

## Instructions

Minnesota Public Utilities Commission  
Docket No. E999/PR-22-12 and Docket No. E999/M-22-85

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, 2022**

For the Reporting Period:

January 1, 2021 - December 31, 2021\*

\*Exception for Worksheet 7: **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 (RES)
- Worksheet 3, Green Pricing Program Retail Sales (GP)
- Worksheet 4, Solar Energy Standard Retail Sales (SES)
- Worksheet 5, RES, SES, and Green Pricing Program REC Retirements
- Worksheet 6, Biennial Compliance Reporting Requirements**
- Worksheet 7, 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 Michelle Rosier, at [michelle.rosier@state.mn.us](mailto:michelle.rosier@state.mn.us) or (651) 201-2212 or Trey Harsch, at [trey.harsch@state.mn.us](mailto:trey.harsch@state.mn.us) or (651) 201-2232

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

For questions about e-filing, email [efiling.admin@state.mn.us](mailto:efiling.admin@state.mn.us)

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

Minnesota Public Utilities Commission: Docket No. E999/PR-22-12 and Docket No. E999/M-22-85	<b>Attachment 1</b>
Minnesota Department of Commerce: Docket No. E999/PR-02-1240	Reporting Period: <b>January 1, 2021 - December 31, 2021</b>
<b>Renewable Energy Certificate Retirement Report for Renewable Energy Standards and Green Pricing Programs</b>	

Report Year	2021	Date Submitted	May 17, 2022
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FILING UTILITY INFORMATION		CONTACT INFORMATION	
Company ID #	3004	Contact Name	Zane Zuther
Company Name	Basin Electric Power Cooperative	Contact Title	Planning Analyst
Street Address Line 1	1717 East Interstate Ave	Contact Telephone	701-557-5638
Street Address Line 2		Contact E-Mail	zzzuther@bepc.com
City	Bismarck	COMMENTS/NOTES	
State	North Dakota	Please change our company name in the utility ID listing to:	
Zip Code	58503	Basin Electric Power Cooperative	

Filing for <b>RENEWABLE ENERGY STANDARDS</b> on behalf of:			
Utility Name	Utility Name	Utility Name	Utility Name
Crow Wing Coop Power & Light, Inc.			
Minnesota Valley Coop Light & Power Assoc			
Minnesota Valley Electric Coop			
Wright-Hennepin Coop Electric Assn			

Filing for <b>GREEN PRICING PROGRAMS</b> on behalf of:			
Utility Name	Utility Name	Utility Name	Utility Name
Crow Wing Coop Power & Light, Inc.			
Minnesota Valley Coop Light & Power Assoc			
Minnesota Valley Electric Coop			
Wright-Hennepin Coop Electric Assn			

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

Minnesota Public Utilities Commission: Docket No. E999/PR-22-12 and Docket No. E999/M-22-85  
Minnesota Department of Commerce: Docket No. E999/PR-02-1240

Attachment 2

Reporting Period: **January 1, 2021 - December 31, 2021**

**Total Retail Sales to Minnesota Customers and Renewable Energy Certificates Required to be Retired for RENEWABLE ENERGY STANDARD Compliance**

Retail Sales Total	945,011
RES Percentage Obligation	20%
RECs Required to be Retired	189,004
Actual RECs Retired	189,004

Enter current reporting year data.

Utility ID #	Utility	Retail Sales Amount (MWh)	Notes
35	Crow Wing Coop Power & Light, Inc.	277,094	
22	Minnesota Valley Coop Light & Power Assoc	159,497	
70	Minnesota Valley Electric Coop	286,203	
130	Wright-Hennepin Coop Electric Assn	222,217	

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

Minnesota Public Utilities Commission: Docket No. E999/PR-22-12 and Docket No. E999/M-22-85  
Minnesota Department of Commerce: Docket No. E999/PR-02-1240

**Attachment 3**

Reporting Period: **January 1, 2021 - December 31, 2021**

**GREEN PRICING Program Sales**

TOTAL <b>GREEN PRICING</b> Sales (MWh)	26,203
RECS retired for <b>GREEN PRICING</b> programs	26,203

List the cumulative retail sales of green pricing electricity, including utility-managed community solar, and the number of customers as of December 31, 2021.

