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: <a href="http://www.commerce.state.mn.us/eDocFile/eFilingHelp.html">http://www.commerce.state.mn.us/eDocFile/eFilingHelp.html</a>

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:

Pro	grams for the Reporting Period:	: January 1, 2015 - Dece	mber 31, 2015
REPORT YEAR	2015	DATE SUBMITTED	May 30, 2015
FILING UTIL	ITY INFORMATION	CONTA	ACT INFORMATION
COMPANY ID #	174	CONTACT NAME	Bob Sahr
COMPANY NAME	East River Electric Power Coop, Inc.	CONTACT TITLE	General Counsel
STREET ADDRESS LINE 1	211 South Harth Avenue	CONTACT TELEPHONE	605-256-4536
STREET ADDRESS LINE 2	P.O. Box 227	CONTACT E-MAIL	bsahr@eastriver.coop
CITY	Madison	001111101 2 1111112	South Country (1900)
STATE	South Dakota	COMMENTS/NOTES	
ZIP CODE	57042	331111121113/113123	
	,		
	GY STANDARDS ON BEHALF OF:		
UTILITY NAME	UTILITY NAME	UTILITY NAME	UTILITY NAME
Agralite Electric Cooperative			
Lyon-Lincoln Electric Cooperative			
Meeker Cooperative Power and Li	ght Association		
Redwood Electric Cooperative			
Renville-Sibley Cooperative Power			
South Central Electric Association			
Traverse Electric Cooperative			
FILING FOR <b>GREEN PRICING PR</b>	ROGRAMS ON BEHALF OF	1	
UTILITY NAME	UTILITY NAME	UTILITY NAME	UTILITY NAME
Agralite Electric Cooperative			
Lyon-Lincoln Electric Cooperative			
Meeker Cooperative Power and Li			
Redwood Electric Cooperative			
Renville-Sibley Cooperative Power	r Association		
South Central Electric Association			
Traverse Electric Cooperative			
	1	·	

DOCKET NO. E999/PR-16-12 DOCKET NO. E999/PR-16-83 DOCKET NO. E999/PR-02-1240 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	425,078
RES Percentage Obligation	12%
RECs Required to be Retired	51,010
Actual RECs Retired	51,106

Enter current reporting year data.

*UTILITY ID #	UTILITY	RETAIL SALES AMOUNT (MWh)	NOTES
174	EREPC - BEPC Supplemental Only	425.078	WAPA: 62,328 MWHs
	Errer or Ber o cappioniental only	120,010	Total BEPC and WAPA MWHs: 487,406 MWHs
			Total BET & and WYN / (WWYTIS: 407,400 WWYTIS

*UTILITY	UTILITY	RETAIL SALES AMOUNT (MWh)	NOTES

DOCKET NO. E999/PR-16-12 DOCKET NO. E999/PR-16-83 DOCKET NO. E999/PR-02-1240

Attachment A.3

**GREEN PRICING Program Sales for the Reporting Period:** 

January 1, 2015 - December 31, 2015

TOTAL GREEN PRICING Sales (MWh)	105
RECS retired for <b>GREEN PRICING</b> programs	106

				PROGRAM SALES	
TILITY ID#	UTILITY NAME	PROGRAM NAME			NOTES
		PrairieWinds®	18		
	,				

List the cumulative retail sales of green pricing electricity, including utility-managed community solar where the utility retires RECs on behalf of customers.

