comments in Its Notices Issues October 9, 2014 and January 28, 2015 in This Docket</u>

SunShare provided in-depth comments on these rate-related matters in our March 2, 2015 Comments. We encouraged the Commission to preserve the higher bill-credit rate for residential customers to encourage CSG developers to sign up residential customers if it adopts a CSG VOS rate. The Commission could also use a VOS adder as a "fine-tuning knob" to guide project sizes and locations. The Commission could also use a VOS adder as a "fine-tuning knob" to guide project sizes and locations.

We look forward to reviewing other stakeholders' comments and providing additional information in our forthcoming Reply Comments.

3) Whether and When There Should Be a Transfer from the Applicable Retail Rate (ARR) to the Value of Solar (VOS) Rate as the Bill Credit for Community Solar Gardens (CSGs) and Whether an Adder is Necessary to Provide a Rate that Will Reasonably Allow for the Creation, Financing, and Accessibility of Solar Gardens

SunShare provided our initial comments on these issues in our March 2, 2015 Comments:

SunShare believes that the current CSG rate structure is working well, and that the Commission should retain this default rate structure for at least the first two years of Xcel's new Solar*Rewards Community program. Given the significant number of unresolved implementation issues already facing S*RC program applicants, a rate transition in 2015 or the first half of 2016 would likely introduce additional financial complexity and business-transition costs that would be unhelpful during the program's first 18 months. 15

That said, we are looking forward to reviewing other stakeholders' comments and submitting reply comments before the April 30 deadline.

Very truly yours,

/s/ Ross Abbey
Ross Abbey

SunShare, LLC Director of Business Development and Government Affairs – Minnesota

609 S. 10th Street, Suite 210 Minneapolis, MN 55404 (612) 345-8331 ross@mysunshare.com

On behalf of SunShare, LLC

¹³ SunShare Mar. 2, 2015 Reply Comments, 13-867, at 2-3.

¹⁴ Note that the Commission is prevented by statute from charging a VOS lower than the ARR for at least three years after the Commission first approved the VOS methodology. SunShare Mar. 2, 2015 Reply Comments at 6, *citing* Minn. Stat. § 216B.164, subdivision 10.

¹⁵ SunShare Mar. 2, 2015 Reply Comments at 6.

CERTIFICATE OF SERVICE

I, Ross Abbey, hereby certify that on April 2, 2015, I served copies of the following document on the attached list of persons by electronic filing, certified mail, or by depositing a true and correct copy thereof properly enveloped with postage paid in the United States Mail at St. Paul, Minnesota.

Comments by SunShare LLC

Docket No. E002/M-13-867

Certified this 2nd day of April, 2015

s/ Ross Abbey
Ross Abbey

SunShare, LLC
Director of Business Development and
Government Affairs – Minnesota

