

## Instructions

Minnesota Public Utilities Commission  
Docket No. E999/PR-21-12

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

### **Renewable Energy Certificate Retirement Report for Renewable Energy Standards, Solar Energy Standards, and Green Pricing Programs**

REC Retirement Compliance Reporting

#### **Due: June 1st, 2021**

For the Reporting Period:

January 1, 2020 - December 31, 2020\*

\*Exception for Worksheet 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, Solar Energy Standard Retail Sales**
- Worksheet 5, RES, **SES**, GP REC Retirements
- 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: <http://www.commerce.state.mn.us/eDocFile/eFilingHelp.html>

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](mailto:kelly.martone@state.mn.us).

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, contact the Regulatory Information Center:

[Regulatory.Information.Center.COMM@state.mn.us](mailto:Regulatory.Information.Center.COMM@state.mn.us)

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

Minnesota Public Utilities Commission: Docket No. E999/PR-21-12	<b>Attachment 1</b>
Minnesota Department of Commerce: Docket No. E999/PR-02-1240	Reporting Period: <b>January 1, 2020 - December 31, 2020</b>
	Utility: <b>Great River Energy</b>
<b>Renewable Energy Certificate Retirement Report for Renewable Energy Standards and Green Pricing Programs</b>	

Report Year: 2020	Date Submitted:
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FILING UTILITY INFORMATION		CONTACT INFORMATION	
Company ID #	121	Contact Name	Mark Rathbun
Company Name	Great River Energy	Contact Title	Manager, Renewable Resources
Street Address Line 1	12300 Elm Creek Blvd	Contact Telephone	763.445.6104
Street Address Line 2		Contact E-Mail	<a href="mailto:mrathbun@greenergy.com">mrathbun@greenergy.com</a>
City	Maple Grove		
State	MN		
Zip Code	55369		

COMMENTS/NOTES

Filing for <b>RENEWABLE ENERGY STANDARDS</b> on behalf of:			
Utility Name	Utility Name	Utility Name	Utility Name
Agralite Cooperative	Lake Country Power	Todd Wadena Electric Coop	
Arrowhead Electric Coop, Inc	Lake Region Electric Coop	Wright-Hennepin Cooperative Electric Association	
Benco Electric Cooperative	McLeod Coop Power Assn	Willmar Municipal Utilities	
Brown Co Rural Electric Assn	Meeker Coop Light & Power Assn		
Connexus Energy	Mille Lacs Electric Coop		
Cooperative Light & Power	Minnesota Valley Electric Coop		
Crow Wing Coop Power & Light, Inc	Nobles Cooperative Electric		
Dakota Electric Assn	North Itasca Electric Co-op, Inc.		
East Central Energy	Redwood Electric Coop		
Federated Rural Electric Assn	Runestone Electric Assn		
Goodhue County Coop Electric Assn	South Central Electric Assn		
Itasca Mantrap Coop Electric Assn	Stearns Coop Electric Assn		
Kandiyohi Power Coop	Steele Waseca Coop Electric		

Filing for <b>GREEN PRICING PROGRAMS</b> on behalf of:			
Utility Name	Utility Name	Utility Name	Utility Name
Agralite Cooperative	Lake Country Power	Todd Wadena Electric Coop	
Arrowhead Electric Coop, Inc	Lake Region Electric Coop	Wright-Hennepin Cooperative Electric Association	
Benco Electric Cooperative	McLeod Coop Power Assn		
Brown Co Rural Electric Assn	Meeker Coop Light & Power Assn		
Connexus Energy	Mille Lacs Electric Coop		
Cooperative Light & Power	Minnesota Valley Electric Coop		
Crow Wing Coop Power & Light, Inc	Nobles Cooperative Electric		
Dakota Electric Assn	North Itasca Electric Co-op, Inc.		
East Central Energy	Redwood Electric Coop		
Federated Rural Electric Assn	Runestone Electric Assn		
Goodhue County Coop Electric Assn	South Central Electric Assn		
Itasca Mantrap Coop Electric Assn	Stearns Coop Electric Assn		
Kandiyohi Power Coop	Steele Waseca Coop Electric		

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

Minnesota Public Utilities Commission: Docket No. E999/PR-21-12	<b>Attachment 2</b>
Minnesota Department of Commerce: Docket No. E999/PR-02-1240	Reporting Period: <b>January 1, 2020 - December 31, 2020</b>
	Utility: <b>Great River Energy</b>
<b>Total Retail Sales to Minnesota Customers and Renewable Energy Certificate (REC) Retirement Requirements for RENEWABLE ENERGY STANDARD Compliance</b>	

Retail Sales Total	10,492,967
RES Percentage Obligation	20%
RECs Required to be Retired	2,098,594
Actual RECs Retired	2,101,988

Enter current reporting year data.

