



414 Nicollet Mall  
Minneapolis, MN 55401

June 2, 2014

—VIA ELECTRONIC FILING—

Dr. Burl W. Haar  
Executive Secretary  
Minnesota Public Utilities Commission  
121 7<sup>th</sup> Place East, Suite 350  
St. Paul, Minnesota 55101-2147

RE: REO-RES COMPLIANCE REPORT

COMMISSION CONSIDERATION AND DETERMINATION ON COMPLIANCE WITH  
RENEWABLE ENERGY STANDARDS  
DOCKET NO. E999/M -14-237

RENEWABLE ENERGY CERTIFICATE RETIREMENT AND REPORTING FOR  
COMPLIANCE YEAR 2013  
DOCKET NO. E999/PR-14-12

GREEN PRICING VERIFICATION FILING PROCESS  
DOCKET NO. E999/PR-02-1240

Dear Dr. Haar:

Northern States Power Company, a Minnesota corporation submits the attached compliance report to fulfill the verification and filing requirements for the Renewable Energy Standards (RES) REC retirement and Green Pricing REC retirement along with the RES biennial filing required by Minn. Stat. § 216B.1691, Subd. 2a(b).

This filing is made pursuant to the Minnesota Public Utilities Commission's April 17, 2014 NOTICE OF RENEWABLE ENERGY CERTIFICATE (REC) RETIREMENT PROCESS, BIENNIAL REPORTING OBLIGATIONS, AND GREEN PRICING PROGRAM RETIREMENT, which combined the above-referenced matters, and the Commission's April 17, 2014 NOTICE OF BIENNIAL FILING OBLIGATIONS, which established Docket No. E999/M-14-237. We have provided the required information in the Excel spreadsheet

templates provided. Attachment A contains REC retirements and Biennial reporting obligations and Attachment B contains REC sales and purchases.

Attachment B contains certain portions that have been designated as Trade Secret information pursuant to Minnesota Statute § 13.37, subd. 1(b). In particular, the information designated as Trade Secret derives independent economic value, actual or potential, 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.

### **REC Retirement**

By May 1, 2014, the Company retired approximately 5.6 million RECs representing 18 percent of annual retail sales for calendar year 2013 using the Midwest Renewable Energy Tracking System (M-RETS). The Company is therefore in compliance with the Commission's March 19, 2010 Order in Docket No. E999/CI-03-869. The Company included the wholesale power sales that were made to a distribution utility for distribution to that utility's retail customers in the calculation of our renewable energy standard, except in the case the distribution utility was itself subject to the requirements of the renewable energy standard.

In addition, the Company retired approximately 160,000 RECs for our green pricing program, Windsource, by May 1, 2014.

The required information specified in the Notice and the May 28, 2013 ORDER FINDING UTILITIES IN COMPLIANCE WITH MINN. STAT. § 216B.1691 AND MODIFYING BIENNIAL REPORTING PROCEDURES in Docket No. E999/M-12-958, including the RES calculations, the RECs retired and the names of the M-RETS retirement sub-accounts, is provided in Attachments A and B.

As noted in Attachment B.2, we did not buy or sell any RECs during 2013 to comply with the Company's renewable energy objective or standard. The Company does, however, purchase RECs for our Windsource program and has included those purchases in Attachment B.2.

### **Biennial REO-RES Compliance**

This report provides the Company's actual retail sales data from 2013 and forecast retail sales data from 2014 – 2016, generation data summary for this reporting period, actions taken to address the RES requirements, and a discussion of potential obstacles to meeting our requirements and solutions to the same.

For the purposes of this filing, we define the total NSP system to be NSP-MN and NSP-WI; i.e. the Northern States Power Company system. This means the system data includes information for the states of Minnesota, Wisconsin, North Dakota, South Dakota and Michigan.

Pursuant to Minn. Stat. § 216.17, subd. 3, we have electronically filed this document and served copies on all parties on the attached service list. If you have any questions about this information, please contact me at [paul.lehman@xcelenergy.com](mailto:paul.lehman@xcelenergy.com) or (612) 330-7529.

Sincerely,

/s/

PAUL J LEHMAN  
MANAGER, REGULATORY COMPLIANCE & FILINGS

Attachment  
c: Service Lists







DOCKET NO. E999/PR-14-12 (continued)  
 DOCKET NO. E999/PR-14-237 (continued)  
 DOCKET NO. E999/PR-02-1240 (continued)

Attachment A.4

Renewable Energy Certificate Retirements for Renewable Energy Standards and Green Pricing Programs  
 for the Reporting Period: January 1, 2013 - December 31, 2013

<b>Renewable Energy Standard REC Retirement Account Name:</b>	<b>NSP-MN RES Retirement 2013</b>
<b>Green Pricing REC Retirement Account Name:</b>	<b>NSP-MN Windsource Retirement-2013</b>

MRETS ID	MRETS Generator Facility Name	RECS retired for RENEWABLE ENERGY STANDARD compliance	RECS retired for GREEN PRICING programs	NOTES
<b>Total RECs</b>		<b>5,571,770</b>	<b>163,318</b>	<b>1 REC = 1 MWh</b>
M677	Adams - Adams Wind	98,548		
M656	Agassiz Beach - Agassiz Beach	8,190		
M277	Apple River (Unit 1)(Units 3-4) - Apple River	14,959		
M831	Big Blue Wind Farm - Big Blue Wind Farm, LLC	4,147		
M278	Big Falls (Units 1-3) - Big Falls	43,027		
M432	Boeve Windfarm - Boeve Windfarm	0	6,665	
M459	Carleton College - Carleton College	3,009		
M279	Cedar Falls (Units 1-3) - Cedar Falls	41,692		
M280	Chippewa Falls (Unit 1) - Chippewa Falls (Unit 1)	13,261		
M320	Chippewa Falls (Unit 2) - Chippewa Falls (Unit 2)	12,531		
M321	Chippewa Falls (Unit 3) - Chippewa Falls (Unit 3)	17,973		
M322	Chippewa Falls (Unit 4) - Chippewa Falls (Unit 4)	19,112		
M323	Chippewa Falls (Unit 5) - Chippewa Falls (Unit 5)	12,019		
M324	Chippewa Falls (Unit 6) - Chippewa Falls (Unit 6)	7,341		
M352	Cisco Wind Energy - Cisco Wind Energy	0	27,552	
M689	Community Wind North - North Community Turbines	46,601		
M690	Community Wind North - North Wind Turbines	46,667		
M281	Cornell (Unit 1) - Cornell (Unit 1)	5,152		
M707	Cornell (Unit 1-4) - Cornell (Unit 1-4)	165,439		
M678	Danielson - Danielson Wind Farms	44,374		
M282	Dells (Units 1-7) - Dells	54,664		
M351	East Ridge - East Ridge	19,427		
M353	Ewington Energy Systems - Ewington Energy Systems	16,462		
M356	Fenton Power Partners I (2) - Fenton Power Partners I (2)	10,082		
M433	Fey Windfarm - Fey Windfarm	4,783		
M720	Fibrominn LLC - Fibrominn	309,793		
M760	Fibrominn LLC - Fibrominn Multi	252,713		
M366	FPL Energy Mower County - FPL Energy Mower County	231,056		
M629	FreEner-g-2009-01 - FreEner-g-2009-01	12		
M630	FreEner-g-2010-01 - FreEner-g-2010-01	215		
M317	French Island (Unit 1) - French Island (Unit 1)	4,359		
M274	French Island (Unit 2) - French Island (Unit 2)	1,839		
M742	GL Bio Gas I, LLC - GL Bio Gas I	4,097		
M743	GL Bio Gas II, LLC - GL Bio Gas II	119		
M493	Grand Meadow Wind Farm - Grand Meadow	227,499		
M577	Grant County Wind - Grant County Wind	44,685		
M283	Hayward (Unit 1) - Hayward	1,007		
M484	Hibbing Public Utility - Laurentian	30,405		
M509	Hilltop Power - Hilltop	3,802		
M284	Holcombe (Unit 1) - Holcombe (Unit 1)	54,586		
M328	Holcombe (Unit 2) - Holcombe (Unit 2)	35,118		
M329	Holcombe (Unit 3) - Holcombe (Unit 3)	24,516		
M431	Jeffers Wind 20 - Jeffers Wind 20	26,672		
M285	Jim Falls (Unit 1) - Jim Falls (Unit 1)	91,049		
M519	Jim Falls (Unit 3) - Jim Falls (Unit 3)	5,911		
M430	Jim Falls (Units 2) - Jim Falls (Units 2)	66,540		
M452	JJN Windfarm - JJN Windfarm	0	4,766	
M635	Kas Brothers Windfarm - Kas Brothers Windfarm	2,970		
M386	K-Brink Wind Farm - K-Brink Wind Farm	0	6,423	
M286	Ladysmith (Units 1-3) - Ladysmith	14,183		
M639	Lake Benton Power Partners II (LBII) - LB II	213,442		
M728	Lake Benton Power Partners, LLC - Lake Benton Power Partners (LBI)	246,273		
M758	LCO Band of Lake Superior Chippewa Indians - Lac Courte Oreilles (LCO)	10,987		
M655	MCC - Solar	742		
M447	McNeilus Group - McNeilus Group	47,974	22,803	
M287	Menomonie (Units 1-2) - Menomonie	22,948		
M730	Merrick Solar - Merrick Solar	107		
M681	Metro Wind - Metro Wind	615		
M390	MinnDakota Wind (1) - MinnDakota Wind (1)	159,519		
M732	MinnDakota Wind (1b) - MinnDakota Wind (1b)	181,932		
M391	MinnDakota Wind (2) - MinnDakota Wind (2)	73,941		
M359	Minwind III-IX - Minwind Energy	0	29,784	
M738	MNRDF_DNR - MNRDF_DNR	134		
M508	Moraine II - Moraine II	128,829	7,641	
M392	Moraine Wind - Moraine Wind	118,547		
M421	NAE Shaokatan Power Partners - NAE Shaokatan Power Partners	541		
M606	Neshonoc - Neshonoc	1,388		
M643	Nobles Wind Farm - Nobles Wind Farm I	333,566		
M646	Nobles Wind Farm - Nobles Wind Farm II	235,119		
M393	Norgaard North - Norgaard North	9,587		
M394	Norgaard South - Norgaard South	7,373		
M657	North Shaokatan Wind - Group	27,791		
M722	Oak Glen Wind Farm - OGWF	0	40,000	

