Minnesota Public Utilities Commission Docket No. E999/PR-19-12

Minnesota Department of Commerce Docket No. E999/PR-02-1240

# Renewable Energy Certificate Retirement Report for Renewable Energy Standards and Green Pricing Programs REC Retirement Compliance Reporting

Due: June 1st, 2019

For the Reporting Period:

January 1, 2018 - December 31, 2018\*

\*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

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

Worksheet 1, Utility Info

Worksheet 2, Renewable Energy Standard Retail Sales

Worksheet 3, Green Pricing Program Retail Sales

Worksheet 4, RES & Green Pricing REC Retirements

Worksheet 5, Biennial Compliance Reporting

Worksheet 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: <a href="http://www.commerce.state.mn.us/eDocFile/eFilingHelp.html">http://www.commerce.state.mn.us/eDocFile/eFilingHelp.html</a>

For questions about Renewable Energy Certificate retirement or compliance with Renewable Energy Standards, contact Kelly Martone at 651-201-2245 or at kelly.martone@state.mn.us.

For questions about Green Pricing or about filling out this spreadsheet, send an email to: <a href="mailto:Clean.Energy@state.mn.us">Clean.Energy@state.mn.us</a>.
For questions about e-filing, contact Karen Santori at 651-539-1530 or at karen.santori@state.mn.us.

Minnesota Public Utilities Commission: [	Docket No. E999/PR-19-12		Attachment		
Minnesota Department of Commerce: D	ocket No. E999/PR-02-1240	Reporting Period: January 1, 2018 - December 31, 2018			
Renewable Energy Cer	tificate Retirement Report for Re	enewable Energy Standa	rds and Green Pricing Programs		
Report Year	2010	Date Submitted	Ameril		
Report Year	2018	Date Submitted	April		
FILING LITHET	Y INFORMATION	T .	CONTACT INFORMATION		
Company ID #	268	Contact Name			
			Richard Burud		
Company Name Street Address Line 1	Southern Minnesota Energy Coopertive P.O. Box 626	Contact Title	General Manager 507-841-0244		
Street Address Line 1 Street Address Line 2	P.O. BOX 020	Contact Telephone Contact E-Mail	rgburud@msn.com		
	Rushford	CONTACT E-IVIAII	COMMENTS/NOTES		
City		F F Alli t O	<u> </u>		
State	Minnesota 55971	For Former Alliant Consumers	IN MIN		
Zip Code	55971				
	Filing for <b>RENEWABLE ENER</b>	GY STANDARDS on beha	ulf of:		
Utility Name	Utility Name	Utility Name	Utility Name		
Southern Minnesota Energy Coooperativ	<del>-</del>		, ,		
	Filing for GREEN PRICING	PROGRAMS on behalf of	of:		
Utility Name	Utility Name	Utility Name	Utility Name		
BENCO Electric					
Brown County Electrical Assn					
Federated Rural Electric Assn(1)					
Freeborn Mower Cooperative Services					
Minnesota Valley Electric Cooperative					
Nobles Cooperative Electric					
Peoples Energy Cooperative					
Redwood Electric Cooperative					
Sioux Valley Energy					
South Central Electric Assn					
Steele Waseca Cooperative Electric					
Tri-County Electric Cooperative(MiEnerg	у)				

(1) Village of Dundee is served by Federated Rural Electric Assn. Dundee sales are included in their cooperative sales.

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Reporting Period: January 1, 2018 - December 31, 2018

## **Total Retail Sales to Minnesota Customers and**

### Renewable Energy Certificates Required to be Retired for RENEWABLE ENERGY STANDARD Compliance

Retail Sales Total	867,140
RES Percentage Obligation	17%
RECs Required to be Retired	147,414
Actual RECs Retired	147,418

Enter current reporting year data.