Utility ID #	Utility	Retail Sales Amount (MWh)	Notes
1	Agralite Cooperative	113,234	Retail sales are based on GRE's wholesale sales to this Fixed Oblige
4	Arrowhead Electric Coop, Inc	70,183	
10	Benco Electric Cooperative	290,054	
6	Brown Co Rural Electrical Assn	99,209	
26	Connexus Energy	1,975,200	
9	Cooperative Light & Power	100,018	
35	Crow Wing Coop Power & Light, Inc.	411,473	Retail sales are based on GRE's wholesale sales to this Fixed Oblige
15	Dakota Electric Assn	1,789,550	
16	East Central Energy	879,686	ECE retail sales amount excludes WI customer sales
40	Federated Rural Electric Assn	124,606	Retail sales are based on GRE's wholesale sales to this Fixed Oblige
43	Goodhue County Coop Electric Assn	97,416	
18	Itasca Mantrap Coop Electric Assn	192,712	
19	Kandiyohi Power Coop	131,981	Includes all sales for resale of this cooperative
14	Lake Country Power	615,226	Includes all sales for resale of this cooperative
59	Lake Region Electric Coop	380,255	
64	McLeod Coop Power Assn	156,055	
66	Meekeer Coop Light & Power Assn	106,586	Retail sales are based on GRE's wholesale sales to this Fixed Oblige
21	Mille Lacs Electric Coop	199,879	
70	Minnesota Valley Electric Coop	540,795	Retail sales are based on GRE's wholesale sales to this Fixed Oblige
148	Nobles Cooperative Electric	124,549	Includes all sales for resale of this cooperative
79	North Itasca Electric Co-op, Inc.	52,235	
96	Redwood Electric Coop	22,376	Retail sales are based on GRE's wholesale sales to this Fixed Oblige
102	Runestone Electric Assn	194,398	
109	South Central Electric Assn	105,741	Retail sales are based on GRE's wholesale sales to this Fixed Oblige
113	Stearns Coop Electric Assn	479,024	
114	Steele Waseca Coop Electric	263,159	
117	Todd Wadena Electric Coop	156,454	
130	Wright-Hennepin Cooperative Electric	717,884	Retail sales are based on GRE's wholesale sales to this Fixed Oblige
161	Willmar Municipal Utilities	103,030	Retail sales are based on GRE's wholesale sales to this Municipal U

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

Minnesota Public Utilities Commission: Docket No. E999/PR-21-12	<b>Attachment 3</b>
Minnesota Department of Commerce: Docket No. E999/PR-02-1240	Reporting Period: <b>January 1, 2020 - December 31, 2020</b>
	Utility: <b>Great River Energy</b>
<b>GREEN PRICING Program Sales</b>	

TOTAL GREEN PRICING Sales (MWh)	82,998
RECS retired for GREEN PRICING programs	83,751