DOCKET NO. E999/PR-14-12 (continued)  
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Attachment A.4

Renewable Energy Certificate Retirements for Renewable Energy Standards and Green Pricing Programs  
 for the Reporting Period: January 1, 2013 - December 31, 2013

<b>Renewable Energy Standard REC Retirement Account Name:</b>	<b>NSP-MN RES Retirement 2013</b>
<b>Green Pricing REC Retirement Account Name:</b>	<b>NSP-MN Windsource Retirement-2013</b>

MRETS ID	MRETS Generator Facility Name	RECS retired for RENEWABLE ENERGY STANDARD compliance	RECS retired for GREEN PRICING programs	NOTES
M636	Olsen Windfarm LLC - Olsen Windfarm	2,919		
M694	Pine Bend - Pine Bend	25,446		
M363	Pipestone - Pipestone	17,536		
M791	Prairie Rose Wind - Prairie Rose Wind, LLC	50,068		
M837	Prairie Rose Wind (2b) - Prairie Rose Wind LLC	12,882		
M275	Red Wing (Unit 1) - Red Wing (Unit 1)	33,060		
M330	Red Wing (Unit 2) - Red Wing (Unit 2)	51,299		
M642	Ridgewind - Ridgewind	70,128		
M288	Riverdale (Units 1-2) - Riverdale	1,458		
M362	Rock Ridge Power Partners - Rock Ridge Power Partners	5,563		
M658	Ruthon Ridge Wind - Group	42,014		
M706	SAF Hydro, LLC - SAF Hydro	26,079		
M289	Saxon Falls (Units 1-2) - Saxon Falls	4,356		
M389	Shane's Wind Machine - Shane's Wind Machine	5,279		
M364	South Ridge Power Partners - South Ridge Power Partners	5,281		
M627	SRMN2010-J-01 - SRMN2010-J-01	1,374		
M714	SRMN2011-01 - SRMN2011-01	881		
M737	SRMN2011-02 - SRMN2011-02	958		
M766	SRMN2012-01 - SRMN2012-01	686		
M786	SRMN2012-02 - SRMN2012-02	320		
M290	St Croix Falls (Unit 1) - St Croix Falls (Unit 1)	2,675		
M291	St. Anthony (Units 1-5) - St. Anthony	61,075		
M711	St. Croix Falls (Unit 1-8) - St. Croix Falls (Unit 1-8)	251,810		
M559	St. John's Solar Farm - St. John's Solar Farm	518		
M368	St. Olaf College - St. Olaf College	2,993		
M875	St. Paul Cogeneration - St. Paul Cogeneration	467,078		
M292	Superior Falls (Units 1-2) - Superior Falls	5,873		
M396	Tholen Transmission Inc. (North) - Tholen Transmission Inc. (North)	28,591		
M397	Tholen Transmission Inc. (South) - Tholen Transmission Inc. (South)	5,690		
M293	Thornapple (Units 1-2) - Thornapple	5,360		
M294	Trego (Units 1-2) - Trego	4,867		
M561	Uijk Wind Farm - Uijk Wind Farm	10,124		
M683	Valley View - Wind	24,924		
M453	Velva Windfarm - Velva Windfarm	22,620		
M395	West Ridge - West Ridge	14,471	11,847	
M295	White River (Units 1-2) - White River	2,434		
M276	Wilmarth (Unit 1) - Wilmarth (Unit 1)	34,094		
M338	Wilmarth (Unit 2) - Wilmarth (Unit 2)	49,613		
M638	Wind Power Partners - Wind Power Partners	51,401		
M434	Windcurrent Farms - Windcurrent Farms	0	5,837	
M365	Windvest Power Partners - Windvest Power Partners	4,887		
M721	Winona County Wind, LLC - Winona County Wind	2,125		
M296	Wissota (Unit 1) - Wissota (Unit 1)	3,838		
M712	Wissota (Unit 1-3) - Wissota (Unit 1-3)	98,892		
M345	Wissota (Unit 2) - Wissota (Unit 2)	5,096		
M347	Wissota (Unit 4) - Wissota (Unit 4)	7,395		
M713	Wissota (Unit 4-6) - Wissota (Unit 4-6)	48,252		
M348	Wissota (Unit 5) - Wissota (Unit 5)	2,656		
M625	WM Renewable Energy - Burnsville - WM Renewable Energy - Burnsville	27,971		
M626	Woodstock Municipal Wind - Woodstock Municipal Wind	1,679		
M802	Zephyr Wind, LLC (CWS) - Zephyr Wind (2)	635		
M792	Zephyr Wind, LLC (CWS) - Zephyr Wind (1)	585		



**Biennial Compliance reporting**

Please report the following items in compliance with the PUC May 28, 2013 Order in Docket No. E999/M-12-958

Ordering Point

**4.A. & 5.H. the year through which the utility can maintain compliance with its current renewable portfolio**

2023

*Note: Banked REC inventory was included in this calculation, MN only*

**4.B. & 5.I. Projected compliance for the current plus three (3) upcoming years.**

Year	actual/projected MN retail sales (MWhs)	RES Req. (%)	RES Req. (MWhs)	Projected Resources (MWhs)	Projected Surplus/ (Deficit) (MWhs)
2013	30,954,277	18%	5,571,770	5,595,431	23,661
2014	30,315,963	18%	5,456,874	5,856,528	399,654
2015	30,210,112	25%	5,437,821	6,324,615	886,794
2016	30,243,965	25%	7,560,992	8,002,646	441,654

*Note: Project Resources are MN allocation only.*

**5.E.2 & 5.F. Identify other State Renewable Standards or Objectives to which the utility is subject, and the percentage of renewable energy allocated to meet the renewable requirements.**

*Note: Response shown below identifies 2014 requirements.*

State	RES Req.	Apportionment of renewable energy
ND	0%	5.50%
SD	0%	4.93%
WI	12.89%	15.60%
MI	10%	0.34%

Apportionment of renewable energy should reflect each state's percentage of total system sales.

**5.E.3 (i) The status of the utility's renewable energy mix relative to the objective & standards.**

When all of the energy from these resources is tallied, renewable energy allocated to Minnesota for the RES accounted for approximately 18% of the energy provided to our customers in 2013.  
 We forecast that approximately 19% of the energy we provide our customers will come from RES/REO eligible renewable resources and accrue renewable energy credits ("RECs") in 2014. With our REC bank and our early actions to add renewable generation to our portfolio, we are well ahead of all of our renewable energy targets.

