

Instructions

Minnesota Public Utilities Commission
DOCKET NO. E999/PR-16-12
DOCKET NO. E999/PR-16-83

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 Retirement Compliance Reporting

For the Reporting Period:
January 1, 2015 - December 31, 2015*

*Exception for Worksheet A.6: **Ordering pt. 4C** requires reporting REC sales & purchases for the **2 preceding calendar years**.

Instructions

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

Due: June 1st, 2016

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**
- Worksheet A.6, 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 .

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

DG.Energy@state.mn.us.

For questions about e-filing, contact Karen Santori at 651-539-1530 or at 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

Renewable Energy Certificate Retirement Report for
RENEWABLE ENERGY STANDARDS and GREEN PRICING PROGRAMS

Minnesota Public Utilities Commission
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Attachment A.1

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

**Renewable Energy Certificate Retirement Report for
Renewable Energy Standards and Green Pricing
Programs for the Reporting Period:**

January 1, 2015 - December 31, 2015

REPORT YEAR	2015
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DATE SUBMITTED	
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FILING UTILITY INFORMATION	
COMPANY ID #	69
COMPANY NAME	Minnkota Power Cooperative, Inc.
STREET ADDRESS LINE 1	P.O. Box 13200
STREET ADDRESS LINE 2	
CITY	Grand Forks
STATE	ND
ZIP CODE	58208-3200

CONTACT INFORMATION	
CONTACT NAME	Craig Rustad
CONTACT TITLE	Accounting Manager
CONTACT TELEPHONE	701-795-4261
CONTACT E-MAIL	crustad@minnkota.com

COMMENTS/NOTES	
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FILING FOR RENEWABLE ENERGY STANDARDS ON BEHALF OF:			
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UTILITY NAME	UTILITY NAME	UTILITY NAME	UTILITY NAME
Beltrami Electric Cooperative	Bagley Public Utilities		
Clearwater-Polk Electric Coop	Baudette Municipal Utilities		
North Star Electric Cooperative	Fosston Municipal Utilities		
PKM Electric Cooperative	Halstad Municipal Utilities		
Red Lake Electric Cooperative	Hawley Public Utilities		
Red River Valley Coop Power	Roseau Municipal Utilities		
Roseau Electric Cooperative	City of Stephen Utilities		
Wild Rice Electric Cooperative	Thief River Falls Municipal Utilities		
	City of Warren Water and Light		
	Warroad Municipal Utilities		

FILING FOR GREEN PRICING PROGRAMS ON BEHALF OF:			
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UTILITY NAME	UTILITY NAME	UTILITY NAME	UTILITY NAME
Beltrami Electric Cooperative	Bagley Public Utilities		
Clearwater-Polk Electric Coop	Baudette Municipal Utilities		
North Star Electric Cooperative	Fosston Municipal Utilities		
PKM Electric Cooperative	Halstad Municipal Utilities		
Red Lake Electric Cooperative	Hawley Public Utilities		
Red River Valley Coop Power	Roseau Municipal Utilities		
Roseau Electric Cooperative	City of Stephen Utilities		
Wild Rice Electric Cooperative	Thief River Falls Municipal Utilities		
	City of Warren Water and Light		
	Warroad Municipal Utilities		

Renewable Energy Certificate Retirement Report for
RENEWABLE ENERGY STANDARDS and GREEN PRICING PROGRAMS

*UTILITY ID #	UTILITY	RETAIL SALES AMOUNT (MWh)	NOTES

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Attachment A.5

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*

2025

*Include banked Renewable Energy Credits (RECs)

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

Year	actual/projected MN retail sales (MWh)	RES Req. (%)	RES Req. (MWh)	Projected Resources (MWh)	Projected Surplus/ (Deficit) (MWh)
2015	1,534,364	12%	184,124	1,226,769	1,042,645
2016	1,718,984	17%	292,227	1,241,814	949,587
2017	1,741,300	17%	296,021	1,724,379	1,428,358
2018	1,805,527	17%	306,940	1,725,355	1,418,415

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.

State	RES Req. (MWh)	RES Req. (%)	Percent of utility's total system renewable generation apportioned to this state (%)*
ND	205,702	10%	53%

*apportionment of renewable energy should reflect each state's percentage of the utility's total system sales.

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

Minnkota and Northern's existing renewable resources consist of the following:			
		kW	Vintage
Langdon, ND	Wind PPA	139,500	2008
Ashtabula, ND	Wind PPA	148,500	2009
Ashtabula II, ND	Wind PPA	69,000	2009
Subtotal		357,000	
Infinity - Valley City	Wind	900	2002
Infinity - Petersburg	Wind	900	2002
Fargo Landfill, ND	Biomass	800	2009
Polk Co. Solid Waste, MN	Biomass	400	2009
		360,000	

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

The following table depicts Minnkota and Northern's total retail sales in Minnesota and respective REC's retired for 2008-2015.

