Minnesota Public Utilities Commission DOCKET NO. E999/PR-16-12 DOCKET NO. E999/PR-16-83

Minnesota Department of Commerce DOCKET NO. E999/PR-02-1240

Renewable Energy Certificate Retirement Report for RENEWABLE ENERGY STANDARDS and GREEN PRICING PROGRAMS Attachment A: REC Retirement Compliance Reporting

For the Reporting Period:

January 1, 2015 - December 31, 2015*

*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

Due: June 1st, 2016

Complete the following worksheets and e-file in Excel (XLS or XLSX) format:

Worksheet A.1, Utility Info

Worksheet A.2, Renewable Energy Standard Retail Sales Worksheet A.3, Green Pricing Program Retail Sales Worksheet A.4, RES & Green Pricing REC Retirements

Worksheet A.5, Biennial Compliance Reporting

Worksheet A.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 Susan Mackenzie at 651-201-2241 or at susan.mackenzie@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.

Yellow cells - Information provided by utility

Pink cells - Calculated data

Green cells - Headers and instructions

Blue cells - Lists of codes

Minnesota Public Utilities Commission DOCKET NO. E999/PR-16-12 DOCKET NO. E999/PR-16-83 Attachment A.1

Minnesota Department of Commerce DOCKET NO. E999/PR-02-1240

Renewable Energy Certificate Retirement Report for Renewable Energy Standards and Green Pricing Programs for the Reporting Period:

January 1, 2015 - December 31, 2015

		• •	•
REPORT YEAR	2015	DATE SUBMITTED	May 27, 2016
FILING UTIL	ITY INFORMATION	CONT	ACT INFORMATION
COMPANY ID #	3002	CONTACT NAME	Derek Bertsch
COMPANY NAME	Missouri River Energy Services	CONTACT TITLE	Staff Attorney
STREET ADDRESS LINE 1	3724 West Avera Drive	CONTACT TELEPHONE	800.678.4042
STREET ADDRESS LINE 2	PO Box 88920	CONTACT E-MAIL	derek.bertsch.mrenergy.com
CITY	Sioux Falls		•
STATE	SD	COMMENTS/NOTES	
ZIP CODE	57109-8920		·
	RGY STANDARDS ON BEHALF OF:		
UTILITY NAME	UTILITY NAME	UTILITY NAME	UTILITY NAME
Adrian Public Utilities	Marshall Municipal Utilities		
Alexandria Light and Power	Melrose Public Utilities		
Barnesville Municipal Utilities	Moorhead Public Service		
Benson Municipal Utilities	Ortonville Municipal Utilities		
Breckenridge Public Utilities	St. James Public Utility		
Detroit Lakes Public Utilities	Sauk Centre Public Utilities		
Elbow Lake Municipal Electric	Staples Water and Light		
Henning Municipal Utilities	Wadena Electric and Water Department	t	
Jackson Municipal Utilities	Westbrook Public Utilities		
Lakefield Public Utilities	Worthington Public Utilities		
Lake Park Public Utilities	Hutchinson Utilities Commission		
Luverne Municipal Utilities			
Madison Municipal Utilities			
FILING FOR GREEN PRICING P	ROGRAMS ON BEHALF OF:]	
UTILITY NAME	UTILITY NAME	UTILITY NAME	UTILITY NAME
Adrian Public Utilities	Westbrook Public Utilities		
Barnesville Municipal Utilities	Worthington Public Utilities		
Benson Municipal Utilities			
Breckenridge Public Utilities			
Detroit Lakes Public Utilities			
Elbow Lake Municipal Electric			
Jackson Municipal Utilities			
Lake Park Public Utilities			
Luverne Municipal Utilities			
Madison Municipal Utilities			
Melrose Public Utilities			
St. James Public Utility			
Staples Water and Light			
Wadena Electric and Water Depa	rtment		

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Attachment A.2

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

January 1, 2015 - December 31, 2015

Retail Sales Total	1,273,126
RES Percentage Obligation	12%
RECs Required to be Retired	152,776
Actual RECs Retired	152,776

Enter current reporting year data.

*UTILITY	UTILITY	RETAIL SALES AMOUNT (MWh)	NOTES
3002	Missouri River Energy Services	(1010011)	
140	Adrian Public Utilities	5,157	
3	Alexandria Light and Power	197,516	
150	Barnesville Municipal Utilities	12,393	
5	Benson Municipal Utilities	9,328	
12	Breckenridge Public Utilities	12,010	
36	Detroit Lakes Public Utilities	123,955	
177	Elbow Lake Municipal Electric	8,522	
210	Henning Municipal Utilities	4,560	
160	Jackson Municipal Utilities	23,928	
213	Lake Park Public Utilities	5,070	
58	Lakefield Public Utilities	3,523	
63	Luverne Municipal Utilities	36,187	
137	Madison Municipal Utilities	4,121	
151	Marshall Municipal Utilities	34,499	
67	Melrose Public Utilities	80,208	
81	Moorhead Public Service	218,490	
86	Ortonville Municipal Utilities	6,526	
106	Sauk Centre Public Utilities	38,148	
105	St. James Public Utility	20,791	
112	Staples Water and Light	16,545	
123	Wadena Electric and Water Departme	28,827	
224	Westbrook Public Utilities	496	
136	Worthington Public Utilities	163,326	
49	Hutchinson Utilities Commission	219,000	