**5.E.3(ii) Efforts taken to meet the objective and standards**

During the period of June 2012 to December 2013, 268 MW of wind energy projects and 8 MW AC of solar energy projects have commenced commercial operation.  
 The Company issued an Request for Proposals (RFP) for additional wind resources on February 15, 2013. The RFP generated proposals for 57 projects. The Company selected (4) projects totaling 750 MW. The projects are a combination of power purchase (PPA's) and build-to-own agreements. The projects are all expected to begin delivering energy to the Company by December 2015.  
 The Company issued an RFP for additional solar resources on April XX, 2014. The RFP required that the solar generation be in commercial operation no later than December 31, 201X. Bid responses are due June XX, 2014. The Company anticipates selecting 150 MW of solar energy projects following receipt and evaluation of

**5.E.3(iii) Obstacles encountered or anticipated in meeting the objective or standards**

Although we believe that we own or have under contract sufficient renewable resources for RES compliance through at least 2020 as well as complying with the renewable requirements of other states in which we have service territory, we are paying close attention to a number of issues that may affect renewable energy development in our region. These issues include:

- Cost-effectiveness of wind energy. Natural gas prices and, correspondingly, market energy prices, have continued to stay low, and are projected to continue at a lower level for a number of years to come. With those lower long-term price expectations, wind energy may not be as cost-effective as its likely alternative, natural gas generation, if the Production Tax Credit (PTC) or Investment Tax Credit (ITC) expires.
- Wind integration and baseload cycling. As the percentage of wind energy on our system and in the Midwest ISO (MISO) region continues to increase, we remain concerned about the cost and possible effects on reliability of integrating wind with our other resources. The Company continues to monitor the MISO ancillary

services market costs as wind penetration levels increase in proportion to the statutory requirements of the Minnesota Renewable Energy Standard.

- **Transmission Construction Lead Time.** The best wind resource areas within and adjacent to our service territory do not currently have the necessary transmission infrastructure to support the level of wind generation needed to meet RES compliance deadlines. CapX and other transmission initiatives will substantially improve transmission from those areas into our primary load center in the Twin Cities. Furthermore the transmission infrastructure between the Twin Cities and other parts of the Midwest ISO footprint appears inadequate to accommodate the ebb and flow of expected 2020 wind generation. It will be important to coordinate the planning of wind resources with the transmission necessary to integrate it into the electrical system. The Company is working with MISO and other stakeholders on these challenges.

- **Midwest ISO Interconnection Queue.** MISO has reformed its interconnection queue process over the past several years, which has resulted in substantially reducing the lag time between making an interconnection request and executing a signed interconnection agreement. These changes appear to have resolved the problem of having thousands of MW of projects ready for development, but waiting years for interconnection studies. However, there has also been a lull in wind project development due to uncertainty about extension of the Federal production tax credit (PTC), which has dampened interconnection request activity. The Company will continue to monitor the interconnection queue process, and its effect on the aforementioned lag time, as more is known about PTC extension.

- **PTC/ITC Extension Uncertainty.** As of this filing date, Congress may extend or modify the current Federal production tax credit, which requires that construction commence by December 31, 2013 and commercial energy production begin no later than December 31, 201X. ?????????????? Neither has Congress acted to re-instate the Investment Tax Credit (ITC), which produces a similar economic/pricing benefit for wind power projects as does the PTC. Without the PTC/ITC benefit, it will become very challenging for wind generation to be cost-competitive with natural gas generation alternatives with natural gas pricing expected to be less than \$X.XX/MMBtu in real terms over the next XX to XX years.

**5.E.3(iv) Potential solutions to the obstacles**

See part 5.E.3(iii) for detailed descriptions of potential obstacles in meeting the Renewable Energy Standard.

**5.G. List any renewable generation facilities expected to become operational during the upcoming year**

*Note: Projects that will be assigned to the Solar Energy Standard are not included below.*

Facility Name	type	Capacity (MW)	Cap. Factor (%)	Expected Comm'l Operation Date
None in 2014				

**5.K. Identify efforts taken to adequately protect against undesirable economic impacts on ratepayers, including, but not limited to keeping customer's bills and the utility's rates as low as practicable, given regulatory and other constraints.**

In an effort to acquire low cost wind energy, the Company issued an RFP in early 2013. The timing of the RFP permitted the projects to qualify for the PTC tax benefits. The Company will continue to take advantage of market opportunities, as these are identified as beneficial to the rate payer.





## CERTIFICATE OF SERVICE

I, Theresa Sarafolean, 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 NOS. E999/PR-02-1240  
E999/PR-14-12  
E999/M-14-237**

Dated this 2<sup>nd</sup> day of June 2014

/s/

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Theresa Sarafolean

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
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	No	OFF_SL_2-1240_OFF_SL_2-1240_02-1240
Christopher	Anderson	canderson@allete.com	Minnesota Power	30 W Superior St  Duluth, MN 558022191	Electronic Service	No	OFF_SL_2-1240_OFF_SL_2-1240_02-1240
Wayne	Backman	N/A	Basin Electric Power Cooperative	1717 E Interstate Ave  Bismarck, ND 58503-0564	Paper Service	No	OFF_SL_2-1240_OFF_SL_2-1240_02-1240
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_2-1240_OFF_SL_2-1240_02-1240
Dennis	Eisenbraun	deisenbraun@mpsutility.com	Moorhead Public Service Dept. (E)	500 Center Ave PO Box 779 Moorhead, MN 56561-0779	Electronic Service	No	OFF_SL_2-1240_OFF_SL_2-1240_02-1240
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_2-1240_OFF_SL_2-1240_02-1240
Gary	Garbe	Gary.Garbe@avantenergy.com	Minnesota Municipal Power Agency	200 South Sixth Street Suite 300 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_2-1240_OFF_SL_2-1240_02-1240
Burl W.	Haar	burl.haar@state.mn.us	Public Utilities Commission	Suite 350 121 7th Place East St. Paul, MN 551012147	Electronic Service	No	OFF_SL_2-1240_OFF_SL_2-1240_02-1240
J Drake	Hamilton	hamilton@fresh-energy.org	Fresh Energy	408 St Peter St  Saint Paul, MN 55101	Electronic Service	No	OFF_SL_2-1240_OFF_SL_2-1240_02-1240
Jessy	Hennesy	jessy.hennesy@avantenergy.com	Avant Energy	220 S. Sixth St. Ste 1300  Minneapolis, Minnesota 55402	Electronic Service	No	OFF_SL_2-1240_OFF_SL_2-1240_02-1240
Larry	Johnston	lw.johnston@smpa.org	SMPA	500 1st Ave SW  Rochester, MN 55902-3303	Electronic Service	No	OFF_SL_2-1240_OFF_SL_2-1240_02-1240

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	No	OFF_SL_2-1240_OFF_SL_2-1240_02-1240
Susan	Mackenzie	susan.mackenzie@state.mn.us	Public Utilities Commission	Suite 350121 7th Place East  St. Paul, MN 551012147	Electronic Service	No	OFF_SL_2-1240_OFF_SL_2-1240_02-1240
Scot	McClure		Interstate Power And Light Company	4902 N Biltmore Ln PO Box 77007 Madison, WI 537071007	Paper Service	No	OFF_SL_2-1240_OFF_SL_2-1240_02-1240
John	McWilliams	jmm@dairynet.com	Dairyland Power Cooperative	3200 East Ave SPO Box 817  La Crosse, WI 54601-7227	Electronic Service	No	OFF_SL_2-1240_OFF_SL_2-1240_02-1240
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_2-1240_OFF_SL_2-1240_02-1240
Mark	Rathbun	mrathbun@greenergy.com	Great River Energy	12300 Elm Creek Blvd  Maple Grove, MN 55369	Electronic Service	No	OFF_SL_2-1240_OFF_SL_2-1240_02-1240
Craig	Rustad	crustad@minnkota.com	Minnkota Power	1822 Mill Road PO Box 13200 Grand Forks, ND 582083200	Electronic Service	No	OFF_SL_2-1240_OFF_SL_2-1240_02-1240
SaGonna	Thompson	Regulatory.Records@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 7  Minneapolis, MN 554011993	Electronic Service	No	OFF_SL_2-1240_OFF_SL_2-1240_02-1240

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
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_14-12_Official
Tammie	Carino	tcarino@GREnergy.com	Great River Energy	12300 Elm Creek Blvd.  Maple Grove, MN 55369-4718	Electronic Service	No	OFF_SL_14-12_Official
Curt	Dieren	cdieren@dgrnet.com	L&O Power Cooperative	1302 South Union Street PO Box 511 Rock Rapids, IA 51246	Electronic Service	No	OFF_SL_14-12_Official
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_14-12_Official
Ronald J.	Franz		Dairyland Power Cooperative	3200 East Ave S PO Box 817 La Crosse, WI 546020817	Paper Service	No	OFF_SL_14-12_Official
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_14-12_Official
Gary	Garbe	Gary.Garbe@avantenergy.com	Minnesota Municipal Power Agency	200 South Sixth Street Suite 300 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_14-12_Official
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_14-12_Official
Casey	Jacobson	cjacobson@bepc.com	Basin Electric Power Cooperative	1717 East Interstate Avenue  Bismarck, ND 58501	Electronic Service	No	OFF_SL_14-12_Official
Paula	Johnson	paulajohnson@alliantenergy.com	Alliant Energy-Interstate Power and Light Company	P.O. Box 351 200 First Street, SE Cedar Rapids, IA 524060351	Electronic Service	No	OFF_SL_14-12_Official



