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August 13, 2013

Dr. Burl W. Haar  
Executive Secretary  
Minnesota Public Utilities Commission  
121 Seventh Place East, Suite 350  
St. Paul, MN 55101-2147

**PUBLIC DOCUMENT – TRADE  
SECRET DATA HAS BEEN EXCISED**

**Re: In the Matter of the Implementation of Solar Energy Standards Pursuant to 2013  
Amendments to Minnesota Statutes, Section 216B.1691  
MPUC Docket No. E999/CI-13-542  
Informational Filing**

Dear Dr. Haar:

Otter Tail Power Company (“Otter Tail”) respectfully submits this informational filing in response to the July 25, 2013, Notice of Request for Filings from Electric Utilities on Customers Excluded from the Solar Energy Standards and Opportunity to Comment on Filings issued by the Minnesota Public Utilities Commission (“Commission”) in the above-captioned matter.

Otter Tail has electronically filed this document with the Commission and has served a copy on all persons on the attached special service list. A Certificate of Service is also enclosed.

Please contact me at (218) 739-8417 or [bhdraxten@otpc.com](mailto:bhdraxten@otpc.com) if you have any questions.

Sincerely,

*/s/ BRIAN DRAXTEN*  
Brian Draxten  
Manager Resource Planning

wao  
Enclosures  
By electronic filing  
c: Service List

**STATE OF MINNESOTA  
BEFORE THE  
MINNESOTA PUBLIC UTILITIES COMMISSION**

In the Matter of the Implementation of Solar  
Energy Standards Pursuant to 2013  
Amendments to Minnesota Statutes, Section  
216B.1691

Docket No. E-999/CI-13-542

**OTTER TAIL POWER COMPANY'S  
FILING ON CUSTOMERS EXCLUDED  
FROM THE SOLAR ENERGY  
STANDARD**

**I. INTRODUCTION AND BACKGROUND**

On July 25, 2013 the Minnesota Public Utilities Commission (“Commission”) issued its request for filing in the above-captioned matter. The Commission’s request for filings included a list of required information and Topics Open for Comment in the Matter of the Implementation of Solar Energy Standards (“SES”) Pursuant to 2013 Amendments to Minnesota Statute, Section 216B.1691. The initial comment due date is August 15, 2013 with Reply Comments due August 29, 2013. Otter Tail Power Company (“Otter Tail” or the “Company”) submits the requested information and comments in this matter.

**II. REQUESTED INFORMATION**

Attachment 1 provides the information requested in Parts 1-6 in the Notice. The customers to be excluded were identified by polling the Company’s industrial customer representatives for a list of customers who, in their opinion, would qualify based on the language in the legislation. The language describing customers that are eligible for SES exclusion could be interpreted more narrowly or more broadly which would result in a smaller or larger group of excluded customers respectively. Until customers have had an opportunity to consider whether the nature and scope of their operations fit within the exclusions, a comprehensive list of all excluded customers cannot be completed.

**III. HAVE UTILITIES PROVIDED REASONABLE ESTIMATES OF SES OBLIGATIONS?**

Otter Tail believes its estimate of its SES obligation is reasonable based on the customer group it has excluded from the SES calculation. As noted above, it has not yet been possible to identify all customers that may qualify for the exclusion and therefore Otter Tail's current SES obligation estimate is preliminary.

**IV. SHOULD COMMISSION ESTABLISH CRITERIA TO BE USED BY UTILITIES IN DETERMINING CUSTOMER EXCLUSIONS SUCH AS KW DEMAND, KWH USAGE, NAICS CODES?**

Size limitations such as kW demand or kWh usage should not be used in determining customer exemptions. Such limitations are not included in the new legislation. Also, attempting to set such limitations would likely result in unintended negative consequences, such as the creation of a competitive advantage for the larger companies who qualify for the exemption versus the smaller customers who would not qualify for the exemption. The use of NAICS codes may be a useful tool in determining which customers would qualify for the SES exemption.

**V. SHOULD THE COMMISSION ESTABLISH PROCEDURES AND/OR REQUIRE UTILITIES TO FILE TARIFFS RELATING TO CUSTOMER EXCLUSIONS WHICH ADDRESS VERIFICATION PROCEDURES, REPORTING REQUIREMENTS, CUSTOMER PETITIONS, OR OTHER RELATED ISSUES?**

First, it is Otter Tail's belief that it should be the customer's responsibility to request an exemption from the SES obligation. The Company would be responsible to notify all Minnesota commercial and industrial customers that the possibility for an exemption exists but that they must apply for the exemption from some legislative or regulatory body.