*UTILITY ID #	UTILITY NAME	PROGRAM	PROGRAM SALES (MWh)	NOTES
			,	

DOCKET NO. E999/PR-16-12 DOCKET NO. E999/PR-16-83 DOCKET NO. E999/PR-02-1240

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:	///SEREPL MN RES
Green Pricing REC Retirement Account Name:	/U15 FREPL. WIN (FREEN PRICING

MRETS ID	MRETS Generator Facility Name	RECS retired for RENEWABLE ENERGY STANDARD compliance	RECS retired for GREEN PRICING programs	NOTES
WINLISTO				
	Total RECs	51,106	106	1 REC = 1 MWh
M258	FPL Energy South Dakota Wind	51,106	106	
			_	

MRETS ID	MRETS Generator Facility Name	RECS retired for RENEWABLE ENERGY STANDARD compliance	RECS retired for GREEN PRICING programs	NOTES
	Total RECs	51,106	106	1 REC = 1 MWh

**DOCKET NO. E999/PR-16-12 DOCKET NO. E999/PR-16-83** DOCKET NO. E999/PR-02-1240 Attachment A.5

### **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)

2025

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

I						Projected	
		actual/projected			Projected	Surplus/	
		MN retail sales	RES	RES Req.	Resources	(Deficit)	
	Year	(MWh)	Req.(%)	(MWh)	(MWh)	(MWh)	
	2015	425,078	12%	51,009	51,009		Actual
	2016	479,707	17%	81,550	81,550		Latest Load Forecast
	2017	516,430	17%	87,793	87,793		Latest Load Forecast
	2018	574,262	17%	97,625	97,625		Latest Load Forecast

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 (%)*	
SD	2,593,723	10	85.92%	2015 Actual

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

East River's existing and planned power supply mix is projected to meet known state imposed objectives and standards.

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

East River and its power suppliers continue to pursue opportunities to add wind, solar, waste heat recovery, and other renewable energy projects.

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

State and federal policies, along with regulatory decisions, as well as the practices and strategies of certain interest groups, may artificially create cost shifts among consumers particularly if renewable energy projects are not required to pay their fair share of utility infrastructure including generation, transmission, and distribution costs. If this is permitted, then other consumers will unfairly pay higher rates. This will have a detrimental effect on all impacted consumers, but elderly and lower-income groups will have a particularly difficult time absorbing these added costs.

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

Renewable energy projects should pay their fair share of utility infrastructure including generation, transmission, and distribution costs.

<sup>\*</sup>apportionment of renewable energy should reflect each state's percentage of the utility's total system sales.

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.

East River and its member systems support business practices and state and federal policies that protect against undesirable impacts on ratepayers. As stated previously, the cost shifts, created if renewable energy projects do not pay their fair share of utility infrastructure is of prime concern. East River and its members, along with our statewide association (Minnesota Rural Electric Association) and regional/national groups, invest substantial resources to encourage positive political, regulatory, and business outcomes.

DOCKET NO. E999/PR-16-12 DOCKET NO. E999/PR-16-83 DOCKET NO. E999/PR-02-1240 Attachment A.6

### 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 curre	ent reporting year data.		
Wholesale REC Purchases	Wholesale REC Sales	PRICE	NOTES
0	0		NOTES All RECs obtained through all-requirments contract with Basin Electric. RECs transferred under this agreement, not purchased in market.
			contract with Basin Electric. RECs transferred
			under this agreement, not purchased in market.