Year	Minnkota MWhs	Northern MWhs	Total MWhs	MN REO/RES %	REC's Retired
2008	1,468,508	382,398	1,850,906	1%	18,509
2009	1,493,481	377,316	1,870,797	1%	18,708
2010	1,269,592	257,180	1,526,772	7%	106,874
2011	1,284,104	257,918	1,542,022	7%	107,942
2012	1,220,416	241,074	1,461,490	12%	175,379
2013	1,358,442	259,658	1,618,100	12%	194,172
2014	1,420,940	271,776	1,692,716	12%	203,126

Renewable Energy Certificate Retirement Report for
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2015	1,279,655	254,709	1,534,364	12%	184,124
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5.E.3(iii) Obstacles encountered or anticipated in meeting the objective or standards

Minnkota has not encountered any obstacles in meeting the Minnesota Renewable Energy Standard. As of December 31, 2015, the Minnkota and Northern joint system had wind generation that accounted for over 30% of its member's retail sales. These wind resources are sufficient to meet the renewable energy mandates in Minnesota.
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5.E.3(iv) Potential solutions to the obstacles

Not applicable.

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

Facility Name	type	Capacity (MW)	Cap. Factor (%)	Expected Comm'l Operation Date
Oliver 3	Wind	100	50%	12/31/16

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.