Utility ID # (on Worksheet 1)	Utility Name	Program Name	No. of Program Customers	Program Sales (MWh)	Retail Rate (\$/kWh)	Notes
35	Crow Wing Coop Power & Light, Inc.		1	1,100	\$0.00405	
22	Minnesota Valley Coop Light & Power Assoc	PrairieWinds	15	154	\$0.01000	
70	Minnesota Valley Electric Coop	GreenChoice	283	14,320	\$0.00313	
130	Wright-Hennepin Coop Electric Assn	Renewable Choice	262	10,629	\$0.00100	Residential and commercial participation

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

Utility ID # (on Worksheet 1)	Utility Name	Program Name	No. of Program Customers	Program Sales (MWh)	Retail Rate (\$/kWh)	Notes

**SES Retail Sales and  
 Solar Renewable Energy Certificates Required to be Retired for SOLAR ENERGY STANDARD Compliance**

Retail Sales Total	
SES Excluded Retail Sales	
SES Retail Sales Obligation	0
SES Total Percentage Obligation	1.50%
SES Small Scale obligation	0.15%
Non-Small Scale obligation	1.35%
Total SRECs Required to be Retired	0
Small SRECs to be retired	0
Non-Small Scale to be retired	0
Total Actual RECs Retired	0
Total actual small SRECs retired	0
Total actual non-Small Scale retired	0

**Additional SES Reporting**

**Projected SES compliance for the current plus three (3) upcoming years. Include banked RECs.**

Year	Actual/Projected MN retail sales (MWh) minus SES exempt sales	SES Total Req (MWh)	SES Small Scale Req (MWh)	SES Non-Small Scale Req (MWh)	Projected Total SRECs (MWh)	Projected SRECs less than 40kW (MWh)	Projected SRECs greater than 40kW (MWh)	Projected Total Surplus/ (Deficit) (MWh)	Projected SREC Surplus/(Deficit) less than 40 kW (MWh)	Projected SREC Surplus/(Deficit) greater than 40 kW (MWh)
2019		0	0	0				0	0	0
2020		0	0	0				0	0	0
2021		0	0	0				0	0	0
2022		0	0	0				0	0	0

**Annual solar generation on the utilities' system for the previous calendar year**

	Number of Facilities on Utility System	Capacity	Number registered in M-RETS	Capacity registered in M-RETS	SRECs Generated
Less than 40kW					
Generation from eligible CSG subscriptions					
Greater than 40kW					

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

Minnesota Public Utilities Commission: Docket No. E999/PR-22-12 and Docket No. E999/M-22-85	Attachment 4
Minnesota Department of Commerce: Docket No. E999/PR-02-1240	Reporting Period: January 1, 2021 - December 31, 2021
<b>Renewable Energy Certificate Retirements for Renewable Energy Standards and Green Pricing Programs</b>	

Renewable Energy Standard REC Retirement Account Name:	BEPC-MN RPS-2021-Compliance
Green Pricing REC Retirement Account Name:	BEPC-MN-GreenPricingProgram-2021-Voluntary