Alexandria Light & Power	140 1 2
Anoka Electric Coop	3 26
Arrowhead Electric Coop. Inc	4
Bagley Public Utilities Commission	147
Basin Electric Power Association Beltrami Electric Coop, Inc.	3004
Benson Municipal Utilities  Bianthik Public Utilities	5
Blooming Prairie Public Utilities	144
Blue Earth Nicolet Faribaut Coop Brainerd Public Utilities	10
Breckenridge Public Utilities Brown Co Rural Electrical Assn	12
Brownton Municipal Light & Power	205
Buhl Public Utilities Carton Co Coop Power Assn Central MN Municipal Power Agency	235 7
Central MN Municipal Power Agency Ceylon Public Utilities	3006 226
City of Alpha	139 201
City of Alvarado City of Anoka	202 53
City of Arlington City of Baudette	142 28
City of Bigelow City of Brewster Light & Power City of Buffalo	203
City of Caledonia Electric Dept.	32 13
City of Chaska City of Dundee	34 228
City of Dunnell City of Ely - Ely Utilities Commission City of Granite Falls	229 135
City of Harmony	155 198
City of Hastings Utility Department City of Henning Electric Dept	31 210
City of Jackson City of Kandyohi	160 231
City of Kasota City of Kasson	211 54
City of Luverne City of Mabel	63 232
City of NewFolden City of Nietsville	215 227
City of North St Paul City of Olivia	82 24
City of Peterson Electric System City of Randall Electric	216 218
City of Round Lake	219
City of Rushmore City of Spring Grove	261 154
City of Two Harbors	112
City of Tyler City of Warren	120 124
City of Whalan City of Winthrop	225
Clearwater Polk Electric Coop Coop Power Assn	133
Cooperative Light & Power	9
Crow Wing Coop Power & Light, Inc. Dailyland Power Coop Dalkota Electric Assn Danvio Flortric Deet	199
Delano Municipal Utilities	206 146
Detroit Lakes Public Utility East Central Energy	36 16
East Grand Forks Water & Light Dept. East River Electric Power Coop. Inc.	37 174
Eitzen Light and Power Elbow Lake Municipal Power	230 177
Elk River Municipal Utilities Fairfax Municipal	38 145
Fairfax Municipal Fairmont Public Utilities Federated Rural Electric Assn Fosston Municipal Utilities	141
Freeborn-Mower Coop Svcs	170 41
Gilbert Water & Light Glencoe Light & Power Commission	156 42
Goodhue County Coop Electric Assn Grand Marais Public Utilities	43
Grand Rapids Public Utilities Commission Great River Energy	44 121
Grove City Electric Dept Halstad Municipal Utilities	208 46
Hawley Public Utilities HJD Electric Coop. Inc.	47 263
Head of The Lakes Electric Coop Heartland Consumers Power District	48 3008
Heartland Power Coop Hibbing Public Utilities Commission	260 162
Hutchinson Utilities Commission Interstate Power and Light Company (Alliant)	49 52
Iowa Lakes Electric Coop Itasca Mantrap Coop Electric Assn	262
Janesville Municipal Utility Kandiyohi Power Coop	132 19
Keewatin Public Utilities Kenyon Municipal Utilities	55 153
Land O Power Cooperative Lake City Utility Board	267 56
Lake Country Power Lake Crystal Municipal Utilities	57
Lake Park Public Utilities Lake Region Electric Coop	213 59
Lakefield Municipal Utilities Lanesboro Public Utility	58 214
Le Sueur Municipal Utilities Litchfield Public Utilities Lyon-Lincoln Electric Coop. Inc.	62
Madella Municipal Light & Downs	20 65
Madison Municipal Utilities Marshall Municipal Utilities	137
	151
Meeker Coop Light & Power Assn	64 66
MCLEOG COOP POWER ASSI	64 66 67 21
Meeker Coop Light & Power Assn	64 66 67 21 3001
MCseot Loop Power Assn Melese Coop Light & Power Assn Melese Public Utilities Mille Lacs Electric Coop Minnesota Municipal Power Agency Minnesota Power Co Minnesota Valley Electric Coop Minnesota Valley Electric Coop	67 21 3001 68 22 70
MCs.eod Loop Power Assn Melnse Public Littles Mills Lars Electric Coop Minnesota Municipal Power Agency Minnesota Power Co Minnesota Valley Coop Light & Power Assoc- Minnesota Valley Coop Light & Power Assoc- Minnesota Valley Electric Coop Minnesota Valley Electric Coop	67 21 3001 68 22
