

Instructions

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

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

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

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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:	Sub-Account 4259, "Interstate Power and Light 2015 MN REO/RES"
Green Pricing REC Retirement Account Name:	Sub-Account 3251, "Interstate Power and Light 2015 MN Green Pricing"
Renewable Energy Standard REC Retirement Account Name:	Sub-Account 4260, "SMEC 2015 MN REO/RES"
Green Pricing REC Retirement Account Name:	Sub-Account 4261, "SMEC 2015 MN Green Pricing"

MRETS ID	MRETS Generator Facility Name	RECS retired for RENEWABLE ENERGY STANDARD compliance	RECS retired for GREEN PRICING programs	NOTES
Total RECs		98,335	1,680	1 REC = 1 MWh
IPL REC Retirements for MN RES				
M198	FPL Energy Hancock County Wind LLC	11,731		2015 vintage, Jan
M198	FPL Energy Hancock County Wind LLC	5,637		2015 vintage, Feb
M558	Whispering Willow Wind Farm-East	6,584		2015 vintage, Jan
M558	Whispering Willow Wind Farm-East	5,878		2015 vintage, Feb
M558	Whispering Willow Wind Farm-East	2,402		2015 vintage, Mar
M558	Whispering Willow Wind Farm-East	26,021		2014 vintage
M265	Storm Lake Power Partners II LLC	88		2011 vintage
M266	Hawkeye Power Partners LLC	182		2015 vintage
^ This 182 RECs pursuant to March 30, 2009 order in docket no. E-001/PA-08-929 (pertaining to the hydro sale). IPL allocated this additional 182 RECs from Iowa to Minnesota.				
IPL REC Retirements for MN GPP				
M531	Wilmont Hills Wind Farm		54	2015 vintage
M531	Wilmont Hills Wind Farm		549	2015 vintage
M531	Wilmont Hills Wind Farm		477	2015 vintage
SMEC REC Retirements for MN RES				
M268	Hardin Hilltop Wind, LLC	6,337		2014 vintage, Jan
M268	Hardin Hilltop Wind, LLC	4,080		2014 vintage, Feb
M268	Hardin Hilltop Wind, LLC	5,882		2014 vintage, Mar
M269	Windom Wind Farm	6,040		2014 vintage, Jan
M269	Windom Wind Farm	4,781		2014 vintage, Feb
M269	Windom Wind Farm	4,519		2014 vintage, Mar
M270	Adams Wind Farm	1,419		2014 vintage, Jan
M270	Adams Wind Farm	1,056		2014 vintage, Feb
M270	Adams Wind Farm	1,226		2014 vintage, Mar
M270	Adams Wind Farm	1,339		2014 vintage, Apr

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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 **IPL**

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

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)
2015	485,440	12%	58,253	68,636	10,383
2016	583	17%	99	RECs already retired	
2017	N/A due to sale, 2016 is remaining Dundee wholesale load which ends 9/13/2016				
2018					

N/A per sale. IPL will no longer have MN RES obligations.
The 68,636 2015 RECs includes 42,615 RECs allocated for the 2015 year and 26,021 banked RECs. The remaining 10,383 RECs after 2015 retirements will transfer to SMEC's account.

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 (%)*
Iowa	119,414	0.80%	91.70%

The Iowa requirement is a flat 49.8 MW nameplate requirement from an assigned facility, not % of retail sales.

*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.
IPL's Minnesota allocated 2015 renewable energy mix was 8.8% relative to the 12% RES. IPL had sufficient 4 year shelf life RECs to satisfy compliance needs.

5.E.3(ii) Efforts taken to meet the objective and standards
IPL's construction of the 200 MW Whispering Willow Windfarm - East (WWWEE) at the end of 2009 has increased its renewable portfolio greatly. Further, IPL's large excess of Iowa allocated RECs can be used to meet Minnesota needs.

5.E.3(iii) Obstacles encountered or anticipated in meeting the objective or standards
N/A due to sale

5.E.3(iv) Potential solutions to the obstacles
N/A due to sale

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
(none)				

IPL may have some small PURPA/QF facilities added, but this is not expected to significantly increase the IPL renewable percentage.

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.
N/A due to sale

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 **SMEC**

4.A. & 5.H. the year through which the utility can maintain compliance with its current renewable portfolio* **2016**
*Include banked Renewable Energy Credits (RECs)

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)	GPP Req. (MWh)	Projected Resources (MWh)	Projected Surplus/ (Deficit) (MWh)
2015	331,761	12%	39,812	600	130,471	90,059
2016	834,211	17%	141,816	1,680	75,500	22,063
2017	838,374	17%	142,524	1,680	75,500	(46,641)
2018	842,558	17%	143,235	1,680	75,500	(116,056)

The 130,471 2015 RECs includes 31,524 RECs allocated for the 2015 year, 88,947 banked RECs, as well as the 10,383 excess IPL MN allocated RECs shown at left.

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 (%)*
none			

*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.
SMEC's 2015 renewable energy mix was 9.5% relative to the 12% RES. SMEC had sufficient 4 year shelf life RECs to satisfy compliance needs.

5.E.3(ii) Efforts taken to meet the objective and standards
SMEC has purchased RECs to maintain compliance through 2016, is researching projects to meet future requirements, and considering releasing an RFP.

5.E.3(iii) Obstacles encountered or anticipated in meeting the objective or standards
At this time SMEC does not foresee obstacles to the compliance plan. SMEC believes it has reasonable flexibility and multiple alternatives available.

5.E.3(iv) Potential solutions to the obstacles
N/A per above

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
(none)				

SMEC will receive an allocation of IPL renewables.

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.
SMEC has purchased RECs to maintain compliance through 2016 - this is an economic path considering REC prices have fallen significantly since 2008. SMEC is also researching projects to meet future requirements, which may include an RFP, and will consider economic impacts as part of that research.