List the cumulative retail sales of green pricing electricity, including utility-managed community solar, and the number of customers as of December 31, 2020.						
Utility ID # (on Worksheet 1)	Utility Name	Program Name	No. of Program Customers	Program Sales (MWh)	Retail Rate (\$/kWh)	Notes
1	Agralite Cooperative	Wellspring Wind	65	388		
4	Arrowhead Electric Coop, Inc	Wellspring Wind	78	285		
10	Benco Electric Cooperative	Wellspring Wind	31	280		
6	Brown Co Rural Electrical Assn	Wellspring Wind	59	258		
26	Connexus Energy			0		Self-supply
9	Cooperative Light & Power	Wellspring Wind	108	672		
35	Crow Wing Coop Power & Light, Inc.	Wellspring Wind	651	4,779		
15	Dakota Electric Assn	Wellspring Wind	1,251	8,458		
16	East Central Energy	Wellspring Wind	601	3,117		*Includes ECE self-supply of Haubenschil
40	Federated Rural Electric Assn	Wellspring Wind	47	259		
43	Goodhue County Coop Electric Assn	Wellspring Wind	38	273		
18	Itasca Mantrap Coop Electric Assn	Wellspring Wind	54	210		
19	Kandiyohi Power Coop	Wellspring Wind	24	254		
14	Lake Country Power	Wellspring Wind	244	1,826		
59	Lake Region Electric Coop	Wellspring Wind	138	598		
64	McLeod Coop Power Assn	Wellspring Wind	25	216		
66	Meeker Coop Light & Power Assn	Wellspring Wind	20	161		
21	Mille Lacs Electric Coop	Wellspring Wind	126	524		
70	Minnesota Valley Electric Coop	Wellspring Wind	237	469		
148	Nobles Cooperative Electric	Wellspring Wind	30	161		
79	North Itasca Electric Co-op, Inc.	Wellspring Wind	10	64		
96	Redwood Electric Coop	Wellspring Wind	11	20		
102	Runestone Electric Assn	Wellspring Wind	182	1,132		
109	South Central Electric Assn	Wellspring Wind	82	32		
113	Stearns Coop Electric Assn	Wellspring Wind	201	1,624		

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

List the cumulative retail sales of green pricing electricity, including utility-managed community solar, and the number of customers as of December 31, 2020.				
114	Steele Waseca Coop Electric	Wellspring Wind	114	760
117	Todd Wadena Electric Coop	Wellspring Wind	47	327
130	Wright-Hennepin Cooperative Electric	Wellspring Wind	34	240
	GRE Members Purchase	Revolt EV	111	5,558
	GRE Members Lease	Revolt EV	0	0
10	Benco Electric Cooperative	Wellspring Solar	8	92
6	Brown Co Rural Electrical Assn	Wellspring Solar	2	8
15	Dakota Electric Assn	Wellspring Solar	84	335
14	Lake Country Power	Wellspring Solar	9	17
79	North Itasca Electric Co-op, Inc.	Wellspring Solar	2	13
102	Runestone Electric Assn	Wellspring Solar	1	2
		C&I Wellspring Wind Aggregate		34,773
		C&I Wellspring Wind Sage		14,813

**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 Resources (MWh)	Projected Small Scale Resources (MWh)	Projected Non-Small Scale Resources (MWh)	Projected Total Surplus/ (Deficit) (MWh)	Projected Surplus/ (Deficit) (MWh)	Projected Surplus/ (Deficit) (MWh)
2020		0	0	0				0	0	0
2021		0	0	0				0	0	0
2022		0	0	0				0	0	0
2023		0	0	0				0	0	0

Discussion on efforts to reach the 2030 goal that 10% of MN retail sales be generated by solar energy (Atch A, 14)

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

Minnesota Public Utilities Commission: Docket No. E999/PR-21-12  
Minnesota Department of Commerce: Docket No. E999/PR-02-1240

Reporting Period: January 1, 2020 - December 31, 2020  
Utility: Great River Energy

Attachment 5

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

Renewable Energy Standard REC Retirement Account Name:  
Green Pricing REC Retirement Account Name:

Total RECs or SRECs			2,101,988	83,751	0	0	1 REC = 1 MWh
			RECs retired for	RECs retired for	SRECs retired for	SRECs retired for	
			RENEWABLE ENERGY STANDARD compliance	GREEN PRICING programs	Small Scale ENERGY STANDARD compliance	Non-small scale SOLAR ENERGY STANDARD compliance	NOTES
MRETS ID	MRETS Generator Facility Name	Generator Fuel Type					
M1070	Dickinson Solar I	Solar PV	3,017				
M231	Pipestone Wind Project	Wind	740				
M237	PrairieWinds@ Minot Wind Project - Min	Wind	11,231				
M256	PrairieWinds@ Chamberlain Wind Proje	Wind	2,454				
M257	FPL Energy North Dakota Wind, LLC - F	Wind	56,556				
M258	FPL Energy South Dakota Wind, LLC - F	Wind	45,803				
M261	Prairie Star Wind Farm - High Prairie Wir	Wind	265,139				
M262	Trimont Wind 1 LLC - Trimont Wind 1 LL	Wind	156,860				
M302	Laurie River 1 - Laurie River 1	Hydro	11,395				
M303	Laurie River 2 - Laurie River 2	Hydro	12,156				
M304	Pine Falls - Pine Falls	Hydro	254,096				
M305	McArthur Falls - McArthur Falls	Hydro	191,426				
M306	Slave Falls - Slave Falls	Hydro	207,224				
M307	Pointe du Bois - Pointe du Bois	Hydro	116,644				
M342	ER Municipal Landfill - Elk River Municip	Biomass	46,215				
M454	Osceola Windpower, LLC - Osceola Winc	Wind	234,107				
M470	Welcome Wind - Welcome Wind	Wind	8,834				
M530	Elm Creek - Elm Creek	Wind	248,982				
M578	Ashtabula II Wind, LLC - Ashtabula II Wir	Wind	144,094				
M634	NextEra Energy Baldwin Wind Project - B	Wind	7,457				
M654	Crow Lake Wind Project - Crow Lake Wir	Wind	74,170				
M2916	Cambridge Solar	Solar PV	854				Retired outside of MN Program due to eligibility ir
M1485	Marshan Solar	Solar PV	392				Retired outside of MN Program due to eligibility ir
M1486	Randolph Solar	Solar PV	921				Retired outside of MN Program due to eligibility ir
M2310	Vermillion River Solar	Solar PV	1,221				Retired outside of MN Program due to eligibility ir
M339	HAUBENSCHILD - HAUBENSCHILD	Biomass		752			Wellspring Wind
M262	Trimont Wind 1 LLC - Trimont Wind 1 LL	Wind		27,387			Wellspring Wind
M979	GRE PV HQ 2014 - GRE PV HQ 2014	Solar PV		468			Wellspring Solar
M530	Elm Creek - Elm Creek	Wind		5,558			Revolt
M262	Trimont Wind 1 LLC - Trimont Wind 1 LL	Wind		34,773			Wellspring C&I Aggregated
M262	Trimont Wind 1 LLC - Trimont Wind 1 LL	Wind		14,813			Wellspring C&I Sage
M261	Prairie Star Wind Farm - High Prairie Wir	Wind					GRE AR Member Incremental 5% to 20% RES 35,902
M262	Trimont Wind 1 LLC - Trimont Wind 1 LL	Wind					73,165
M302	Laurie River 1 - Laurie River 1	Hydro					230
M303	Laurie River 2 - Laurie River 2	Hydro					274
M304	Pine Falls - Pine Falls	Hydro					3,807
M305	McArthur Falls - McArthur Falls	Hydro					2,467
M306	Slave Falls - Slave Falls	Hydro					2,903
M307	Pointe du Bois - Pointe du Bois	Hydro					1,298
M454	Osceola Windpower, LLC - Osceola Winc	Wind					74,052
M530	Elm Creek - Elm Creek	Wind					63,399
M576	PrairieWinds 1 - PrairieWinds 1	Wind					27,829
M578	Ashtabula II Wind, LLC - Ashtabula II Wir	Wind					30,803
M654	Crow Lake Wind Project - Crow Lake Wir	Wind					96,616
Total							412,745

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

Minnesota Public Utilities Commission: Docket No. E999/PR-21-12	Reporting Period:	<b>Attachment 6</b>
Minnesota Department of Commerce: Docket No. E999/PR-02-1240		<b>January 1, 2020 - December 31, 2020</b>
	Utility:	<b>Great River Energy</b>

**M-RETS RECs Bought and Sold**  
Ordering pt. 4C requires reporting REC sales & purchases for the 2 preceding calendar years

REC Purchases Total	307,945
REC Sales Total	0

Enter REC data for the 2 preceding calendar years.				
Wholesale REC Purchases	Wholesale REC Sales	PRICE	Type of purchase	NOTES
0		0		
115,155		-	For RES	Wright-Hennepin Cooperative Electric Association
89,430		-	For RES	Minnesota Valley Electric Coop
56,481		-	For RES	Crow Wing Coop Power & Light, Inc
14,613		-	For RES	Agralite Cooperative
13,552		-	For RES	Meeker Coop Light & Power Assn
2,831		-	For RES	Redwood Electric Coop
13,317		-	For RES	South Central Electric Assn
2,566		-	For RES	Federated Rural Electric Assn