MAGLADO LOGO POWER ASIAN Meliser Coop Light & Power Asian Meliser Coop Light & Power Asian Meliser Public Utilities Miller Large Electric Coope Minnisosta Municipal Power Agency Minnisosta Municipal Power Agency Minnisosta Light Coop Light & Power Assoc- Minnisosta Valley Coop Light & Power Assoc- Minnisosta Valley Electric Coop Minnisosta Power Coop Minnisosta Power Energy Sarvices Moorhead Public Service Moorhead Public Service	67 21 3001 68 22 70
Misse Cool Label A From Ason Misse Coop Label A From Ason Miss Lace Electric Coop Miss Lace Electric Coop Misse Lace Electric Coop Minesotal Power Agency Mencetal Marked Power Agency Mencetal Power Co Mencetal Valley Electric Coop Mencetal Valley Electric Coop Missour Division Misseur Misseur Misseur Coop Missour Division Misseur	67 21 3001 68 22 70
Model Code Fueld Refer Motion Fuel Code Fueld Refer Mile Lans Electric Coop Mile Lans Electric Coop Mile Lans Electric Coop Mile Code Fuel Code Morroson Multiple Provid Agency Morroson Valley Code Light & Power Assoc Morroson Valley Code Light & Power Assoc Morroson Fuel Code Code Morroson Fuel Code Code Morroson Fuel Code Code Morroson Fuel Code Morros	67 21 3001 68 22 70
Microdo Cubo Florido Redit.  Microdo Cubo Florido Redit.  Millia Lass Berido Coop.  Millia Lass Berido Coop.  Micropola Policia Vagante  Micropola Policia Vagante  Micropola Policia Vagante  Micropola Policia Vagante  Micropola Vagante  Micr	67 21 3001 68 22 70 69 3002 81 72 73 74
Medie Cool, 1978 A Spring Association Medies Cool, 1978 A Spring Association Media Law Escience Coole - Marine Law Escience Coole - Marine Law Escience Coole - Marriagola Paper Co Marriagola Paper Co Marriagola Valley Cool 1978 A Paper Association Marriagola Valley Cool 1978 A Spring Association Marine Law Escience Coole - Marine Law Escience Law Escience Coole - Marine Law Escience Law Es	67 21 3001 68 22 70 69 3002 81 72 73 74
MACROEL COOK FORM BOOK MACROEL COOK FORM BOOK MARKET PARKET MARKET PARKET MARKET PARKET MARKET PARKET MARKET MARKE	67 21 3001 68 22 70 69 3002 81 72 73 74 152 75 131
Models Cook (1974 & Perus Associ Mones Parks) (1998) Milk Lans Bachel Cook Milk Lans Bachel Cook Milk Lans Bachel Cook Memorials Pares Cook Memorials Land Cook Memorials Land Cook Memorials Land Cook Mones Resident Services Mones Resident Services Mones Resident Services Mones Resident Services Mones Land Wilke La Lug Commission Mones Land Wilke Laug Commission National Land Laught Laught Laught National Land Laught Laught National Laught Laught Laught National Laught Laught National Laught Laught National Laught Laught National Laught Laught National Laught Laught National Laught N	67 21 3001 68 22 70 69 3002 81 72 73 74 152 75 131
Models Cook Lift & Power James Models Cook Lift & Power James Monton Parks United Morros Parks United Morros Parks United Morros House Agency Morros House Cook Morros House Morros Morros House Morros Mo	67 21 3001 68 22 70 69 3002 81 72 73 74 152 75 131
Models Cool Light A Florent Assets Monthson Public Lights Monthson Public Light Monthson Months	67 21 21 3001 68 22 27 70 69 3000 31 12 72 74 15 15 13 13 13 14 14 18 19 19 19 20 30 30 30 30 30 30 30 30 30 30 30 30 30
Monte Coop Court From Monte Coop Court From Mark Law Reduct Coop Mark Law Reduct Coop Market Market Coop Market Market Coop Market Market Market Coop Market Ma	67 21 21 3000 68 22 22 70 69 3000 3000 72 73 74 74 152 153 131 131 148 148 149 153 153 153 153 153 153 153 153 153 153
Steeled Cook of the Resident Steeled S	67 21 21 3000 68 22 22 70 69 3000 3000 72 73 74 74 152 153 131 131 148 148 149 153 153 153 153 153 153 153 153 153 153