Total RECs or SRECs			189,004	26,203	0	0	1 REC = 1 MWh
			RECs retired for RENEWABLE ENERGY STANDARD compliance	RECs retired for GREEN PRICING programs	SRECs retired for Small Scale SOLAR ENERGY STANDARD compliance	SRECs retired for Non-small scale SOLAR ENERGY STANDARD compliance	NOTES
MRETS ID	MRETS Generator Facility Name	Generator Fuel Type					
M999	Redwood Electric Cooperative Commur Solar		4				2021 Vintage
M582	NextEra Energy Day County Wind	Wind	27,796				2021 Vintage
M582	NextEra Energy Day County Wind	Wind	27,619				2021 Vintage
M999	Redwood Electric Cooperative Commur Solar		2				2021 Vintage
M582	NextEra Energy Day County Wind	Wind	31,898				2021 Vintage
M999	Redwood Electric Cooperative Commur Solar		4				2021 Vintage
M582	NextEra Energy Day County Wind	Wind	38,368				2021 Vintage
M582	NextEra Energy Day County Wind	Wind	18,869				2021 Vintage
M998	South Central Electric Association Comr Solar		208				2018 & 2019 Vintages
M999	Redwood Electric Cooperative Commur Solar		237				2018 & 2019 Vintages
M999	Redwood Electric Cooperative Commur Solar		3				2021 Vintage
M634	NextEra Energy Baldwin Wind	Wind	26,695				2021 Vintage
M634	NextEra Energy Baldwin Wind	Wind	17,301				2021 Vintage
M551	Garvin Waste Heat Recovery - OREG2 C Waste Heat Recovery/Recycled Energy			962			2021 Vintage
M551	Garvin Waste Heat Recovery - OREG2 C Waste Heat Recovery/Recycled Energy			2,405			2021 Vintage
M551	Garvin Waste Heat Recovery - OREG2 C Waste Heat Recovery/Recycled Energy			1,277			2021 Vintage
M551	Garvin Waste Heat Recovery - OREG2 C Waste Heat Recovery/Recycled Energy			3,124			2021 Vintage
M551	Garvin Waste Heat Recovery - OREG2 C Waste Heat Recovery/Recycled Energy			3,703			2021 Vintage
M551	Garvin Waste Heat Recovery - OREG2 C Waste Heat Recovery/Recycled Energy			435			2021 Vintage
M582	NextEra Energy Day County Wind	Wind		154			2021 Vintage
M984	Campbell County Wind	Wind		10,866			2021 Vintage
M984	Campbell County Wind	Wind		1,100			2021 Vintage
M582	NextEra Energy Day County Wind	Wind		1,493			2021 Vintage
M582	NextEra Energy Day County Wind	Wind		684			2021 Vintage

Minnesota Public Utilities Commission: Docket No. E999/PR-22-12 and Docket No. E999/M-22-85	<b>Attachment 5</b>
Minnesota Department of Commerce: Docket No. E999/PR-02-1240	Reporting Period: <b>January 1, 2021 - December 31, 2021</b>
<b>Biennial Compliance reporting</b>	
Please report the following items in compliance with the PUC May 28, 2013 Order in Docket No. E999/M-12-958	

RES  
Ordering  
Point

**4.A. & 5.H. The year through which the utility can maintain compliance with its current renewable portfolio\*** 2030+

\*Include banked Renewable Energy Credits (RECs)

**4.B. & 5.I. Projected RES 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)
2022	2,229,687	20%	445,937	6,532,509	6,086,572
2023	2,486,156	20%	497,231	7,180,301	6,683,070
2024	2,555,420	20%	511,084	7,198,919	6,687,835
2025	2,614,251	25%	653,563	7,162,648	6,509,085

**i.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 (%)*

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

Basin Electric is not subject to any other state RES but does provide RECs to the members of Basin Electric Power Cooperative for the members to meet their state RES requirements.

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

Basin Electric Power Cooperative is in full compliance with the Minnesota RES statute, Minnesota Statute 216B.1691. Basin Electric is a wholesale power supplier to 131 member coopeatives in nine states. Basin Electric's overall mix of total renewable resources in comparison to the total of all resources is presently in excess of the twenty percent (20%) 2021 RES/RPS requirement in Minnesota.

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

As identified in the various compliance reports, Basin Electric Power Cooperative files with the Commission and DER. Basin Electric has acquired wind energy resources as an integral part of its power supply program. Those existing resources have been acquired through ownership and contractual arrangements and are projected to be adequate to satisfy the specific goals and requirements of the Minnesota RES.

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

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

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

Facility Name	Type	Capacity (MW)	MISO Capacity Accreditation	Expected Comm'l Operation Date
Aurora Wind	Wind	142		January 2023

**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.**

Basin Electric Power Cooperative currently holds 1,821 MW of renewables in its portfolio and continues to pursue economically feasible renewable resources.



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

Attachment 6

Reporting Period:

**January 1, 2021 - December 31, 2021**

## M-RETS RECs Bought and Sold

Ordering pt. 4C requires reporting REC sales & purchases for the 2 preceding calendar years

REC Purchases Total	0
REC Sales Total	8,907,414

Enter REC data for the 2 preceding calendar years.

Wholesale REC Purchases	Wholesale REC Sales	PRICE	Type of purchase	NOTES
	4,861,767	\$ 2.88	2020 Sales	
	4,045,647	\$ 0.96	2019 Sales	