

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

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 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	

Report Year	2021	Date Submitted	May 31, 2022
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FILING UTILITY INFORMATION		CONTACT INFORMATION	
Company ID #	3001	Contact Name	Trevor J. Smith
Company Name	Minnesota Municipal Power Agency	Contact Title	Accounting Manager
Street Address Line 1	c/o Avant Energy	Contact Telephone	612-252-6543
Street Address Line 2	220 South Sixth Street, Suite 1300	Contact E-Mail	Trevor.Smith@AvantEnergy.com
City	Minneapolis	COMMENTS/NOTES	
State	MN		
Zip Code	55402		

Filing for RENEWABLE ENERGY STANDARDS on behalf of:			
Utility Name	Utility Name	Utility Name	Utility Name
City of Anoka			
City of Arlington			
Brownston Municipal Light & Power			
City of Buffalo			
City of Chaska			
East Grand Forks Water & Light Dept.			
Elk River Municipal Utilities			
Le Sueur Municipal Utilities			
City of North St. Paul			
City of Olivia			
Shakopee Public Utilities			
City of Winthrop			

Filing for GREEN PRICING PROGRAMS on behalf of:			
Utility Name	Utility Name	Utility Name	Utility Name
City of Anoka			
City of Arlington			
Brownston Municipal Light & Power			
City of Buffalo			
City of Chaska			
East Grand Forks Water & Light Dept.			
Elk River Municipal Utilities			
Le Sueur Municipal Utilities			
City of North St. Paul			
City of Olivia			
Shakopee Public Utilities			
City of Winthrop			

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

Retail Sales Total	1,865,862
RES Percentage Obligation	20%
RECs Required to be Retired	373,173
Actual RECs Retired	373,173

Enter current reporting year
data.

Utility ID #	Utility	Retail Sales Amount (MWh)	Notes
53	City of Anoka	276,091	
142	City of Arlington	20,025	
205	Brownton Municipal Light & Power	4,905	
32	City of Buffalo	124,383	
34	City of Chaska	398,632	
37	East Grand Forks Water & Light Dept.	80,298	See Note 2
38	Elk River Municipal Utilities	334,020	
61	Le Sueur Municipal Utilities	85,094	
82	City of North St. Paul	73,144	
24	City of Olivia	6,357	See Note 2
107	Shakopee Public Utilities	445,537	
128	City of Winthrop	17,376	

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 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)	68,318
RECS retired for GREEN PRICING programs	68,318

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
53	City of Anoka	Clean Energy	450	26,449		
142	City of Arlington	Clean Energy	54	445		
205	Brownton Municipal Light & Power	Clean Energy	18	119		
32	City of Buffalo	Clean Energy	121	791		
34	City of Chaska	Clean Energy	661	23,700		
37	East Grand Forks Water & Light Dept.	Clean Energy	115	907		
38	Elk River Municipal Utilities	Clean Energy	351	9,755		
61	Le Sueur Municipal Utilities	Clean Energy	54	332		
82	City of North St. Paul	Clean Energy	360	2,658		
24	City of Olivia	Clean Energy	30	313		
107	Shakopee Public Utilities	Clean Energy	362	4,491		
128	City of Winthrop	Clean Energy	30	370		
107	Shakopee Public Utilities	Clean Energy	298	-2,012		2018-2020 Excess Green Pricing RECs retired from prior periods

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

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

Total RECs or SRECs			373,173	68,318	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					
M305	McArthur Falls - McArthur Falls	Hydroelectric Water	100,509				
M304	Pine Falls - Pine Falls	Hydroelectric Water	169,164				
M307	Pointe du Bois - Pointe du Bois	Hydroelectric Water	33,331				
M306	Slave Falls - Slave Falls	Hydroelectric Water	42,059				
M722	Oak Glen Wind Farm - OGWF	Wind		51,195			
M1051	Black Oak Wind, LLC - BOGWF	Wind		5,850			
M1481	HQC Tatanka WI Solar Power Generation	Solar		11,272			
M879	Hometown BioEnergy - HTBE_1&2	Biogas	7,158				
M880	Hometown BioEnergy - HTBE_3&4	Biogas	8,096				
M745	Hometown Wind Aggregation - HTW_AGG_1	Wind		1			
M302	Laurie River 1 - Laurie River 1	Hydroelectric Water	6,099				
M303	Laurie River 2 - Laurie River 2	Hydroelectric Water	6,757				

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

1.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	1,909,754	20%	381,951	1,692,249	1,310,298
2023	1,924,638	20%	384,928	2,181,511	1,307,321
2024	1,944,921	20%	388,985	2,666,716	1,303,264
2025	1,954,135	25%	488,534	3,052,372	1,203,715

1.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.

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

MMPA is in full compliance with the Minnesota REO-RES statute, Minn. Stat. §216B.1691 and provides a mix of renewable energy from biomass, hydro, solar and wind renewable energy sources.

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

MMPA developed the 1.92 MW Hometown Wind Power Project which came into service in March 2010, the 44 MW Oak Glen Wind Farm Project which came into service in October 2011, and the 8 MW Hometown BioEnergy which came into service in December 2013. MMPA has two (2) active and one (1) confirmed PPAs that total 195.25 MW. The two active PPAs deliver 78 MW, 7.25 MW to MPPA. MPPA has entered into another PPA delivering 110 MW. This is set to be commissioned in Quarter 4 of 2022. With current inventory, resources and contracted market purchases, MPPA projects that it can maintain compliance beyond 2025.

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

MMPA has not encountered any obstacles in meeting the Minnesota Renewable Energy Objective or Standard.

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

N/A

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
Walley Wind	Wind	112	TBD	Q4 2022

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.

MMPA's PPA contracts are long-term where the terms of these contracts, including the price, are locked in. MPPA also finances its owned generation using tax free municipal bonds and, on a long-term basis, to again lock in low interest rates for a period of 20 years or more. This long-term approach controls costs and minimizes volatility.

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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
<div style="margin-top: 0;">[TRADE SECRET DATA BEGINS]</div> <div style="margin-top: 400px;">[TRADE SECRET DATA ENDS]</div>				