

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 or (651) 201-2212 or Trey Harsch, at 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.

For questions about e-filing, email efiling.admin@state.mn.us

Minnesota Public Utilities Commission: Docket No. E999/PR-22-12 and Docket No. E999/M-22-85		Attachment 1
Minnesota Department of Commerce: Docket No. E999/PR-02-1240		Reporting Period: January 1, 2021 - December 31, 2021
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 2
Minnesota Department of Commerce: Docket No. E999/PR-02-1240	Reporting Period:	January 1, 2021 - December 31, 2021
<p align="center">Total Retail Sales to Minnesota Customers and Renewable Energy Certificates Required to be Retired for RENEWABLE ENERGY STANDARD Compliance</p>		

Retail Sales Total	732,511
RES Percentage Obligation	20%
RECs Required to be Retired	146,503
Actual RECs Retired	146,503

Enter current reporting year data.

Utility ID #	Utility	Retail Sales Amount (MWh)	Notes
10	BENCO Electric	54,972	
6	Brown County Electrical Assn	8,299	
40	Federated Rural Electric Assn(1)	62,979	
41	Freeborn Mower Cooperative Services	254,455	
70	Minnesota Valley Electric Cooperative	66,504	
148	Nobles Cooperative Electric	22,159	
89	Peoples Energy Cooperative	114,075	
96	Redwood Electric Cooperative	34,485	
110	Sioux Valley Energy	17,575	
109	South Central Electric Assn	25,086	
114	Steele Waseca Cooperative Electric	28,116	
118	MiEnergy	43,806	
228	(1) Village of Dundee included - 657.8 MWh		

Minnesota Public Utilities Commission: Docket No. E999/PR-22-12 and Docket No. E999/M-22-85	Attachment 3
Minnesota Department of Commerce: Docket No. E999/PR-02-1240	Reporting Period: January 1, 2021 - December 31, 2021
GREEN PRICING Program Sales	

TOTAL GREEN PRICING Sales (MWh)	1,265
RECS retired for GREEN PRICING programs	1,265

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
10	BENCO Electric	Renewable Energy	33	308	\$0.1362 This is the blended cost. 25/100;50/50 ar
6	Brown County Electrical Assn	Green Plan	9	100	\$0.1435 This is the blended cost. 25/100;50/50 ar
41	Freeborn Mower Cooperative Services	Renewable Energy	12	65	\$0.0080 adder
70	Minnesota Valley Electric Cooperative	Green Plan	27	87	\$0.1390 This is the blended cost. 25/100;50/50 ar
148	Nobles Cooperative Electric	Living Green	22	132	\$0.1800 This is the blended cost. 25/100;50/50 ar
96	Redwood Electric Cooperative	Renewable Energy	17	112	\$0.1390 This is the blended cost. 25/100;50/50 ar
110	Sioux Valley Energy	Renewable Energy	8	78	\$0.1480 This is the blended cost. 25/100;50/50 ar
109	South Central Electric Assn	Renewable Energy	18	177	\$0.1456 This is the blended cost. 25/100;50/50 ar
114	Steele Waseca Cooperative Electric	Renewable Energy	12	137	\$0.1216 This is the blended cost. 25/100;50/50 ar
118	MiEnergy	Renewable Energy	9	69	\$0.1630 This is the blended cost. 25/100;50/50 ar

**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

EXEMPT FROM REQUIREMENT

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

Renewable Energy Standard REC Retirement Account Name:	2021 Southern MN Energy RES
Green Pricing REC Retirement Account Name:	2021 Southern MN Energy Green Pricing

Total RECs or SRECs			146,503	1,265	0	0	1 REC = 1 MWh
			RECs retired for RENEWABLE ENERGY STANDARD compliance	RECs retired for GREEN PRICING programs	SRECs retired for <u>Small Scale</u> SOLAR ENERGY STANDARD compliance	SRECs retired for <u>Non-small scale</u> SOLAR ENERGY STANDARD compliance	NOTES
MRETS ID	MRETS Generator Facility Name	Generator Fuel Type	Unit Name	Fuel Type	Quantity (REC)		
M558	Whispering Willow Wind Farm-East - Wt Wind				6195		
M558	Whispering Willow Wind Farm-East - Wt Wind					1265	
M558	Whispering Willow Wind Farm-East - Wt Wind				24626		
M558	Whispering Willow Wind Farm-East - Wt Wind				15662		
M558	Whispering Willow Wind Farm-East - Wt Wind				26670		
M558	Whispering Willow Wind Farm-East - Wt Wind				7774		
M558	Whispering Willow Wind Farm-East - Wt Wind				28528		
M558	Whispering Willow Wind Farm-East - Wt Wind				9005		
M558	Whispering Willow Wind Farm-East - Wt Wind				8418		
M558	Whispering Willow Wind Farm-East - Wt Wind				19625		

Minnesota Public Utilities Commission: Docket No. E999/PR-22-12 and Docket No. E999/M-22-85	Attachment 5
Minnesota Department of Commerce: Docket No. E999/PR-02-1240	Reporting Period: January 1, 2021 - December 31, 2021
Biennial Compliance reporting	
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* 2025

*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	750000	20	150000	303000	153000
2023	755000	20	151000	305000	154000
2024	760000	20	152000	307000	155000
2025	532000	25	133000	215000	82000

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 (%)*
None			

*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.

98% wind, 2% solar received via Alliant Energy

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

Will meet

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

None

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
None				

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.

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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 6
Minnesota Department of Commerce: Docket No. E999/PR-02-1240	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	0

Enter REC data for the 2 preceding calendar years.				
Wholesale REC Purchases	Wholesale REC Sales	PRICE	Type of purchase	NOTES
None				