

Instructions

Minnesota Public Utilities Commission
Docket No. E999/PR-18-12
Docket No. E-999/M-18-78

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, 2018

For the Reporting Period:

January 1, 2017 - December 31, 2017*

*Exception for Worksheet A.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, RES & Green Pricing REC Retirements

Worksheet 5, Biennial Compliance Reporting

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.

For questions about Green Pricing or about filling out this spreadsheet, send an email to: DG.Energy@state.mn.us.

For questions about e-filing, contact Karen Santori at 651-539-1530 or at karen.santori@state.mn.us.

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:
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FILING UTILITY INFORMATION		CONTACT INFORMATION	
Company ID #	87	Contact Name	Carol Westergard
Company Name	Otter Tail Power Company	Contact Title	Program Coordinator
Street Address Line 1	215 South Cascade Street	Contact Telephone	218-739-8883
Street Address Line 2	PO Box 496	Contact E-Mail	cwestergard@gmail.com
City	Fergus Falls	COMMENTS/NOTES	
State	MN		
Zip Code	56537		

Filing for RENEWABLE ENERGY STANDARDS on behalf of:			
Utility Name	Utility Name	Utility Name	Utility Name

Filing for GREEN PRICING PROGRAMS on behalf of:			
Utility Name	Utility Name	Utility Name	Utility Name

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 2
Minnesota Department of Commerce: Docket No. E999/PR-02-1240	Reporting Period: January 1, 2017 - December 31, 2017
Total Retail Sales to Minnesota Customers and Renewable Energy Certificates Required to be Retired for RENEWABLE ENERGY STANDARD Compliance	

Retail Sales Total	2,584,490
RES Percentage Obligation	17%
RECs Required to be Retired	439,364
Actual RECs Retired	439,364

Enter current reporting year data.

Utility ID #	Utility	Retail Sales Amount (MWh)	Notes
87	Otter Tail Power Company	2,584,490	

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 3
Minnesota Department of Commerce: Docket No. E999/PR-02-1240	Reporting Period: January 1, 2017 - December 31, 2017
GREEN PRICING Program Sales	

TOTAL GREEN PRICING Sales (MWh)	1,468
RECS retired for GREEN PRICING programs	1,468

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
87	Otter Tail Power Company		218	1,468		

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

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 4
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:	MN 2017 REO/RES OTP
Green Pricing REC Retirement Account Name:	MN 2017 Green Pricing OTP

Total RECs		439,364	1,468	1 REC = 1 MWh
		RECS retired for		
		RENEWABLE ENERGY STANDARD compliance	RECS retired for GREEN PRICING programs NOTES	
MRETS ID	MRETS Generator Facility Name	Generator Fuel Type		
M479	Ashtabula Wind Center	Wind	89,797	
M654	Ashtabula Wind III, LLC	Wind	108,787	
M120	Dayton Hollow Hydro 1	Hydroelectric	1,872	
M121	Dayton Hollow Hydro 2	Hydroelectric	3,331	
M850	District 45 Dairy LLP #1	Biomass	7,564	
M852	District 45 Dairy LLP #2	Biomass	3,773	
M132	FPL Energy North Dakota II LLC	Wind	28,425	
M122	Hoot Lake Hydro	Hydroelectric	4,576	
M153	Langdon Wind Farm	Wind	67,468	
M154	Langdon Wind LLC	Wind	34,902	
M539	Luverne Wind Farm	Wind	75,048	
M125	Pisgah Hydro	Hydroelectric	5,321	
M124	Taplin Gorge Hydro	Hydroelectric	3,901	
M131	UM-Morris	Wind	4,537	
M123	Wright Hydro	Hydroelectric	62	
M130	Borderline Wind	Wind		706
M128	Dakota Wind	Wind		32
M129	Hendricks Wind	Wind		730

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

MRETS ID	MRETS Generator Facility Name	Generator Fuel Type	RECS retired for RENEWABLE ENERGY STANDARD compliance	RECS retired for GREEN PRICING programs	NOTES

Minnesota Public Utilities Commission: Docket No. E999/PR-18-12, Docket No. E-999/M-18-78	Attachment 5
Minnesota Department of Commerce: Docket No. E999/PR-02-1240	Reporting Period: January 1, 2016 - 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)

2034

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	2,584,490	17%	439,363	2,732,282	2,292,919
2018	2,708,000	17%	460,360	492,000	31,640
2019	2,689,000	17%	457,130	492,000	34,870
2020	2,840,000	20%	568,000	851,820	283,820

(2,292,919.00)	2240282
(31,640.00)	2732282
(34,870.00)	
(283,820.00)	

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 (%)*
ND	177600	10%	37%
SD	42800	10%	9%

*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.

For the year 2017, Otter Tail's energy mix consisted of 20% from renewable sources. With the addition of the 150 MW Merricourt project, Otter Tail expects the renewable portion of the energy mix to be approximately 30%.

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

Otter Tail has consistently added renewable energy to its resource portfolio as part of its least cost resource planning process. The addition of the 150 MW Merricourt wind project will continue this legacy.

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

With the exception of the small solar portion of the solar energy standard, Otter Tail does not anticipate any obstacles to meeting the objectives and 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)	Cap. Factor (%)	Expected Comm'l Operation Date

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.

Otter Tail has consistently added renewable energy to its resource portfolio as part of its least cost resource planning process, ensuring that our customer's bills are as low as practicable.

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RENEWABLE ENERGY STANDARDS and GREEN PRICING PROGRAMS

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Minnesota Department of Commerce: Docket No. E999/PR-02-1240	Reporting Period: January 1, 2016 - December 31, 2017
M-RETS RECs Bought and Sold	
Ordering pt. 4C requires reporting REC sales & purchases for the 2 preceding calendar years	

REC Purchases Total	27,056
REC Sales Total	0

Enter current reporting year data.

Wholesale REC Purchases	Wholesale REC Sales	PRICE	NOTES
			Otter Tail did not sell any MN allocated RECs
27,056		2.25	Solar RECs purchased for MN SES