Utility ID #	Utility	Retail Sales Amount (MWh)	Note	tes
10	BENCO Electric	118,466	6	
6	Brown County Electrical Assn	8,068	8	
40	Federated Rural Electric Assn(1)	66,640	0	
41	Freeborn Mower Cooperative Services	274,224	<mark>.4</mark>	
70	Minnesota Valley Electric Cooperative	63,567	7	
148	Nobles Cooperative Electric	23,443	.3	
89	Peoples Energy Cooperative	116,268	8	
96	Redwood Electric Cooperative	36,005	5	
110	Sioux Valley Energy	15,755	55	
109	South Central Electric Assn	27,090	0	
114	Steele Waseca Cooperative Electric	66,640	.0	
118	MiEnergy	50,974	<b>'4</b>	
228	(1) Village of Dundee included - 718.08	3 MWh		
			<del></del>	

Utility ID #	Utility	Retail Sales Amount (MWh)	Notes

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Reporting Period: January 1, 2018 - December 31, 2018

### **GREEN PRICING Program Sales**

TOTAL GREEN PRICING Sales (MWh)	3,826
RECS retired for GREEN PRICING programs	3,827

Worksheet I) Utility Name Program Name Customers (MWh) (S/kWh) Notes  10 BENCO Electrical Renewable Energy 38 425	tility ID#			No. of Program	nunity solar, and t Program Sales	Retail Rate		
6 Brown County Electrical Assn Green Plan 9 116 40 Federated Rural Electric Assn Renewable Energy 16 157 41 Freeborn Mower Cooperative Service Renewable Energy 128 1,185 70 Minnesota Valley Electric Cooperative Green Plan 26 156 148 Nobles Cooperative Electric Living Green 23 149 89 Peoples Energy Cooperative Renewable Energy 84 735 96 Redwood Electric Cooperative Renewable Energy 23 147 110 Sioux Valley Energy Renewable Energy 15 145 109 South Central Electric Assn Renewable Energy 16 132 114 Steele Wasseca Cooperative Electric Renewable Energy 16 132  Sioux Valley Energy Cooperative Electric Renewable Energy 16 132  Sioux Valley Energy Renewable Energy 16 132		Utility Name	Program Name	Customers	(MWh)	(\$/kWh)	Notes	
Federated Rural Electric Assn Renewable Energy 16 157   41 Freeborn Mower Cooperative Service Renewable Energy 128 1,185   70 Minnesota Valley Electric Cooperative Green Plan 26 156   148 Nobles Cooperative Electric Living Green 23 149   89 Peoples Energy Cooperative Renewable Energy 80.128 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1209 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1209 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1209 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1209 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1209 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1209 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1209 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1209 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1209 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1209 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1209 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1209 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1209 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1209 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1209 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1209 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1209 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1209 This is the blended cost. 25/100;50/50 and 1	10	BENCO Electric	Renewable Energy	38	425	\$0.1110	This is the blended cost. 25/1	00;50/50 and 100/0 renewables/conventional with s.charge
Freeborn Mower Cooperative Service Renewable Energy  Minnesota Valley Electric Cooperative Green Plan  Mobles Cooperative Electric  Renewable Energy  Renewa	6	Brown County Electrical Assn	Green Plan	9	116	\$0.0866	This is the blended cost. 25/1	00;50/50 and 100/0 renewables/conventional with s.charge
Minnesota Valley Electric Cooperative Green Plan  26 156 148 Nobles Cooperative Electric Living Green 23 149 89 Peoples Energy Cooperative Renewable Energy 84 735 96 Redwood Electric Cooperative Renewable Energy 10 Sioux Valley Energy Renewable Energy Renewable Energy 10 South Central Electric Assn Renewable Energy 11 Steele Wasseca Cooperative Electric Renewable Energy 16 18 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10	40	Federated Rural Electric Assn	Renewable Energy	16	157	\$0.1150	This is the blended cost. 25/1	00;50/50 and 100/0 renewables/conventional with s.charge