First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Larry	Johnston	lw.johnston@smmpa.org	SMMPA	500 1st Ave SW Rochester, MN 55902-3303	Electronic Service	No	OFF_SL_14-12_Official
Nate	Jones	njones@hcpd.com	Heartland Consumers Power	PO Box 248 Madison, SD 57042	Electronic Service	No	OFF_SL_14-12_Official
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_14-12_Official
David	Moeller	dmoeller@allete.com	Minnesota Power	30 W Superior St Duluth, MN 558022093	Electronic Service	No	OFF_SL_14-12_Official
Ben	Nelson		CMMPA	459 South Grove Street Blue Earth, MN 56013	Paper Service	No	OFF_SL_14-12_Official
John	Richards	N/A	Northwestern Wisconsin Electric Company	104 S. Pine St. Grantsburg, WI 54840	Paper Service	No	OFF_SL_14-12_Official
Craig	Rustad	crustad@minnkota.com	Minnkota Power	1822 Mill Road PO Box 13200 Grand Forks, ND 582083200	Electronic Service	No	OFF_SL_14-12_Official
Robert K.	Sahr	bsahr@eastriver.coop	East River Electric Power Cooperative	P.O. Box 227 Madison, SD 57042	Electronic Service	No	OFF_SL_14-12_Official
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_14-12_Official
SaGonna	Thompson	Regulatory.Records@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 7 Minneapolis, MN 554011993	Electronic Service	No	OFF_SL_14-12_Official

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Carol	Westergard	cwestergard@otpc.com	Otter Tail Power Company	215 S Cascade St Fergus Falls, MN 56537	Electronic Service	No	OFF_SL_14-12_Official

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Christopher	Anderson	canderson@allete.com	Minnesota Power	30 W Superior St  Duluth, MN 558022191	Electronic Service	No	SPL_SL_14- 237_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_14- 237_Interested Parties
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	SPL_SL_14- 237_Interested Parties
William A.	Blazar	bblazar@mnchamber.com	Minnesota Chamber Of Commerce	Suite 1500 400 Robert Street North St. Paul, MN 55101	Electronic Service	No	SPL_SL_14- 237_Interested Parties
Michael	Bradley	mike.bradley@lawmoss.com	Moss & Barnett	Suite 4800 90 S 7th St Minneapolis, MN 55402-4129	Electronic Service	No	SPL_SL_14- 237_Interested Parties
Jon	Brekke	jbrekke@greenergy.com	Great River Energy	12300 Elm Creek Boulevard  Maple Grove, MN 553694718	Electronic Service	No	SPL_SL_14- 237_Interested Parties
Mark B.	Bring	mbring@otpc.com	Otter Tail Power Company	215 South Cascade Street PO Box 496 Fergus Falls, MN 565380496	Electronic Service	No	SPL_SL_14- 237_Interested Parties
Christina	Brusven	cbrusven@fredlaw.com	Fredrikson & Byron, P.A.	200 S 6th St Ste 4000  Minneapolis, MN 554021425	Electronic Service	No	SPL_SL_14- 237_Interested Parties
Tammie	Carino	tcarino@GREnergy.com	Great River Energy	12300 Elm Creek Blvd.  Maple Grove, MN 55369-4718	Electronic Service	No	SPL_SL_14- 237_Interested Parties
Douglas M.	Carnival		McGrann Shea Anderson Carnival	Straugn & Lamb 800 Nicollet Mall, Suite 2600 Minneapolis, MN 554027035	Paper Service	No	SPL_SL_14- 237_Interested Parties

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	SPL_SL_14-237_Interested Parties
George	Crocker	gwillc@nawo.org	North American Water Office	PO Box 174 Lake Elmo, MN 55042	Electronic Service	No	SPL_SL_14-237_Interested Parties
Mark F.	Dahlberg	markdahlberg@nweco.com	Northwestern Wisconsin Electric Company	P.O. Box 9 104 South Pine Street Grantsburg, WI 548400009	Electronic Service	No	SPL_SL_14-237_Interested Parties
Curt	Dieren	cdieren@dgrnet.com	L&O Power Cooperative	1302 South Union Street PO Box 511 Rock Rapids, IA 51246	Electronic Service	No	SPL_SL_14-237_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 1400	No	SPL_SL_14-237_Interested Parties
Mike	Eggl	megg1@bepc.com	Basin Electric Power Cooperative	1717 East Interstate Avenue Bismarck, ND 58503	Electronic Service	No	SPL_SL_14-237_Interested Parties
Kristen	Eide Tollefson	HealingSystems@earthlink.net	R-CURE	P O Box 129 Frontenac, MN 55026	Paper Service	No	SPL_SL_14-237_Interested Parties
Oncu	Er	oncu.er@avantenergy.com	Avant Energy, Agent for MMPA	220 S. Sixth St. Ste. 1300 Minneapolis, MN 55402	Electronic Service	No	SPL_SL_14-237_Interested Parties
Pam	Fergen		Henepin County Government Center CAO	A2000 300 S. Sixth Street Minneapolis, MN 55487	Paper Service	No	SPL_SL_14-237_Interested Parties

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Sharon	Ferguson	sharon.ferguson@state.mn.us	Department of Commerce	85 7th Place E Ste 500  Saint Paul, MN 551012198	Electronic Service	Yes	SPL_SL_14- 237_Interested Parties
Cathy	Fogale	cfogale@otpc.com	Otter Tail Power Company	215 South Cascade Street PO Box 496 Fergus Falls, MN 56537	Electronic Service	No	SPL_SL_14- 237_Interested Parties
Amy	Fredregill	amy@mrets.org	Midwest Renewable Energy Tracking System, Inc.	1885 University Avenue West, #315  St. Paul, MN 55104	Electronic Service	No	SPL_SL_14- 237_Interested Parties
Gary	Garbe	Gary.Garbe@avantenergy.com	Minnesota Municipal Power Agency	200 South Sixth Street Suite 300 Minneapolis, MN 55402	Electronic Service	No	SPL_SL_14- 237_Interested Parties
Edward	Garvey	garveyed@aol.com	Residence	32 Lawton St  Saint Paul, MN 55102	Paper Service	No	SPL_SL_14- 237_Interested Parties
Benjamin	Gerber	bgerber@mnchamber.com	Minnesota Chamber of Commerce	400 Robert Street North Suite 1500 St. Paul, Minnesota 55101	Electronic Service	No	SPL_SL_14- 237_Interested Parties
Darrell	Gerber		Clean Water Action Alliance of Minnesota	308 Hennepin Ave. E.  Minneapolis, MN 55414	Paper Service	No	SPL_SL_14- 237_Interested Parties
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_14- 237_Interested Parties
Bryan	Gower	N/A	APX, Inc.	224 Airport Parkway Suite 600 San Jose, CA 95110	Paper Service	No	SPL_SL_14- 237_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_14- 237_Interested Parties

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Tony	Hainault	anthony.hainault@co.hennepin.mn.us	Hennepin County DES	701 4th Ave S Ste 700  Minneapolis, MN 55415-1842	Electronic Service	No	SPL_SL_14-237_Interested Parties
Bill	Heaney	billheaney@billheaney.com	IBEW Minnesota State Council	940 44th Ave NE Unite 21067  Columbia Hts, MN 55421-3099	Electronic Service	No	SPL_SL_14-237_Interested Parties
John	Helmers	helmers.john@co.olmsted.mn.us	Olmsted County Waste to Energy	2122 Campus Drive SE  Rochester, MN 55904-4744	Electronic Service	No	SPL_SL_14-237_Interested Parties
Jared	Hendricks	hendricksj@owatonnautilities.com	Owatonna Public Utilities	PO Box 800 208 S Walnut Ave Owatonna, MN 55060-2940	Electronic Service	No	SPL_SL_14-237_Interested Parties
Annete	Henkel	mui@mnuilityinvestors.org	Minnesota Utility Investors	413 Wacouta Street #230 St.Paul, MN 55101	Electronic Service	No	SPL_SL_14-237_Interested Parties
Jessy	Hennesy	jessy.hennesy@avantenergy.com	Avant Energy	220 S. Sixth St. Ste 1300  Minneapolis, Minnesota 55402	Electronic Service	No	SPL_SL_14-237_Interested Parties
Ashley	Houston			120 Fairway Rd  Chestnut Hill, MA 24671850	Paper Service	No	SPL_SL_14-237_Interested Parties
Lori	Hoyum	lhoyum@mnpower.com	Minnesota Power	30 West Superior Street  Duluth, MN 55802	Electronic Service	No	SPL_SL_14-237_Interested Parties
Casey	Jacobson	cjacobson@bepc.com	Basin Electric Power Cooperative	1717 East Interstate Avenue  Bismarck, ND 58501	Electronic Service	No	SPL_SL_14-237_Interested Parties
Eric	Jensen	ejensen@iwla.org	Izaak Walton League of America	Suite 202 1619 Dayton Avenue St. Paul, MN 55104	Electronic Service	No	SPL_SL_14-237_Interested Parties

