

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

Minnesota Public Utilities Commission: Docket No. E999/PR-18-12, Docket No. E-999/M-18-78	Attachment 1
Minnesota Department of Commerce: Docket No. E999/PR-02-1240	Reporting Period: January 1, 2017 - December 31, 2017
Renewable Energy Certificate Retirement Report for Renewable Energy Standards and Green Pricing Programs	

Report Year	2017	Date Submitted	5/23/2018
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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	zzuther@beco.com
City	Bismarck	COMMENTS/NOTES	
State	North Dakota	Please change our company name in the utility ID listing to: Basin Electric Power Cooperative	
Zip Code	58503		

Filing for RENEWABLE ENERGY STANDARDS 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 GREEN PRICING PROGRAMS on behalf of:			
Utility Name	Utility Name	Utility Name	Utility Name
Minnesota Valley Coop Light & Power Assoc			
Minnesota Valley Electric Coop			
Wright-Hennepin Coop Electric Assn			

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Minnesota Public Utilities Commission: Docket No. E999/PR-18-12, Docket No. E-999/M-18-78 Attachment 2
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**Total Retail Sales to Minnesota Customers and
Renewable Energy Certificates Required to be Retired for RENEWABLE ENERGY STANDARD Compliance**

Retail Sales Total	720,695
RES Percentage Obligation	17%
RECs Required to be Retired	122,518
Actual RECs Retired	122,518

Enter current reporting year
data.

Utility ID #	Utility	Retail Sales Amount (MWh)	Notes
35	Crow Wing Coop Power & Light, Inc.	159,270	
22	Minnesota Valley Coop Light & Power Assoc	164,666	
70	Minnesota Valley Electric Coop	239,642	
130	Wright-Hennepin Coop Electric Assn	157,117	

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Attachment 3

Reporting Period: January 1, 2017 - December 31, 2017

GREEN PRICING Program Sales

TOTAL GREEN PRICING Sales (MWh)	16,451
RECS retired for GREEN PRICING programs	16,451

List the cumulative retail sales of green pricing electricity, including utility-managed community solar, and the number of customers as of December 31, 2017.

Utility ID # (on Worksheet 1)	Utility Name	Program Name	No. of Program Customers	Program Sales (MWh)	Retail Rate (\$/kWh)	Notes
22	Minnesota Valley Coop Light & Power Assoc	PrairieWinds	17	213	0.01	\$1/100 kWh block
70	Minnesota Valley Electric Coop	Wellspring	155	50	0.005	
130	Wright-Hennepin Coop Electric Assn	Well Spring	81	236	0.01	\$10 per REC
130	Wright-Hennepin Coop Electric Assn	C&I Renewables	3	15,952	0.001	\$1 per REC

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Minnesota Department of Commerce: Docket No. E999/PR-02-1240	Reporting Period: January 1, 2017 - December 31, 2017
Renewable Energy Certificate Retirements for Renewable Energy Standards and Green Pricing Programs	

Renewable Energy Standard REC Retirement Account Name:	2017 MN RES REC & Membership Sales
Green Pricing REC Retirement Account Name:	2017 MN Green Pricing

Total RECs		122,518	16,451	1 REC = 1 MWh	
MRETS ID	MRETS Generator Facility Name	Generator Fuel Type	RECS retired for RENEWABLE ENERGY STANDARD compliance	RECS retired for GREEN PRICING programs	NOTES (Account Name)
M999	Redwood Electric Cooperative Communit Solar		3		2017 MN RES REC
M634	NextEra Energy Baldwin Wind Project - B: Wind		21,119		2017 MN RES REC
M257	FPL Energy North Dakota Wind, LLC - FPL Wind		5,888		2017 MN RES REC
M999	Redwood Electric Cooperative Communit Solar		3		2017 MN RES REC
M999	Redwood Electric Cooperative Communit Solar		3		2017 MN RES REC
M259	FPL Energy Burleigh Co Wind LLC - FPL En Wind		10,919		2017 MN RES REC
M634	NextEra Energy Baldwin Wind Project - B: Wind		2,939		2017 MN RES REC
M552	Next Era Energy Wilton Wind II, LLC - WiltWind		13,215		2017 MN RES REC
M257	FPL Energy North Dakota Wind, LLC - FPL Wind		4,487		2017 MN RES REC
M258	FPL Energy South Dakota Wind, LLC - FPL Wind		7,348		2017 MN RES REC
M259	FPL Energy Burleigh Co Wind LLC - FPL En Wind		7,557		2017 MN RES REC
M552	Next Era Energy Wilton Wind II, LLC - WiltWind		8,598		2017 MN RES REC
M634	NextEra Energy Baldwin Wind Project - B: Wind		17,684		2017 MN RES REC
M257	FPL Energy North Dakota Wind, LLC - FPL Wind		1,932		2017 MN RES REC
M258	FPL Energy South Dakota Wind, LLC - FPL Wind		8,540		2017 MN RES REC
M259	FPL Energy Burleigh Co Wind LLC - FPL En Wind		12,279		2017 MN RES REC
M998	South Central Electric Association Commi Solar		4		2017 MN RES REC
M582	NextEra Energy Day County Wind, LLC - DWind			50	2017 MN Green Pricing
M552	Next Era Energy Wilton Wind II, LLC - WiltWind			213	2017 MN Green Pricing
M552	Next Era Energy Wilton Wind II, LLC - WiltWind			236	2017 MN Green Pricing
M552	Next Era Energy Wilton Wind II, LLC - WiltWind			2,946	Membership Sales
M552	Next Era Energy Wilton Wind II, LLC - WiltWind			2,698	Membership Sales
M582	NextEra Energy Day County Wind, LLC - D Wind			9,586	Membership Sales
M582	NextEra Energy Day County Wind, LLC - D Wind			722	Membership Sales

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 Minnesota Department of Commerce: Docket No. E999/PR-02-1240 Reporting Period: January 1, 2017 - December 31, 2017
Biennial Compliance reporting
 Please report the following items in compliance with the PUC May 28, 2013 Order in Docket No. E999/M-12-958

Ordering Point

4.A. & 5.H. The year through which the utility can maintain compliance with its current renewable portfolio*
 *Include banked Renewable Energy Credits (RECs)

2030+

4.B. & 5.I. **Projected 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)
2017	720,695	17%	122,518	5,531,333	5,408,815
2018	825,494	17%	140,334	5,711,052	5,570,718
2019	875,947	17%	148,911	5,963,940	5,815,029
2020	953,819	20%	190,764	7,592,626	7,401,862

5.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 (%)*
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[Redacted]

*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, 216B.1691. Basin Electric is a wholesale power supplier to 141 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 seventeen percent (17 %) requirement in Minnesota. Basin Electric's renewable resources for the reporting year 2017 comprise of 17.7 % of Basin Electric's total system resource mix based on energy.

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

As identified in the various compliance reports, Basin Eletric Power Cooperative files with the Commission and the 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

Currently Basin Electric Power Cooperative does not envision any obstacles meeting the Minnesota RES.

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

Not applicable at this time as Basin Electric Power Cooperative does not envision any obstacles in meeting the Minnesota RES.

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

Facility Name	Type	Capacity (MW)	Cap. Factor (%)	Expected Comm'l Operation Date

