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: <u>http://www.commerce.state.mn.us/eDocFile/eFilingHelp.html</u>

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

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:

REPORT YEAR	2015
FILING UTILI	TY INFORMATION
COMPANY ID #	52
COMPANY NAME	Interstate Power & Light Company
STREET ADDRESS LINE 1	200 First Street SE
STREET ADDRESS LINE 2	PO Box 351
CITY	Cedar Rapids
STATE	Iowa
ZIP CODE	52406-0351

January 1, 2015 - December 31, 2015

DATE SUBMITTED	June 1, 2016
- -	
CONTACT	INFORMATION
CONTACT NAME	James Niccolls
CONTACT TITLE	Lead Resource Planning Consultant
CONTACT TELEPHONE	319-786-4882
CONTACT E-MAIL	jamesniccolls@alliantenergy.com

COMMENTS/NOTES

FILING FOR <b>RENEWABLE ENER</b>	GY STANDARDS ON BEHALF OF:		
		UTILITY NAME	UTILITY NAME
Interstate Power & Light Co.			
City of Dundee			
Southern Minnesota Energy Coope	erative		

FILING FOR GREEN PRICING PR	OGRAMS ON BEHALF OF:		
	UTILITY NAME	UTILITY NAME	UTILITY NAME
Interstate Power & Light Co.			
Southern Minnesota Energy Coope	erative		

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#### 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

		Ret	ail Sales Total	817,937
			age Obligation	12%
		RECs Required		98,153
			RECs Retired	98,335
				00,000
		Enter current reporting year data.		
*UTILITY		RETAIL SALES		
ID # 52	UTILITY Interstate Power & Light Co.	(MWh) 485.440	NOTES	al year, 7 months
228	City of Dundee	736	IPL did not receiv	ve Dundee's retail sales. The 736 MWH
			represents IPL's	sales to Dundee.
268	Southern Minnesota Energy Cooperati	331 761	2015 was a parti	al year, 5 months
200				
-				
-				

Attachment A.2

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

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

1,679
1,680
half of customers,
r, 7 months
r, 5 months
r

			PROGRAM	
	PROGRAM NAME		SALES	
				NOTEO
UTILITY NAME		CUSTOWERS	(MWh)	NOTES

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### 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:	
Green Pricing REC Retirement Account Name:	· · · · · ·
Renewable Energy Standard REC Retirement Account Name:	SUB-ACCOUNT 4760 "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			2015 vintage
M531	Wilmont Hills Wind Farm			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

MRETS ID	MRETS Generator Facility Name	RECS retired for RENEWABLE ENERGY STANDARD compliance	RECS retired for GREEN PRICING programs	NOTES
	Total RECs		1,680	
M270	Adams Wind Farm	98,335 1,080	1,000	2014 vintage, May
M270	Adams Wind Farm	702		2014 vintage, Jun
M696	Minwind I & II	1,291		2014 vintage, Jan
M696	Minwind I & II	60		2014 vintage, Feb
WIGGO				2014 Vintage, 1 60
				SMEC REC Retirements for MN GPP
M696	Minwind I & II		600	2014 vintage