*UTILITY ID#	UTILITY	RETAIL SALES AMOUNT (MWh)	NOTES

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Attachment A.3

GREEN PRICING Program Sales for the Reporting Period January 1, 2015 - December 31, 2015

TOTAL GREEN PRICING Sales (MWh)	787
RECS retired for GREEN PRICING programs	787

List the cumulative retail sales of green pricing electricity, including utility-managed community solar where the utility retires RECs on behalf of customers, and the number of customers as of December 31, 2015. *Utility ID #s on last worksheet NO. OF PROGRAM PROGRAM SALES PROGRAM NAME CUSTOMERS *UTILITY ID # UTILITY NAME (MWh) NOTES Adrian Public Utilities 150 Barnesville Municipal Utilities 12 29 5 Benson Municipal Utilities 41 110 Breckenridge Public Utilities 12 20 35 Detroit Lakes Public Utilities 221 36 116 177 Elbow Lake Municipal Electric 2 160 Jackson Municipal Utilities 37 71 213 Lake Park Public Utilities 12 28 39 Luverne Municipal Utilities 63 66 Madison Municipal Utilities 137 6 Melrose Public Utilities 23 52 67 105 St. James Public Utility 9 14 112 Staples Water and Light 5 21 123 Wadena Electric and Water Department 224 Westbrook Public Utilities Worthington Public Utilities 70 127 136

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Attachment A.4

Renewable Energy Certificate Retirements for Renewable Energy
Standards and Green Pricing Programs for the Reporting Period: January 1, 2015 - December 31, 2015

Renewable Energy Standard REC Retirement Account Name:	/UTS MIKES MIN RES
Green Pricing REC Retirement Account Name:	/U15 WRES WIN GREEN PRICING

MRETS ID	MRETS Generator Facility Name	RECS retired for RENEWABLE ENERGY STANDARD compliance	RECS retired for GREEN PRICING programs	NOTES
	Total RECs	152,776	787	1 REC = 1 MWh
M469	Marshall Wind - Marshall Wind	41,309	101	TREC = TIVIVII
M478	Odin Wind - Odin Wind	34,646		
M565	Rugby - Rugby -MRFS	72,913		
M768	Rugby - Rugby -MRES FPL Energy Hancock County Wind	3,908		
M260	Worthington Wind - Worthington Wind	0,000	787	
200	Troiting troiting troiting to the same growth and			

MRETS ID	MRETS Generator Facility Name	RECS retired for RENEWABLE ENERGY STANDARD compliance	RECS retired for GREEN PRICING programs	NOTES
	Total RECs	152,776	787	1 REC = 1 MWh

Attachment A.5

DOCKET NO. E999/PR-16-83 DOCKET NO. E999/PR-02-1240

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)

2019

4.B. & 5.I. Projected compliance for the current plus three (3) upcoming years. *include banked RECs.

					Projected
	actual/projected			Projected	Surplus/
	MN retail sales	RES	RES Req.	Resources	(Deficit)
Year	(MWh)	Req.(%)	(MWh)	(MWh)	(MWh)
2015	1,273,127	12.00%	152,775	896,597	673,392
2016	1,535,623	17.00%	261,056	917,884	584,142
2017	1,821,359	17.00%	309,631	828,634	442,048
2018	1.849.762	17.00%	314.460	686.541	293,484

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	6476	10	2.6
SD	63953	10	25.8

^{*}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.

As a percent of total available capacity, MRES renewable resources currently comprise approximately 10% of MRES energy. At the present time, all MRES renewable resources are based on wind generation.

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

As identified in the various compliance reports MRES files with the Commission and DOC, MRES has acquired existing wind energy resources as an integral part of its power supply program. Those existing renewable resources have been acquired both through ownership and contractual arrangements, and are projected to be adequate to satisfy the specific requirements of the RES through 2019. MRES will pursue future renewable resources to correspond with its projected increasing needs for renewable resources, taking care to identify those options that are most cost effective, regardless of the technology involved.

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

At this time, MRES does not envision any obstacles to meeting the Minnesota Renewable Energy Standard.

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

Not applicable at this time as MRES does not envision any obstacles to meeting the Minnesota Renewable Energy Standard.

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

type	Capacity (MW)	Cap. Factor (%)	Expected Comm'l Operation Date
	type	type Capacity (MW)	type Capacity Cap. (MW) Factor (%)

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.

MRES continues to evaluate opportunities for additional renewable resources to ensure continuing compliance with the requirements of the Minnesota RES, and the REO goals of North Dakota and South Dakota. In 2016 and beyond, MRES will evaluate its renewable energy portfolio and the energy market to determine cost-effective purchases or the acquisition of such resources. MRES is committed to pursuing renewable energy as part of its balanced portfolio to supply its member communities with reliable and cost-effective power supply.