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Paula	Johnson	paulajohnson@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_14- 237_Interested Parties
Larry	Johnston	lw.johnston@smmpa.org	SMMPA	500 1st Ave SW  Rochester, MN 55902-3303	Electronic Service	No	SPL_SL_14- 237_Interested Parties
Nate	Jones	njones@hcpd.com	Heartland Consumers Power	PO Box 248  Madison, SD 57042	Electronic Service	No	SPL_SL_14- 237_Interested Parties
Nancy	Kelly	bademailnancyk@eurekarecycling.org	Eureka Recycling	2828 Kennedy Street NE  Minneapolis, MN 55413	Paper Service	No	SPL_SL_14- 237_Interested Parties
Julie	Ketchum	N/A	Waste Management	20520 Keokuk Ave  Lakeville, MN 55044	Paper Service	No	SPL_SL_14- 237_Interested Parties
Deborah Fohr	Levchak	dlevchak@bepc.com	Basin Electric Power Cooperative	1717 East Interstate Avenue  Bismarck, ND 585030564	Electronic Service	No	SPL_SL_14- 237_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_14- 237_Interested Parties
Mark	Lindquist	N/A	The Minnesota Project	57107 422nd St  New Ulm, MN 56073-4321	Paper Service	No	SPL_SL_14- 237_Interested Parties
Dave	McNary	N/A	Hennepin County DES	701 Fourth Avenue South suite 700 Minneapolis, MN 55415-1842	Paper Service	No	SPL_SL_14- 237_Interested Parties
John	McWilliams	jmm@dairy.net	Dairyland Power Cooperative	3200 East Ave SPO Box 817  La Crosse, WI 54601-7227	Electronic Service	No	SPL_SL_14- 237_Interested Parties

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Valerie	Means	valerie.means@lawmoss.com	Moss & Barnett	Suite 4800 90 South Seventh Street Minneapolis, MN 55402	Electronic Service	No	SPL_SL_14- 237_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_14- 237_Interested Parties
David	Moeller	dmoeller@allete.com	Minnesota Power	30 W Superior St  Duluth, MN 558022093	Electronic Service	No	SPL_SL_14- 237_Interested Parties
Andrew	Moratzka	apmoratzka@stoel.com	Stoel Rives LLP	33 South Sixth Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No	SPL_SL_14- 237_Interested Parties
Ben	Nelson		CMPMA	459 South Grove Street  Blue Earth, MN 56013	Paper Service	No	SPL_SL_14- 237_Interested Parties
David W.	Niles	david.niles@avantenergy.com	Minnesota Municipal Power Agency	Suite 300 200 South Sixth Street Minneapolis, MN 55402	Electronic Service	No	SPL_SL_14- 237_Interested Parties
Russell	Olson	N/A	Heartland Consumers Power District	PO Box 248  Madison, SD 570420248	Paper Service	No	SPL_SL_14- 237_Interested Parties
Mary Beth	Peranteau	mperanteau@wheelerlaw.com	Wheeler Van Sickle & Anderson SC	Suite 801 25 West Main Street Madison, WI 537033398	Electronic Service	No	SPL_SL_14- 237_Interested Parties
Mark	Rathbun	mrathbun@greenergy.com	Great River Energy	12300 Elm Creek Blvd  Maple Grove, MN 55369	Electronic Service	No	SPL_SL_14- 237_Interested Parties
John C.	Reinhardt		Laura A. Reinhardt	3552 26Th Avenue South  Minneapolis, MN 55406	Paper Service	No	SPL_SL_14- 237_Interested Parties



First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Kevin	Reuther	kreuther@mncenter.org	MN Center for Environmental Advocacy	26 E Exchange St, Ste 206 St. Paul, MN 551011667	Paper Service	No	SPL_SL_14-237_Interested Parties
Craig	Rustad	crustad@minnkota.com	Minnkota Power	1822 Mill Road PO Box 13200 Grand Forks, ND 582083200	Electronic Service	No	SPL_SL_14-237_Interested Parties
Robert K.	Sahr	bsahr@eastriver.coop	East River Electric Power Cooperative	P.O. Box 227 Madison, SD 57042	Electronic Service	No	SPL_SL_14-237_Interested Parties
Raymond	Sand	rms@dairynet.com	Dairyland Power Cooperative	P.O. Box 8173200 East Avenue South LaCrosse, WI 546020817	Electronic Service	No	SPL_SL_14-237_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_14-237_Interested Parties
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_14-237_Interested Parties
Dean	Sedgwick	N/A	Itasca Power Company	PO Box 457 Bigfork, MN 56628-0457	Paper Service	No	SPL_SL_14-237_Interested Parties
Mrg	Simon	mrgsimon@mrenergy.com	Missouri River Energy Services	3724 W. Avera Drive P.O. Box 88920 Sioux Falls, SD 571098920	Electronic Service	No	SPL_SL_14-237_Interested Parties
Beth H.	Soholt	bsoholt@windonthewires.org	Wind on the Wires	570 Asbury Street Suite 201 St. Paul, MN 55104	Electronic Service	No	SPL_SL_14-237_Interested Parties

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Steve	Thompson		Central Minnesota Municipal Power Agency	459 S Grove St  Blue Earth, MN 56013-2629	Paper Service	No	SPL_SL_14- 237_Interested Parties
SaGonna	Thompson	Regulatory.Records@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 7  Minneapolis, MN 554011993	Electronic Service	No	SPL_SL_14- 237_Interested Parties
Pat	Treseler	pat.jcplaw@comcast.net	Paulson Law Office LTD	Suite 325 7301 Ohms Lane Edina, MN 55439	Electronic Service	No	SPL_SL_14- 237_Interested Parties
Darryl	Tveitbakk		Northern Municipal Power Agency	123 Second Street West  Thief River Falls, MN 56701	Paper Service	No	SPL_SL_14- 237_Interested Parties
Roger	Warehime	warehimer@owatonnautilities.com	Owatonna Public Utilities	208 South WalnutPO Box 800  Owatonna, MN 55060	Electronic Service	No	SPL_SL_14- 237_Interested Parties
Paul	White	paul.white@prcwind.com	Project Resources Corp./Tamarac Line LLC/Ridgewind	618 2nd Ave SE  Minneapolis, MN 55414	Electronic Service	No	SPL_SL_14- 237_Interested Parties
Robyn	Woeste	robynwoeste@alliantenergy.com	Interstate Power and Light Company	200 First St SE  Cedar Rapids, IA 52401	Electronic Service	No	SPL_SL_14- 237_Interested Parties
Thomas J.	Zaremba	TZaremba@wheelerlaw.com	WHEELER, VAN SICKLE & ANDERSON	Suite 801 25 West Main Street Madison, WI 537033398	Electronic Service	No	SPL_SL_14- 237_Interested Parties

Instructions

**Minnesota Public Utilities Commission**  
**DOCKET NO. E999/PR-14-12**  
**DOCKET NO. E999/PR-14-237**

**Minnesota Department of Commerce**  
**DOCKET NO. E999/PR-02-1240**

**Renewable Energy Certificate Retirement Report for**  
**RENEWABLE ENERGY STANDARDS and GREEN PRICING PROGRAMS**  
**Attachment A: REC Retirements & Biennial Compliance Reporting**

**For the Reporting Period:**  
**January 1, 2013 - December 31, 2013**

**Instructions**

**note:** items in red indicate changes in reporting from previous year

**Due:** June 1<sup>st</sup>, 2014

Complete the following worksheets and e-file in **Excel (XLS or XLSX)** format:

- Worksheet A.1, Utility Info
- Worksheet A.2, Renewable Energy Standard Retail Sales
- Worksheet A.3, Green Pricing Program Retail Sales
- Worksheet A.4, RES & Green Pricing REC Retirements
- Worksheet A.5, Biennial Compliance Reporting**

To e-file, login, or register, at: <https://www.edockets.state.mn.us/EFiling/home.jsp>

for directions on how to e-file, see: <http://www.commerce.state.mn.us/eDocFile/eFilingHelp.html>

For questions about Renewable Energy Certificate retirement or compliance with Renewable Energy Standards, contact Susan Mackenzie at 651-201-2241 or at [susan.mackenzie@state.mn.us](mailto:susan.mackenzie@state.mn.us) .