Nobles Cooperative Electric  Living Green  23  149  89  Peoples Energy Cooperative  Renewable Energy	41	Freeborn Mower Cooperative Services	Renewable Energy	128	1,185	\$0.1209	This is the blended cost. 25/1	00;50/50 and 100/0 renewables/conventional with s.charge
89 Peoples Energy Cooperative Renewable Energy 84 735 96 Redwood Electric Cooperative Renewable Energy 23 147 110 Sioux Valley Energy Renewable Energy 10 93 109 South Central Electric Assn Renewable Energy 15 145 114 Steele Waseca Cooperative Electric Renewable Energy 16 132  84 735 90.1348 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1234 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1307 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1260 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1260 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1260 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1260 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1260 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1260 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1260 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1260 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1260 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1260 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1260 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1260 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1260 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1260 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1260 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1260 This is the blended cost. 25/100;50/50 and 1	70	Minnesota Valley Electric Cooperative	Green Plan	26	156	\$0.1209	This is the blended cost. 25/1	00;50/50 and 100/0 renewables/conventional with s.charge
96 Redwood Electric Cooperative Renewable Energy 23 147 110 Sioux Valley Energy Renewable Energy 10 93 109 South Central Electric Assn Renewable Energy 15 145 114 Steele Waseca Cooperative Electric Renewable Energy 16 132 150 Renewable Energy 17 15 145 160 Redwood Electric Cooperative Renewable Energy 17 15 145 17 17 16 Sioux Valley Energy 18 15 145 18 18 18 18 18 18 18 18 18 18 18 18 18 1	148	Nobles Cooperative Electric	Living Green	23	149	\$0.1266	This is the blended cost. 25/1	00;50/50 and 100/0 renewables/conventional with s.charge
110 Sioux Valley Energy Renewable Energy 10 93 \$0.1307 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charg \$0.1260 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charg \$0.1260 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charg \$0.1075 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charg \$0.1075 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charg	89	Peoples Energy Cooperative	Renewable Energy		735	\$0.1348	This is the blended cost. 25/1	00;50/50 and 100/0 renewables/conventional with s.charg
109 South Central Electric Assn Renewable Energy 15 145 \$0.1260 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1075 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1075 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge \$0.1075 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge	96	Redwood Electric Cooperative	Renewable Energy	23	147	\$0.1234	This is the blended cost. 25/1	00;50/50 and 100/0 renewables/conventional with s.charg
114 Steele Waseca Cooperative Electric Renewable Energy 16 132 \$0.1075 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charge	110	Sioux Valley Energy	Renewable Energy	10	93	\$0.1307	This is the blended cost. 25/1	00;50/50 and 100/0 renewables/conventional with s.charg
	109	South Central Electric Assn	Renewable Energy	15	145	\$0.1260	This is the blended cost. 25/1	00;50/50 and 100/0 renewables/conventional with s.charg
MiEnergy   Renewable Energy   42   386   \$0.1270 This is the blended cost. 25/100;50/50 and 100/0 renewables/conventional with s.charg	114	Steele Waseca Cooperative Electric	Renewable Energy	16	132	\$0.1075	This is the blended cost. 25/1	00;50/50 and 100/0 renewables/conventional with s.charge
	118	MiEnergy	Renewable Energy	42	386	\$0.1270	This is the blended cost. 25/1	00;50/50 and 100/0 renewables/conventional with s.charge