The Company will need to file program descriptions, tariffs, and reporting requirements at the time it files solar-related programs with the Commission.

Dated: August 13, 2013

Respectfully submitted,

OTTER TAIL POWER COMPANY

By: /s/ BRIAN DRAXTEN

Brian Draxten

Manager, Resource Planning

Otter Tail Power Company

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By: /s/ BRUCE GERHARDSON

Bruce Gerhardson

Associate General Counsel

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**Otter Tail Power Company**  
**Docket No. E-999/CI-13-542**  
**Solar Energy Standard (SES) Information**

LINE NO.	2012 MN kWh SALES	2012 MN CUSTOMER COUNT
1 Residential	543,142,418	48,490
2 Commerical	300,881,404	10,989
3 Industrial	1,200,238,921	782
4 Other	28,717,628	384
5 Total Retail Sales	<u>2,072,980,371</u>	<u>60,645</u>
6 Wholesale - Newfolden, MN	2,331,148	1)
7 Wholesale - Neilsville, MN	68,684	1)
8 Wholesale - Shelly, MN	651,671	1)
9 Sales reported in E-999/PR-13-186	<u>2,076,031,874</u>	(Sum lines 5-8)
10 1.5% of retail electric sales	<u>31,094,706</u>	(Line 5 X .015)
11 10% of the 1.5% goal	<u>3,109,471</u>	(Line 10 X .1)
12 KWh of customers exluded from SES	<u>69,181,727</u>	2)
13 Retail Sales subject to SES	<u>2,003,798,644</u>	(Line 5 - Line 12)
14 1.5% of retail sales	<u>30,056,980</u>	(Line 13 X .015)
15 10% of the 1.5% of retail sales	<u>3,005,698</u>	(Line 14 X .1)

1) Certain wholesale sales are required to be reported in Docket No. E-999/PR-13-186.

2) See next page for customer list.

**Otter Tail Power Company  
Docket No. E-999/CI-13-542  
Solar Energy Standard (SES) Information**

Customers excluded from SES	2012 MINNESOTA kWh SALES	STATUTORY CATEGORY	2012 MAXIMUM KW DEMAND
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[TRADE SECRET DATA BEGINS...

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...TRADE SECRET DATA ENDS]

10	Total excluded from Solar Energy Standards (SES)	<u>69,181,727</u>
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**Estimate of 2020 Retail Sales and SES**

11	Estimated 2020 MN Retail Sales	2,746,000,000	Source: OTP 2012 Baseload Diversification Study
12	1.5% of retail sales	<u>41,190,000</u>	(Line 11 X .015)
13	10% of the 1.5% goal	<u>4,119,000</u>	(Line 12 X .1)
14	Estimated 2020 kWh of customers excluded from SES	<u>91,642,461</u>	Assumed same growth rate as MN retail sales
15	Estimated 2020 retail sales after exclusion	2,654,357,539	(Line 1 - Line 14)
16	1.5% of retail sales	<u>39,815,363</u>	(Line 15 X .015)
17	10% of the 1.5% goal	<u>3,981,536</u>	(Line 16 X .1)

## CERTIFICATE OF SERVICE

**Re: In the Matter of the Implementation of Solar Energy Standards Pursuant to 2013 Amendments to Minnesota Statutes, Section 216B.1691  
MPUC Docket No. E999/CI-13-542**

I, Wendi A. Olson, hereby certify that I have this day served a copy of the following, or a summary thereof, on Dr. Burl W. Haar and Sharon Ferguson by e-filing, and to all other persons on the attached service list by electronic service or by First Class mail.

**Otter Tail Power Company  
Informational Filing**

Dated this **13th** day of **August 2013**.

*/s/ WENDIA. OLSON*

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Wendi A. Olson  
Regulatory Filing Coordinator  
Otter Tail Power Company  
215 South Cascade Street  
Fergus Falls MN 56537  
(218) 739-8699

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
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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

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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
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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

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Holly	Hinman	holly.r.hinman@xcelenergy.com	Xcel Energy	414 Nicollet Mall, 6th Floor  Minneapolis, MN 55401	Electronic Service	No	SPL_SL_13-542_Interested Parties
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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
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First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
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First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
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James	Pearson	N/A	Xcel Energy	414 Nicollet Mall  Minneapolis, MN 55401	Paper Service	No	SPL_SL_13- 542_Interested Parties
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Donna	Pickard	dpickard@aladdinsolar.com	Aladdin Solar	1215 Lilac Lane  Excelsior, MN 55331	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
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
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Matthew J.	Schuerger P.E.	mjspan@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
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First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
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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
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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

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
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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