For questions about Green Pricing or about filling out this spreadsheet, send an email to:

[DG.Energy@state.mn.us](mailto:DG.Energy@state.mn.us).

For questions about e-filing, contact Karen Santori at 651-539-1530 or at [karen.santori@state.mn.us](mailto:karen.santori@state.mn.us) .

Yellow cells - Information provided by utility

Pink cells - Calculated data

Green cells - Headers and instructions

Blue cells - Lists of codes







DOCKET NO. E999/PR-14-12 (continued)  
 DOCKET NO. E999/PR-14-237 (continued)  
 DOCKET NO. E999/PR-02-1240 (continued)

Attachment A.4

## Renewable Energy Certificate Retirements for Renewable Energy Standards and Green Pricing

Programs for the Reporting Period: January 1, 2013 - December 31, 2013

<b>Renewable Energy Standard REC Retirement Account Name:</b>	<b>NSP-MN RES Retirement 2013</b>
<b>Green Pricing REC Retirement Account Name:</b>	<b>NSP-MN Windsource Retirement-2013</b>

MRETS ID	MRETS Generator Facility Name	RECS retired for RENEWABLE ENERGY STANDARD compliance	RECS retired for GREEN PRICING programs	NOTES
<b>Total RECs</b>		<b>5,571,770</b>	<b>163,318</b>	<b>1 REC = 1 MWh</b>
M677	Adams - Adams Wind	98,548		
M656	Agassiz Beach - Agassiz Beach	8,190		
M277	Apple River (Unit 1)(Units 3-4) - Apple River	14,959		
M831	Big Blue Wind Farm - Big Blue Wind Farm, LLC	4,147		
M278	Big Falls (Units 1-3) - Big Falls	43,027		
M432	Boeve Windfarm - Boeve Windfarm	0	6,665	
M459	Carleton College - Carleton College	3,009		
M279	Cedar Falls (Units 1-3) - Cedar Falls	41,692		
M280	Chippewa Falls (Unit 1) - Chippewa Falls (Unit 1)	13,261		
M320	Chippewa Falls (Unit 2) - Chippewa Falls (Unit 2)	12,531		
M321	Chippewa Falls (Unit 3) - Chippewa Falls (Unit 3)	17,973		
M322	Chippewa Falls (Unit 4) - Chippewa Falls (Unit 4)	19,112		
M323	Chippewa Falls (Unit 5) - Chippewa Falls (Unit 5)	12,019		
M324	Chippewa Falls (Unit 6) - Chippewa Falls (Unit 6)	7,341		
M352	Cisco Wind Energy - Cisco Wind Energy	0	27,552	
M689	Community Wind North - North Community Turbines	46,601		
M690	Community Wind North - North Wind Turbines	46,667		
M281	Cornell (Unit 1) - Cornell (Unit 1)	5,152		
M707	Cornell (Unit 1-4) - Cornell (Unit 1-4)	165,439		
M678	Danielson - Danielson Wind Farms	44,374		
M282	Dells (Units 1-7) - Dells	54,664		
M351	East Ridge - East Ridge	19,427		
M353	Ewington Energy Systems - Ewington Energy Systems	16,462		
M356	Fenton Power Partners I (2) - Fenton Power Partners I (2)	10,082		
M433	Fey Windfarm - Fey Windfarm	4,783		
M720	Fibrominn LLC - Fibrominn	309,793		
M760	Fibrominn LLC - Fibrominn Multi	252,713		
M366	FPL Energy Mower County - FPL Energy Mower County	231,056		
M629	FreEner-g-2009-01 - FreEner-g-2009-01	12		
M630	FreEner-g-2010-01 - FreEner-g-2010-01	215		
M317	French Island (Unit 1) - French Island (Unit 1)	4,359		
M274	French Island (Unit 2) - French Island (Unit 2)	1,839		
M742	GL Bio Gas I, LLC - GL Bio Gas I	4,097		
M743	GL Bio Gas II, LLC - GL Bio Gas II	119		
M493	Grand Meadow Wind Farm - Grand Meadow	227,499		
M577	Grant County Wind - Grant County Wind	44,685		
M283	Hayward (Unit 1) - Hayward	1,007		
M484	Hibbing Public Utility - Laurentian	30,405		
M509	Hilltop Power - Hilltop	3,802		
M284	Holcombe (Unit 1) - Holcombe (Unit 1)	54,586		
M328	Holcombe (Unit 2) - Holcombe (Unit 2)	35,118		
M329	Holcombe (Unit 3) - Holcombe (Unit 3)	24,516		
M431	Jeffers Wind 20 - Jeffers Wind 20	26,672		
M285	Jim Falls (Unit 1) - Jim Falls (Unit 1)	91,049		
M519	Jim Falls (Unit 3) - Jim Falls (Unit 3)	5,911		
M430	Jim Falls (Units 2) - Jim Falls (Units 2)	66,540		
M452	JJN Windfarm - JJN Windfarm	0	4,766	
M635	Kas Brothers Windfarm - Kas Brothers Windfarm	2,970		
M386	K-Brink Wind Farm - K-Brink Wind Farm	0	6,423	
M286	Ladysmith (Units 1-3) - Ladysmith	14,183		
M639	Lake Benton Power Partners II (LBII) - LB II	213,442		
M728	Lake Benton Power Partners, LLC - Lake Benton Power Partners (LBI)	246,273		
M758	LCO Band of Lake Superior Chippewa Indians - Lac Courte Oreilles (LCO)	10,987		
M655	MCC - Solar	742		
M447	McNeilus Group - McNeilus Group	47,974	22,803	
M287	Menomonie (Units 1-2) - Menomonie	22,948		
M730	Merrick Solar - Merrick Solar	107		
M681	Metro Wind - Metro Wind	615		
M390	MinnDakota Wind (1) - MinnDakota Wind (1)	159,519		
M732	MinnDakota Wind (1b) - MinnDakota Wind (1b)	181,932		
M391	MinnDakota Wind (2) - MinnDakota Wind (2)	73,941		
M359	Minwind III-IX - Minwind Energy	0	29,784	

DOCKET NO. E999/PR-14-12 (continued)  
 DOCKET NO. E999/PR-14-237 (continued)  
 DOCKET NO. E999/PR-02-1240 (continued)

Attachment A.4

## Renewable Energy Certificate Retirements for Renewable Energy Standards and Green Pricing

Programs for the Reporting Period: January 1, 2013 - December 31, 2013

<b>Renewable Energy Standard REC Retirement Account Name:</b>	<b>NSP-MN RES Retirement 2013</b>
<b>Green Pricing REC Retirement Account Name:</b>	<b>NSP-MN Windsource Retirement-2013</b>