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M-RETS RECs Bought and Sold During the Reporting Period:

January 1, 2014 - December 31, 2015

REC Purchases Total	0
REC Sales Total	0

Enter current reporting year data.			
Wholesale REC Purchases	Wholesale REC Sales	PRICE	NOTES MRES has not purchased or sold any RECs at the wholesale level.
		THIOL	MRES has not purchased or sold any RECs at the
0	0	N/A	wholesale level.

UTILITY NAME Adrian Public Utilities Agralite Cooperative Altkin Public Utilities	140 1
Alexandria Light & Power Anoka Electric Coop	3 26
Arrowhead Electric Coop. Inc. Austin Utilities	4 27
Bagley Public Utilities Commission Barnesville Municipal Power	147 150
Basin Electric Power Association Beltrami Electric Coop, Inc.	3004 29
Benson Municipal Utilities Biwabik Public Utilities	5 30
Blooming Prairie Public Utilities Blue Earth Light & Water Dept	144 138
Blue Earth Nicollet Faribault Coop Brainerd Public Utilities	10
Breckenridge Public Utilities Brown Co Rural Electrical Assn	12
Brownton Municipal Light & Power Buhl Public Utilities	205 235
Carton Co Coop Power Assn Central MN Municipal Power Agency	3006
Ceylon Public Utilities City of Ada	226 139
City of Alpha City of Alvarado	201 202
City of Anoka City of Arlington	53 142
City of Baudette City of Bigelow	28 203
City of Brewster Light & Power City of Buffalo	204 32
City of Caledonia Electric Dept. City of Chaska	13 34
City of Dundee City of Dunnell	228
City of Ely - Ely Utilities Commission City of Granite Falls	135 155
City of Harmony City of Hastings Utility Department	198 31
City of Henning Electric Dept City of Jackson	210
City of Kandiyohi City of Kasota	231 211
City of Kasson City of Luverne	54 63
City of Mabel City of NewFolden	232 215
City of Nietsville City of North St Paul	227
City of Olivia City of Peterson Electric System	24
City of Paterson Electric City of Randall Electric City of Round Lake	218 219
	103
City of Spring Grove City of Staples	154
City of Two Harbors City of Tyler	119 120
City of Warren City of Whalan	124
City of Winthrop Clearwater Polk Electric Coop	128
Coop Power Assn Cooperative Light & Power	133
Crow Wing Coop Power & Light, Inc. Dairyland Power Coop	35
Crow Wing Coop Power & Light, Inc. Dailyland Power Coop Dalkota Electric Assn Danvio Flortric Deet	150
Darwn Electric Dept Delano Municipal Utilities Detroit Lakes Public Utility	206 146 36
East Central Energy East Grand Forks Water & Linkt Dent	36 16
East Grand Fonds Water & Light Dept. East River Electric Power Coop, Inc. Eitzen Light and Power	174
Elbow Lake Municipal Power Elk River Municipal Utilities	177
	145
Federated Rural Electric Assn	40
Freeborn-Mower Coop Sycs Gibert Water & Light	170 41 156
Glencoe Light & Power Commission	42
Grand Marais Public Utilities Grand Rapids Public Utilities Commission	17
Great River Energy	121
Grove City Electric Dept Halstad Municipal Utilities Hawley Public I Itilities	208 46
H.D Electric Coop. Inc.	263
Heartland Consumers Power District	3008
Heartland Power Coop Hibbing Public Utilities Commission	260 162
Hutchinson Utilities Commission Interstate Power and Light Company (Alliant)	49 52
Itasca Mantrap Coop Electric Assn	262
Janesville Municipal Utility Kandiyohi Power Coop	132
Keewatin Public Utilities Kenyon Municipal Utilities	55 153
Lake City Utility Board	267
Lake Country Power Lake Crystal Municipal Utilities	14 57
Lake Park Public Utilities Lake Region Electric Coop	59
Lanesboro Public Utility	214
Le Sueur Municipal Utilities Litchfield Public Utilities Lyon-Lincoln Electric Coop, Inc.	62
Madella Municipal Light E Downs	65
Madison Municipal Utilities Marshall Municipal Utilities	151
McLeod Coop Power Assn Meeker Coop Light & Power Assn Melrose Public Utilities	66
Mile Lacs Electric Coop	67 21
Minnesota Municipal Power Agency Minnesota Power Co	3001
Minnesota Valley Coop Light & Power Assoc Minnesota Valley Electric Coop	70 70
Minrikota Power Coop Missouri River Energy Services	3002
Missouri River Energy Services Moorhead Public Service Moose Lake Water & Light Commission	81 72
Mora Municipal Utilines Mountain Iron Water & Light Dept	73 74
Nashwauk Public Utilities	152 75
New Prague Utilities Commission New Ulm Public Utilities	131 76
Nobles Cooperative Electric North Branch Municipal Water & Light	148 78
	79 23
North Rasca Electric Coop North Pine Electric Coop	
North Pine Electric Coop North Star Electric Coop Northeast Minnesota Municipal Power Agency	3007
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