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nnial Complian se report the follow	nce reporting wing items in compliance with the PUC May	28, 2013 Order in Docket	No. E999/M-12-958			ce reporting	ance with the	PUC May 2	8, 2013 Or	der in Docke	t No. E999/N	1-12-958
ring Point	IPL			Ordering Po	pint	S	MEC					
	r through which the utility can maintain of banked Renewable Energy Credits (RECs)		rent renewable portfolio*	N/A 4.A. & 5.H.		through which the anked Renewable			ompliance	with its cur	rent renewa	able portfolio* 2016
	ed compliance for the current plus three		clude banked RECs.	4.B. & 5.I.		I compliance for t			3) upcomi	ng years. *in	iclude banke	d RECs.
Year 201 201 201	16 583 17% 99 17 N/A due to sale, 2016 is remaining Du	(MWh) (MWh) 68,636 10,383 RECs already retired undee wholesale load	N/A per sale. IPL will no longer h MN RES obligations. The 68,636 2015 RECs includes 42,6 allocated for the 2015 year and 26,0 RECs. The remaining 10,383 RECs at retirements will transfer to SMEC's at	i15 RECs D21 banked fter 2015	Year 2015 2016 2017 2018	838,374	RES Req.(%) 12% 17%	RES Req. (MWh) 39,812 141,816 142,524 143,235	GPP Req. (MWh) 600 1.680 1.680 1.680	Projected Resources (MWh) 130,471 75,500 75,500 75,500	Projected Surplus/ (Deficit) (MWh) 90,059 22,063 (46,641) (116,056)	The 130,471 2015 RECs includes 31,524 RECs allocated for the 20 year, 88,564 banked RECs, as we the 10,383 excess IPL MM allocat RECs shown at left.
& 5.F. Identify renewal	other State Renewable Standards or Ob ble energy allocated to meet the renewal	jectives to which the ut ble requirements.	ility is subject, and the percentage	of 5.E.2 & 5.F	. Identify o renewabl	ther State Renew e energy allocate	able Standa d to meet th	rds or Obje e renewab	ectives to v le requirer	vhich the ut nents.	ility is subj	ect, and the percentage of
assigned	RES Req. renewable		the utility's total system sales.		State *apportion	RES Req. (MWh) none ment of renewable		renewable to	this state (	apportioned %)*	f the utility's t	total system sales.
IPL's Mir	tus of the utility's renewable energy mix innesota allocated 2015 renewable energy m is to satisfy compliance needs.	relative to the objective ix was 8.8% relative to th	e & standards. e 12% RES. IPL had sufficient 4 year	5.E.3 (i)	SMEC's 2	is of the utility's r 015 renewable ene mpliance needs.	renewable er ergy mix was	nergy mix i 9.5% relativ	relative to ve to the 12	the objectiv % RES. SM	e & standar EC had suffi	ds. cient 4 year shelf life RECs to
								d standard:			abing project	
IPL's cor	taken to meet the objective and standard nstruction of the 200 MW Whispering Willo le portfolio greatly. Further, IPL's large exc	w Windfarm - East (WWV			SMEC has	ken to meet the o s purchased RECs dering releasing an	to maintain o		through 20	ro, is researd	uning projects	s to meet ruture requirements,
IPL's cor renewab	nstruction of the 200 MW Whispering Willow ole portfolio greatly. Further, IPL's large exc les encountered or anticipated in meetin	w Windfarm - East (WWV ess of Iowa allocated REC	s can be used to meet Minnesota nee	its	SMEC has and consider Obstacles At this tim	s purchased RECs dering releasing an s encountered or	anticipated	in meeting	the object	ive or stand	dards	s to meet ruture requirements,
(iii) Obstacl	nstruction of the 200 MW Whispering Willow lee portfolio greatly. Further, IPL's large exc les encountered or anticipated in meetin to sale al solutions to the obstacles	w Windfarm - East (WWV ess of Iowa allocated REC	s can be used to meet Minnesota nee	its eds.	SMEC has and considered Obstacles At this tim multiple al	s purchased RECs dering releasing an s encountered or le SMEC does not l ternatives available solutions to the o	anticipated	in meeting	the object	ive or stand	dards	
(iii) Obstacl N/A due	nstruction of the 200 MW Whispering Willow lee portfolio greatly. Further, IPL's large exc les encountered or anticipated in meetin to sale al solutions to the obstacles	w Windfarm - East (WWW ess of Iowa allocated REC ing the objective or stand	's can be used to meet Minnesota nee	its ods. 5.E.3(iii)	SMEC has and consider Obstacles At this tim multiple al Potential N/A per at	s purchased RECs dering releasing an s encountered or le SMEC does not l ternatives available solutions to the o	anticipated foresee obsta e.	in meeting cles to the	the object	ive or stanc plan. SMEC	dards C believes it h	has reasonable flexibility and
(iii) Obstacl NA due (iv) Potentic List any	nstruction of the 200 MW Whispering Willo le portfolio greatly. Further, IPL's large exc les encountered or anticipated in meetin to sale al solutions to the obstacles to sale	w Windfarm - East (WWV ess of Iowa allocated REC at the objective or stand ad to become operation Cap. Operation Cap. Operation Bate ad, but this is not	's can be used to meet Minnesota nee	5.E.3(iii)	SMEC has and consist At this tim multiple al N/A per at List any r	s purchased RECs dering releasing an s encountered or te SMEC does not ternatives available solutions to the o	to maintain o REP. anticipated foresee obsta a. obstacles	in meeting acles to the Capacity (MW)	the object	ive or stand plan. SMEC	dards C believes it h	has reasonable flexibility and

adven 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 2005. SMEC is also researching projects to meet future requirements, which may include an RFP, and will consider economic impacts as part of that research.

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: [TRADE SECRET DATA BEGINS]

January 1, 2014 - December 31, 2015

REC Purchases Total			
REC Sales Total			
		1	
Enter current reporting year data.			
			TRADE SECRET DATA ENDS]
Wholesale REC Purchases	Wholesale REC Sales	PRICE	NOTES
TRADE SECRET DATA BEGINS			
			SMEC
			SWILC
			TRADE SECRET DATA ENDS]