MRETS ID	MRETS Generator Facility Name	RECS retired for RENEWABLE ENERGY STANDARD compliance	RECS retired for GREEN PRICING programs	NOTES
M738	MNRDF_DNR - MNRDF_DNR	134		
M508	Moraine II - Moraine II	128,829	7,641	
M392	Moraine Wind - Moraine Wind	118,547		
M421	NAE Shaokatan Power Partners - NAE Shaokatan Power Partners	541		
M606	Neshonoc - Neshonoc	1,388		
M643	Nobles Wind Farm - Nobles Wind Farm I	333,566		
M646	Nobles Wind Farm - Nobles Wind Farm II	235,119		
M393	Norgaard North - Norgaard North	9,587		
M394	Norgaard South - Norgaard South	7,373		
M657	North Shaokatan Wind - Group	27,791		
M722	Oak Glen Wind Farm - OGWF	0	40,000	
M636	Olsen Windfarm LLC - Olsen Windfarm	2,919		
M694	Pine Bend - Pine Bend	25,446		
M363	Pipestone - Pipestone	17,536		
M791	Prairie Rose Wind - Prairie Rose Wind, LLC	50,068		
M837	Prairie Rose Wind (2b) - Prairie Rose Wind LLC	12,882		
M275	Red Wing (Unit 1) - Red Wing (Unit 1)	33,060		
M330	Red Wing (Unit 2) - Red Wing (Unit 2)	51,299		
M642	Ridgewind - Ridgewind	70,128		
M288	Riverdale (Units 1-2) - Riverdale	1,458		
M362	Rock Ridge Power Partners - Rock Ridge Power Partners	5,563		
M658	Ruthon Ridge Wind - Group	42,014		
M706	SAF Hydro, LLC - SAF Hydro	26,079		
M289	Saxon Falls (Units 1-2) - Saxon Falls	4,356		
M389	Shane's Wind Machine - Shane's Wind Machine	5,279		
M364	South Ridge Power Partners - South Ridge Power Partners	5,281		
M627	SRMN2010-J-01 - SRMN2010-J-01	1,374		
M714	SRMN2011-01 - SRMN2011-01	881		
M737	SRMN2011-02 - SRMN2011-02	958		
M766	SRMN2012-01 - SRMN2012-01	686		
M786	SRMN2012-02 - SRMN2012-02	320		
M290	St Croix Falls (Unit 1) - St Croix Falls (Unit 1)	2,675		
M291	St. Anthony (Units 1-5) - St. Anthony	61,075		
M711	St. Croix Falls (Unit 1-8) - St. Croix Falls (Unit 1-8)	251,810		
M559	St. John's Solar Farm - St. John's Solar Farm	518		
M368	St. Olaf College - St. Olaf College	2,993		
M875	St. Paul Cogeneration - St. Paul Cogeneration	467,078		
M292	Superior Falls (Units 1-2) - Superior Falls	5,873		
M396	Tholen Transmission Inc. (North) - Tholen Transmission Inc. (North)	28,591		
M397	Tholen Transmission Inc. (South) - Tholen Transmission Inc. (South)	5,690		
M293	Thornapple (Units 1-2) - Thornapple	5,360		
M294	Trego (Units 1-2) - Trego	4,867		
M561	Uilk Wind Farm - Uilk Wind Farm	10,124		
M683	Valley View - Wind	24,924		
M453	Velva Windfarm - Velva Windfarm	22,620		
M395	West Ridge - West Ridge	14,471	11,847	
M295	White River (Units 1-2) - White River	2,434		
M276	Wilmarth (Unit 1) - Wilmarth (Unit 1)	34,094		
M338	Wilmarth (Unit 2) - Wilmarth (Unit 2)	49,613		
M638	Wind Power Partners - Wind Power Partners	51,401		
M434	Windcurrent Farms - Windcurrent Farms	0	5,837	
M365	Windvest Power Partners - Windvest Power Partners	4,887		
M721	Winona County Wind, LLC - Winona County Wind	2,125		
M296	Wissota (Unit 1) - Wissota (Unit 1)	3,838		
M712	Wissota (Unit 1-3) - Wissota (Unit 1-3)	98,892		
M345	Wissota (Unit 2) - Wissota (Unit 2)	5,096		
M347	Wissota (Unit 4) - Wissota (Unit 4)	7,395		
M713	Wissota (Unit 4-6) - Wissota (Unit 4-6)	48,252		
M348	Wissota (Unit 5) - Wissota (Unit 5)	2,656		
M625	WM Renewable Energy - Burnsville - WM Renewable Energy - Burnsville	27,971		
M626	Woodstock Municipal Wind - Woodstock Municipal Wind	1,679		
M802	Zephyr Wind, LLC (CWS) - Zephyr Wind (2)	635		
M792	Zephyr Wind, LLC (CWS) - Zephyr Wind (1)	585		



**Biennial Compliance reporting**

Please report the following items in compliance with the PUC May 28, 2013 Order in Docket No. E999/M-12-958

Ordering Point

**4.A. & 5.H. the year through which the utility can maintain compliance with its current renewable portfolio**

2023

*Note: Banked REC inventory was included in this calculation, MN only*

**4.B. & 5.I. Projected compliance for the current plus three (3) upcoming years.**

Year	actual/projected MN retail sales (MWhs)	RES Req.(%)	RES Req. (MWhs)	Projected Resources (MWhs)	Projected Surplus/ (Deficit) (MWhs)
2013	30,954,277	18%	5,571,770	5,595,431	23,661
2014	30,315,963	18%	5,456,874	5,856,528	399,654
2015	30,210,112	25%	5,437,821	6,324,615	886,794
2016	30,243,965	25%	7,560,992	8,002,646	441,654

*Note: Project Resources are MN allocation only.*

**5.E.2 & 5.F. Identify other State Renewable Standards or Objectives to which the utility is subject, and the percentage of renewable energy allocated to meet the renewable requirements.**

*Note: Response shown below identifies 2014 requirements.*

State	RES Req.	Apportionment of renewable energy
ND	0%	5.50%
SD	0%	4.93%
WI	12.89%	15.60%
MI	10%	0.34%

Apportionment of renewable energy should reflect each state's percentage of total system sales.

**5.E.3 (i) The status of the utility's renewable energy mix relative to the objective & standards.**

When all of the energy from these resources is tallied, renewable energy allocated to Minnesota for the RES accounted for approximately 18% of the energy provided to our customers in 2013.  
 We forecast that approximately 19% of the energy we provide our customers will come from RES/REO eligible renewable resources and accrue renewable energy credits ("RECs") in 2014. With our REC bank and our early actions to add renewable generation to our portfolio, we are well ahead of all of our renewable energy targets.

**5.E.3(ii) Efforts taken to meet the objective and standards**

During the period of June 2012 to December 2013, 268 MW of wind energy projects and 8 MW AC of solar energy projects have commenced commercial operation.

The Company issued an Request for Proposals (RFP) for additional wind resources on February 15, 2013. The RFP generated proposals for 57 projects. The Company selected (4) projects totaling 750 MW. The projects are a combination of power purchase (PPA's) and build-to-own agreements. The projects are all expected to begin delivering energy to the Company by December 2015.

December 31, 201X. Bid responses are due June XX, 2014. The Company anticipates selecting 150 MW of solar energy projects following receipt and evaluation of bids.

**5.E.3(iii) Obstacles encountered or anticipated in meeting the objective or standards**

Although we believe that we own or have under contract sufficient renewable resources for RES compliance through at least 2020 as well as complying with the renewable requirements of other states in which we have service territory, we are paying close attention to a number of issues that may affect renewable energy development in our region. These issues include:

- Cost-effectiveness of wind energy. Natural gas prices and, correspondingly, market energy prices, have continued to stay low, and are projected to continue at a lower level for a number of years to come. With those lower long-term price expectations, wind energy may not be as cost-effective as its likely alternative, natural gas generation, if the Production Tax Credit (PTC) or Investment Tax Credit (ITC) expires.
- Wind integration and baseload cycling. As the percentage of wind energy on our system and in the Midwest ISO (MISO) region continues to increase, we remain concerned about the cost and possible effects on reliability of integrating wind with our other resources. The Company continues to monitor the MISO ancillary services

market costs as wind penetration levels increase in proportion to the statutory requirements of the Minnesota Renewable Energy Standard.

- **Transmission Construction Lead Time.** The best wind resource areas within and adjacent to our service territory do not currently have the necessary transmission infrastructure to support the level of wind generation needed to meet RES compliance deadlines. CapX and other transmission initiatives will substantially improve transmission from those areas into our primary load center in the Twin Cities. Furthermore the transmission infrastructure between the Twin Cities and other parts of the Midwest ISO footprint appears inadequate to accommodate the ebb and flow of expected 2020 wind generation. It will be important to coordinate the planning of wind resources with the transmission necessary to integrate it into the electrical system. The Company is working with MISO and other stakeholders on these challenges.
- **Midwest ISO Interconnection Queue.** MISO has reformed its interconnection queue process over the past several years, which has resulted in substantially reducing the lag time between making an interconnection request and executing a signed interconnection agreement. These changes appear to have resolved the problem of having thousands of MW of projects ready for development, but waiting years for interconnection studies. However, there has also been a lull in wind project development due to uncertainty about extension of the Federal production tax credit (PTC), which has dampened interconnection request activity. The Company will continue to monitor the interconnection queue process, and its effect on the aforementioned lag time, as more is known about PTC extension.
- **PTC/ITC Extension Uncertainty.** As of this filing date, Congress may extend or modify the current Federal production tax credit, which requires that construction commence by December 31, 2013 and commercial energy production begin no later than December 31, 201X. ?????????????? Neither has Congress acted to re-instate the Investment Tax Credit (ITC), which produces a similar economic/pricing benefit for wind power projects as does the PTC. Without the PTC/ITC benefit, it will become very challenging for wind generation to be cost-competitive with natural gas generation alternatives with natural gas pricing expected to be less than \$X.XX/MMBtu in real terms over the next XX to XX years.