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

Attachment 4

Minnesota Public Utilities Commission: Docket No. E999/PR-02-1240

Reporting Period:

January 1, 2018 - December 31, 2018

Renewable Energy Standard REC Retirement Account Name:

Green Pricing REC Retirement Account Name:

2018 Southern MN Energy MN RES

2018 Southern MN Energy Green Pricing

	Total RECs		147,418	3,827	1 REC = 1 MWh
			RECS retired for		
			RENEWABLE		
			ENERGY	RECS retired for	
			STANDARD	GREEN	
MRETS ID	•	Generator Fuel Type	compliance	PRICING programs	NOTES
M218	G. McNeilus Wind Farm - G. McNeilus W	Wind	2659		
M261	Prairie Star Wind Farm - High Prairie Will	Wind	1110		
M218	G. McNeilus Wind Farm - G. McNeilus W	Wind	1419		
M481	Winnebago Wind Farm - Winnebago Win		2181		
M218	G. McNeilus Wind Farm - G. McNeilus W	Wind	2726		
M471	Brewster Wind - Brewster Wind	Wind	717		
M266	Hawkeye Power Partners LLC - Hawkeye	Wind	7634		
M218	G. McNeilus Wind Farm - G. McNeilus W	Nind	2987		
M261	Prairie Star Wind Farm - High Prairie Will	Nind	1057		
M471	Brewster Wind - Brewster Wind	Nind	743		
M266	Hawkeye Power Partners LLC - Hawkeye	Nind	6247		
M218	G. McNeilus Wind Farm - G. McNeilus W	Nind	4751		
M481	Winnebago Wind Farm - Winnebago Win	Nind		1625	
M261	Prairie Star Wind Farm - High Prairie Will	Nind	588		
M471	Brewster Wind - Brewster Wind	Wind	610		
M266	Hawkeye Power Partners LLC - Hawkeye	Wind	8032		
M266	Hawkeye Power Partners LLC - Hawkeye	Wind	6279		
M266	Hawkeye Power Partners LLC - Hawkeye	Wind	5173		
M779	Ag Land Energy 1 and 3 - Ag Land Energy	Wind	724		
M266	Hawkeye Power Partners LLC - Hawkeye	Wind	9869		
M266	Hawkeye Power Partners LLC - Hawkeye	Wind	8591		
M266	Hawkeye Power Partners LLC - Hawkeye	Wind	5494		
M266	Hawkeye Power Partners LLC - Hawkeye	Wind	3744		
M266	Hawkeye Power Partners LLC - Hawkeye	Wind	3690		
M266	Hawkeye Power Partners LLC - Hawkeye	Wind	6775		
M266	Hawkeye Power Partners LLC - Hawkeye	Wind	6526		
M779	Ag Land Energy 1 and 3 - Ag Land Energy	Wind	618		
M481	Winnebago Wind Farm - Winnebago Win	Wind	34		
M218	G. McNeilus Wind Farm - G. McNeilus W	Wind	3296		

			RECS retired for RENEWABLE ENERGY	RECS retired for
			STANDARD	GREEN
MRETS ID	MRETS Generator Facility Name	Generator Fuel Type	compliance	PRICING programs NOTES
M481	Winnebago Wind Farm - Winnebago Win	Wind	1980	
M261	Prairie Star Wind Farm - High Prairie Wi	Wind	1087	
M779	Ag Land Energy 1 and 3 - Ag Land Energ	Wind	694	
M779	Ag Land Energy 1 and 3 - Ag Land Energ	Wind	586	
M779	Ag Land Energy 1 and 3 - Ag Land Energ	Wind		563
M779	Ag Land Energy 1 and 3 - Ag Land Energ	Wind	527	
M779	Ag Land Energy 1 and 3 - Ag Land Energ	Wind	504	
M779	Ag Land Energy 1 and 3 - Ag Land Energ	Wind	461	
M779	Ag Land Energy 1 and 3 - Ag Land Energ		455	
M779	Ag Land Energy 1 and 3 - Ag Land Energ	Wind	388	
M779	Ag Land Energy 1 and 3 - Ag Land Energ	Wind	370	
M779	Ag Land Energy 1 and 3 - Ag Land Energ	Wind	321	
M454	Osceola Windpower, LLC - Osceola Win	Wind	27500	
M471	Brewster Wind - Brewster Wind	Wind	582	
M471	Brewster Wind - Brewster Wind	Wind	801	
M471	Brewster Wind - Brewster Wind	Wind	758	
M471	Brewster Wind - Brewster Wind	Wind	667	
M471	Brewster Wind - Brewster Wind	Wind	502	
M471	Brewster Wind - Brewster Wind	Wind	286	
M471		Wind	259	
M471	Brewster Wind - Brewster Wind	Wind		496
M471		Wind	399	
M471		Wind	791	
M471		Wind	508	
M471		Wind		529
M471		Wind	503	
M471		Wind	542	
M471		Wind	443	
M471		Wind	626	
M471		Wind		614
M471	Brewster Wind - Brewster Wind	Wind	604	