Monte Coop Court From Monte Coop Court From Mark Law Reduct Coop Mark Law Reduct Coop Market Market Coop Market Market Coop Market Market Market Coop Market Ma	67 21 21 3000 68 22 22 70 69 3000 3000 72 73 74 74 152 153 131 131 148 148 149 153 153 153 153 153 153 153 153 153 153
Michael Coop Coop Fig. 1981 Michael Coop Coop Fig. 1981 Mill Law Report Force Coop Coop Fig. 1981 Mill Law Report Force Coop Coop Coop Coop Fig. 1981 Mill Law Report Force Coop Coop Coop Coop Coop Coop Coop Coo	67 2001 3001 2002 2002 2002 2002 2002 2002
Models Cool Lett & Power James Monte Cool Lett & Power James Monte Cool Lett & Power Assert Monte Cool Lett & Cool Lett Monte Cool Lett & Cool Lett Monte Cool Monte Cool Lett Monte Cool Monte	67 21 21 30 30 30 30 30 30 30 30 30 30 30 30 30
Models Cool Light & Power Asson Models Cool Light & Power Asson Male Law R Jackson Male Law R Jackson Male Law R Jackson Marchael Power Marchael	67 21 20 30 30 30 30 30 30 30 30 30 30 30 30 30
Models Cool 12th A Power Asso.  Montes Public Miller A Power Asso.  Moressian A Marcial Power Assocy  Moressian A Marcial Power Asso.  Moressian A Marcial Power Asso.  Moressian A Marcial Power Asso.  Moressian Power Cool 2015  Moressian Power Associated Associ	67 21 20 30 30 30 30 30 30 30 30 30 30 30 30 30
Models Cook Little A Freet Asset Models Cook Little A Freet Asset Models Cook Little A Freet Asset Models In Marchael Freet Asset Models And Marchael Freet Models And Marchael Models And Models And Marchael Models And Models And Marchael Models And Models And Marchael Models A	67 212 212 212 212 212 213 213 213 213 213
Models Cool Light & Power Assets Models Cool Light & Power Assets Markes Robert Assets Markes	67 221 201 201 201 201 201 201 201 201 201
Street Control	67 21 20 20 20 30 30 30 30 30 30 30 30 30 30 30 30 30
Montes Carlo Little Reservation Montes Carlo Little Commission Montes Carlo Little Commission Montes Carlo Little Commission Montes Carlo Little Reservation Non Propaga Littles Commission Montes Carlo Little Reservation Non Propaga Littles Commission Non Propaga Littles Littles Non Propaga Lit	C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1
Street, Concerned Process Assets Michael Concerned Process Assets Microsoft Marriaged Process Microsoft Marriaged Process Microsoft Marriaged Marr	E C C C C C C C C C C C C C C C C C C C
Steadows Construence Services August Steadows August Services Services August Services Servic	6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Montes Des Copia Carla Review Assess Montes Des	E C C C C C C C C C C C C C C C C C C C
Michael Concerning Michael Control Con	5 C C C C C C C C C C C C C C C C C C C
Montes Des Coult Little Revent Assets Montes Little Revent Coop Montes Lit	6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Montes Des Coult Little Revent Assets Montes Little Revent Coop Montes Lit	G 1
Montan Conce Court Prices  Montan Park United	6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Models Code Carlo A Freet Associ Models Code Carlo A Freet Associ Models Code Carlo A Freet Associ Models Carlo A Freet Associ Non Pragas Allies Commission Non Pragas Allies Commission Non Pragas Allies Commission Non Pragas Associ Non Pragas Assoc	6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Models Cook Could Preser Assets Models Cook Could Preser Assets Models Cook Could Preser Assets Models Could Preser Assets Models Assets Models Could Preser Models Could Preser Assets Models Could Preser Assets Models Could Preser Models	6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Street, Commission Paris Commission Water Street, Commission Paris Commission	G 1
Montar David Preser Assert Montar David Preser Montar David Pres	G 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Mississic Coop Court Private Assets Mississic Coop Court Private Assets Mississic Coop Court Private Assets Mississic Market P	G 1