Minnkota has secured long-term renewable wind purchase contracts that are sufficient to meet the Minnesota mandate requirements each year. However, this has put Minnkota in a surplus situation in the near term with its generation resources, including wind, being greater than its member load for parts of the year. Minnkota has negotiated long-term firm contracts with several regional utilities to sell a portion of its surplus power at higher than short-term market rates. This action has mitigated some of the undesirable economic impacts on the Minnkota/Northern joint system rate payers.
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UTILITY NAME	UTILITY ID
Adams Public Utilities	146
Agawam Cooperative	1
Ajax Public Utilities	3
Alexandria Light & Power	3
Andra Electric Coop	26
Annandale Electric Coop, Inc	4
Aurora Utilities	177
Baker Public Utilities Commission	117
Barnstable Municipal Power	156
Barnes Electric Power Association	3008
Bathurst Electric Coop, Inc.	29
Benton Municipal Utilities	30
Bethesda Public Utilities	146
Birmingham Public Utilities	146
Blue Earth Light & Water Dept	138
Blue Hill Electric Public Utility	146
Boakland Public Utilities	11
Boonville Public Utilities	146
Bowen Co Rural Electric Assn	6
Bozeman Municipal Light & Power	206
Bradford Public Utilities	206
Bradford Co. Coop Power Assn	7
Central MA Municipal Power Agency	3008
Canton Public Utilities	238
City of Ada	199
City of Akiba	201
City of Alameda	202
City of Anoka	53
City of Andover	146
City of Andover	146
City of Appleton	201
City of Appleton Light & Power	201
City of Buffalo	32
City of Calhoun Electric Dept	13
City of Chaska	34
City of Chaska	228
City of Durand	228
City of Elk River Utilities Commission	156
City of Grants Falls	156
City of Hastings	156
City of Hastings Utility Department	31
City of Helena Electric Dept	218
City of Helena Electric Dept	146
City of Jackson	211
City of Kandiyohi	211
City of Kandiyohi	211
City of Kasson	24
City of Keosauqua	63
City of Malott	233
City of Newfriesen	218
City of Newville	227
City of North St Paul	86
City of Olivia	24
City of Oshtemo Electric System	218
City of Parkville Electric System	218
City of Redwood Falls	218
City of Redwood Falls	103
City of Redwood Falls	251
City of Storm Lake	154
City of Stambaugh	114
City of Two Harbors	118
City of Tyler	120
City of Webster	228
City of Westport	138
Chambers Fork Electric Coop	8
Chaska Power Assn	133
Chaska Light & Power	8
Chaska Water & Sewer & Light, Inc.	26
Champion Power Coop	109
Dakota Electric Assn	16
Dallas Electric Dept	206
Dallas Municipal Utilities	146
Denon Lakes Public Utility	86
East Central Energy	16
East Grand Forks Water & Light Dept	174
East River Electric Power Coop, Inc	206
Elmer Light and Power	177
Elmore Lake Municipal Power	26
Elmore Municipal Utilities	146
Fairfax Municipal	146
Farmington Public Utility	141
Farmington Rural Electric Assn	63
Foxton Municipal Utilities	170
Freedom Power Coop, Inc	41
Gilbert Water & Light	156
Glenn Light & Power Commission	42
Goodhue County Coop Electric Assn	43
Grand Marais Public Utilities	17
Grand Rapids Public Utilities Commission	44
Grand Rapids Energy	171
Green City Electric Dept	208
Hastings Municipal Utilities	48
Hastings Public Utilities	47
H.D. Electric Coop, Inc.	206
Head of the Lakes Electric Coop	48
Headland Commerce Power District	3008
Headland Power Coop	206
Hibbing Public Utilities Commission	163
Hibbing Public Utilities Commission	48
Hibbing Power and Light Company (Albany)	52
Horn Lake Electric Coop	206
Isaska Municipal Coop Electric Assn	18
Irondequoit Municipal Utility	138
Kanaboth Power Coop	19
Kanaboth Public Utility	26
Kennett Municipal Utilities	153
Kennett Municipal Utilities	153
Lake O Power Cooperative	207
Lake City Utility Board	56
Lake County Power	14
Lake Park Public Utilities	213
Lake Region Electric Coop	19
Lakeland Municipal Utilities	28
Lansdowne Public Utility	214
Le Sueur Municipal Utilities	61
Le Sueur Public Utilities	61
Lyon-Lynch Electric Coop, Inc.	20
Maddis Municipal Light & Power	66
Maddis Municipal Utilities	110
Margaret Municipal Utilities	151
Marquette Power Assn	64
Marquette Coop Light & Power Assn	66
Marquette Public Utilities	67
May Lake Electric Coop	21
Minnesota Municipal Power Agency	3001
Minnesota Power Co	68
Minnesota Valley Coop Light & Power Assn.	28
Minnesota Valley Electric Coop	70
Minnesota Power Coop	68
Minnesota Rural Energy Services	3002
Mountain Public Services	81
Mount Lake Water & Light Commission	77
Moore Municipal Utilities	77
Movantton Water & Light Dept	74
Movantton Water & Light Dept	74
Mountain Lake Municipal Utilities	154
Mountain Public Utilities	75
New Paltz Public Utilities Commission	137
New Sun Public Utilities	78
North Cooperative Electric	148
North Branch Municipal Water & Light	78
North Branch Electric Coop	79
North Pine Electric Coop	79
North Star Electric Coop	63
Northwest Minnesota Municipal Power Agency	3007
Northern Electric Coop Assn	65
Northern Municipal Power Agency	3005
Northwestern Minnesota Electric Co	168
Onamia Light Department	86
Oneida Fall Power Co	86
Oshtemo Public Utilities	88
Oshtemo Cooperative Services	88
Oswego Utilities	417
Oak Electric Coop, Inc.	26
Oriston Public Utilities	170
Oriston Public Utilities	96
Oriston Public Utilities	96
Oriskany Electric Coop	94
Oriskany Valley Coop Power Assn	94
Oriskany Electric Coop	96
Oriskany Falls Public Utilities	97
Oriskany Shady Coop Power Assn	96
Oriskany Public Utilities	96
Oriskany Electric Coop	100
Oriskany Municipal Water & Light	100
Oriskany Electric Assn	102
Oriskany Public Utilities	108
Oriskany Public Utilities	107
Oriskany Municipal Light Dept	221
Oriskany Valley Cooperative Electric	110
Oriskany Fall Public Utility	143
Oriskany Electric Assn	109
Southern MN Municipal Power Agency	194
Oriskany Valley Public Utilities Comm	111
Oriskany Public Utilities Comm	104
St. Charles Light & Water	124
St. James Municipal Light & Power	105
St. James Municipal Utilities	149
Oshtemo Coop Electric Assn	113
Oshtemo Municipal Electric	114
Oshtemo Electric Dept	222
Oshtemo Falls Municipal Utility	114
Oshtemo Valley Electric Coop	117
Oshtemo Electric Coop, Inc.	116
Oshtemo Electric Coop	116
Oshtemo Public Utilities	180
Oshtemo Dept. of Public Utilities	142
Oshtemo Light & Water	123
Oshtemo Municipal Light & Power	177
Owasa Utility	126
Owasa Public Utilities	92
Oshtemo Public Utilities	224
Oshtemo Municipal Power Agency	3004
Oshtemo Electric Coop	177
Oshtemo Municipal Utilities	161
Oshtemo Municipal Utilities	149
Oshtemo Public Utilities	130
Oshtemo Municipal Electric Assn	130
Oscoda Energy	86