**5.E.3(iv) Potential solutions to the obstacles**

See part 5.E.3(iii) for detailed descriptions of potential obstacles in meeting the Renewable Energy Standard.

**5.G. List any renewable generation facilities expected to become operational during the upcoming year**

*Note: Projects that will be assigned to the Solar Energy Standard are not included below.*

Facility Name	type	Capacity (MW)	Cap. Factor (%)	Expected Comm'l Operation Date
None in 2014				

**5.K. Identify efforts taken to adequately protect against undesirable economic impacts on ratepayers, including, but not limited to keeping customer's bills and the utility's rates as low as practicable, given regulatory and other constraints.**

In an effort to acquire low cost wind energy, the Company issued an RFP in early 2013. The timing of the RFP permitted the projects to qualify for the PTC tax benefits. The Company will continue to take advantage of market opportunities, as these are identified as beneficial to the rate payer.

Utility Name	Utility ID
Akron Public Utilities	142
Alaquilla Cooperative	1
Albia Public Utilities	1
Albion Light & Power	3
Albion Electric Coop	26
Albion Electric Coop, Inc	4
Albion Utilities	277
Albion Public Utilities Commission	117
Albion Municipal Power	150
Albion Electric Power Association	3008
Albion Electric Coop, Inc	29
Albion Municipal Utilities	30
Albion Public Utilities	144
Albion Public Utilities	144
Albion Light & Water Dept	138
Albion Electric Public Coop	11
Albion Public Utilities	11
Albion Public Utilities	14
Albion Co Rural Electric Assn	6
Albion Municipal Light & Power	206
Albion Utilities	206
Albion Co. Coop Power Assn	7
Albion Municipal Power Agency	3008
Albion Public Utilities	238
Albion	139
Albion	201
Albion	202
Albion	53
Albion	142
Albion	142
Albion	201
Albion Light & Power	201
Albion	32
Albion Electric Dept	13
Albion	34
Albion	228
Albion	228
Albion Electric Commission	15
Albion Falls	156
Albion	156
Albion Utility Department	31
Albion Electric Dept	218
Albion Electric Dept	160
Albion	211
Albion	211
Albion	24
Albion	63
Albion	233
Albion	212
Albion	227
Albion	80
Albion	24
Albion Electric System	218
Albion Electric System	218
Albion	251
Albion	103
Albion	103
Albion	251
Albion	154
Albion	118
Albion	120
Albion	120
Albion	225
Albion	139
Albion Electric Coop	18
Albion Power Assn	133
Albion Light & Power	8
Albion	26
Albion Power & Light, Inc.	109
Albion Power Coop	109
Albion Electric Assn	10
Albion Electric Dept	206
Albion Municipal Utilities	146
Albion Public Utility	80
Albion Municipal Utilities	16
Albion Municipal Utilities	16
Albion Public Utility	174
Albion Electric Dept	206
Albion Municipal Power	177
Albion Municipal Utilities	146
Albion Municipal	146
Albion Public Utility	141
Albion Rural Electric Assn	63
Albion Municipal Utilities	170
Albion Power Coop, Inc	41
Albion Light & Power	156
Albion Light & Power Commission	42
Albion County Electric Assn	43
Albion Public Utilities	44
Albion Public Utilities Commission	44
Albion Electric	212
Albion City Electric Dept	208
Albion Municipal Utilities	48
Albion Public Utility	47
Albion Electric Coop, Inc	201
Albion Electric Coop	49
Albion Electric Power District	3008
Albion Power Coop	205
Albion Public Utilities Commission	160
Albion Public Utilities Commission	49
Albion Power and Light Company (Albion)	50
Albion Electric Coop	205
Albion Electric Assn	18
Albion Municipal Utility	139
Albion Electric Dept	19
Albion Public Utility	26
Albion Municipal Utilities	153
Albion Public Utility	207
Albion Utility Board	56
Albion County Power	14
Albion Municipal Utilities	14
Albion Public Utilities	213
Albion Electric Coop	19
Albion Municipal Utilities	58
Albion Public Utility	54
Albion Municipal Utilities	61
Albion Public Utilities	61
Albion Electric Coop, Inc	20
Albion Municipal Light & Power	66
Albion Municipal Utilities	110
Albion Municipal Utilities	151
Albion Power Assn	64
Albion Light & Power Assn	66
Albion Public Utilities	67
Albion Electric Dept	21
Albion Municipal Power Agency	3001
Albion Power Co	68
Albion Valley Coop Light & Power Assn	28
Albion Valley Electric Coop	70
Albion Power Coop	68
Albion Electric Services	3002
Albion Public Services	81
Albion Light & Light Commission	72
Albion Municipal Utilities	72
Albion Light & Light Dept	74
Albion Light & Light Dept	74
Albion Municipal Utilities	154
Albion Public Utilities	75
Albion Public Utilities Commission	137
Albion Public Utilities	76
Albion Cooperative Electric	148
Albion Municipal Light & Light	78
Albion Electric Coop	79
Albion Electric Coop	79
Albion Electric Coop	83
Albion Municipal Power Agency	3007
Albion Electric Coop Assn	80
Albion Municipal Power Agency	3005
Albion Municipal Electric Dept	86
Albion Light Department	86
Albion Light Dept	86
Albion Public Utilities	88
Albion Electric Services	88
Albion Utilities	417
Albion Electric Assn	29
Albion Public Utilities	170
Albion Public Utilities	90
Albion Public Utilities	90
Albion Electric Coop	94
Albion Valley Coop Power Assn	94
Albion Electric Coop	96
Albion Public Utilities	97
Albion Valley Coop Power Assn	98
Albion Public Utilities	98
Albion Electric Coop	100
Albion Municipal Light & Light	100
Albion Electric Assn	102
Albion Public Utilities	102
Albion Public Utilities	107
Albion Municipal Light Dept	221
Albion Valley Cooperative Electric	110
Albion Public Utility	143
Albion Electric Assn	109
Albion Municipal Power Agency	194
Albion Public Utilities Comm	111
Albion Public Utilities Comm	134
Albion Light & Water	104
Albion Municipal Light & Power	105
Albion Municipal Utilities	109
Albion Electric Assn	113
Albion Electric Dept	114
Albion Electric Dept	222
Albion Public Utility	114
Albion Electric Coop	117
Albion Electric Coop, Inc	116
Albion Electric Coop	116
Albion Public Utilities	180
Albion Dept. of Public Utilities	142
Albion Light & Water	123
Albion Municipal Light & Power	123
Albion Public Utilities	90
Albion Public Utilities	224
Albion Municipal Power Agency	3004
Albion Electric Coop	170
Albion Municipal Utilities	161
Albion Municipal Utilities	149
Albion Public Utilities	130
Albion Electric Assn	80

Instructions

**Minnesota Public Utilities Commission**  
**DOCKET NO. E999/PR-14-12**  
**DOCKET NO. E999/PR-14-237**

**Minnesota Department of Commerce**  
**DOCKET NO. E999/PR-02-1240**

**Renewable Energy Certificate Retirement Report for**  
**RENEWABLE ENERGY STANDARDS and GREEN PRICING PROGRAMS**  
**Attachement B: REC Sales and Purchases**

**For the Reporting Period:**  
**January 1, 2012 - December 31, 2013**

**Instructions**

**note:** items in red indicate changes in reporting from previous year

**Due:** June 1<sup>st</sup>, 2014

Complete the following worksheets and e-file in **Excel (XLS or XLSX)** format:

Worksheet B.1, Utility Info

Worksheet B.2, RECs Bought and Sold During the Reporting Period

To e-file, login, or register, at: <https://www.edockets.state.mn.us/EFiling/home.jsp>  
for directions on how to e-file, see: <http://www.commerce.state.mn.us/eDocFile/eFilingHelp.html>

For questions about Renewable Energy Certificate retirement or compliance with Renewable Energy Standards, contact Susan Mackenzie at 651-201-2241 or at [susan.mackenzie@state.mn.us](mailto:susan.mackenzie@state.mn.us) .

For questions about Green Pricing or about filling out this spreadsheet, send an email to:  
[DG.Energy@state.mn.us](mailto:DG.Energy@state.mn.us).

For questions about e-filing, contact Karen Santori at 651-539-1530 or at [karen.santori@state.mn.us](mailto:karen.santori@state.mn.us) .

Yellow cells - Information provided by utility

Pink cells - Calculated data

Green cells - Headers and instructions

Blue cells - Lists of codes