609 S. 10th Street, Suite 210 Minneapolis, MN 55404 (612) 345-8881 ross@mysunshare.com

On behalf of SunShare, LLC

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	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Michael	Allen	michael.allen@allenergysol ar.com	All Energy Solar	721 W 26th st Suite 211 Minneapolis, Minnesota 55405	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Julia	Anderson	Julia.Anderson@ag.state.m n.us	Office of the Attorney General-DOC	1800 BRM Tower 445 Minnesota St St. Paul, MN 551012134	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Kenneth	Bradley	kbradley1965@gmail.com		2837 Emerson Ave S Apt CW112 Minneapolis, MN 55408	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Michael J.	Bull	mbull@mncee.org	Center for Energy and Environment	212 Third Ave N Ste 560 Minneapolis, MN 55401	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
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- 867_Community Solar Garden - Xcel
Joel	Cannon	jcannon@tenksolar.com	Tenk Solar, Inc.	9549 Penn Avenue S Bloomington, MN 55431	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
John J.	Carroll	jcarroll@newportpartners.c om	Newport Partners, LLC	9 Cushing, Suite 200 Irvine, California 92618	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Arthur	Crowell	Crowell.arthur@yahoo.com	A Work of Art Landscapes	234 Jackson Ave N Hopkins, MN 55343	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Dustin	Denison	dustin@appliedenergyinno vations.org	Applied Energy Innovations	4000 Minnehaha Ave S Minneapolis, MN 55406	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
James	Denniston	james.r.denniston@xcelen ergy.com	Xcel Energy Services, Inc.	414 Nicollet Mall, Fifth Floor Minneapolis, MN 55401	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
lan	Dobson	ian.dobson@ag.state.mn.u s	Office of the Attorney General-RUD	Antitrust and Utilities Division 445 Minnesota Street, BRM Tower St. Paul, MN 55101	Electronic Service 1400	Yes	SPL_SL_13- 867_Community Solar Garden - Xcel
Bill	Droessler	bdroessler@iwla.org	Izaak Walton League of America-MWO	1619 Dayton Ave Ste 202 Saint Paul, MN 55104	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Betsy	Engelking	betsy@geronimoenergy.co m	Geronimo Energy	7650 Edinborough Way Suite 725 Edina, MN 55435	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
John	Farrell	jfarrell@ilsr.org	Institute for Local Self-Reliance	1313 5th St SE #303 Minneapolis, MN 55414	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
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- 867_Community Solar Garden - Xcel
Nathan	Franzen	nathan@geronimoenergy.c om	Geronimo Energy	7650 Edinborough Way Suite 725 Edina, MN 55435	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Hal	Galvin	halgalvin@comcast.net	Provectus Energy Development llc	1936 Kenwood Parkway Minneapolis, MN 55405	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
imothy	Gulden	info@winonarenewableene rgy.com	Winona Renewable Energy, LLC	1449 Ridgewood Dr Winona, MN 55987	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Lynn	Hinkle	lhinkle@mnseia.org	Minnesota Solar Energy Industries Association	2512 33rd Ave South #2 Minneapolis, MN 55406	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Jan	Hubbard	jan.hubbard@comcast.net		7730 Mississippi Lane Brooklyn Park, MN 55444	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Tiffany	Hughes	Regulatory.Records@xcele nergy.com	Xcel Energy	414 Nicollet Mall FL 7 Minneapolis, MN 554011993	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
John S.	Jaffray	jjaffray@jjrpower.com	JJR Power	350 Highway 7 Suite 236 Excelsior, MN 55331	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Eric	Jensen	ejensen@iwla.org	Izaak Walton League of America	Suite 202 1619 Dayton Avenue St. Paul, MN 55104	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Michael	Kampmeyer	mkampmeyer@a-e- group.com	AEG Group, LLC	260 Salem Church Road Sunfish Lake, Minnesota 55118	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Brad	Klein	bklein@elpc.org	Environmental Law & Policy Center	35 E. Wacker Drive, Suite 1600 Suite 1600 Chicago, IL 60601	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
John	Kluempke	jwkluempke@winlectric.co m	Elk River Winlectric	12777 Meadowvale Rd Elk River, MN 55330	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Jon	Kramer	jk2surf@aol.com	Sundial Solar	4708 york ave. S Minneapolis, MN 55410	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Rebecca	Lundberg	rebecca.lundberg@powerfu llygreen.com	Powerfully Green	11451 Oregon Ave N Champlin, MN 55316	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Casey	MacCallum	casey@appliedenergyinnov ations.org	Applied Energy Innovations	4000 Minnehaha Ave S Minneapolis, MN 55406	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Erica	McConnell	emcconnell@kfwlaw.com	Keyes, Fox & Wiedman LLP	436 14th Street, Suite 1305 Oakland, California 94612	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Thomas	Melone	Thomas.Melone@AllcoUS.com	Minnesota Go Solar LLC	222 South 9th Street Suite 1600 Minneapolis, Minnesota 55120	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Andrew	Moratzka	apmoratzka@stoel.com	Stoel Rives LLP	33 South Sixth Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Martin	Morud	mmorud@trunorthsolar.co m	Tru North Solar	5115 45th Ave S Minneapolis, MN 55417	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Rolf	Nordstrom	rnordstrom@gpisd.net	Great Plains Institute	2801 21ST AVE S STE 220 Minneapolis, MN 55407-1229	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Jeffrey C	Paulson	jeff.jcplaw@comcast.net	Paulson Law Office, Ltd.	7301 Ohms Ln Ste 325 Edina, MN 55439	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Donna	Pickard	dpickard@aladdinsolar.co m	Aladdin Solar	1215 Lilac Lane Excelsior, MN 55331	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Gayle	Prest	gayle.prest@minneapolism n.gov	City of Mpls Sustainability	350 South 5th St, #315 Minneapolis, MN 55415	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Dan	Rogers	drogers@sunedison.com	SunEdison	N/A	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Matthew J.	Schuerger P.E.	mjsreg@earthlink.net	Energy Systems Consulting Services, LLC	PO Box 16129 St. Paul, MN 55116	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Doug	Shoemaker	dougs@mnRenewables.or g	MRES	2928 5th Ave S Minneapolis, MN 55408	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Eric	Swanson	eswanson@winthrop.com	Winthrop Weinstine	225 S 6th St Ste 3500 Capella Tower Minneapolis, MN 554024629	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Thomas P.	Sweeney III	tom.sweeney@easycleane nergy.com	Clean Energy Collective	P O Box 1828 Boulder, CO 80306-1828	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Pat	Treseler	pat.jcplaw@comcast.net	Paulson Law Office LTD	Suite 325 7301 Ohms Lane Edina, MN 55439	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel
Daniel	Williams	DanWilliams.mg@gmail.co m	Powerfully Green	11451 Oregon Avenue N Champlin, MN 55316	Electronic Service	No	SPL_SL_13- 867_Community Solar Garden - Xcel