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Paula N. Johnson  
Senior Attorney - Regulatory

Interstate Power and Light Company  
An Alliant Energy Company

Alliant Tower  
200 First Street SE  
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September 2, 2014

Dr. Burl Haar, Executive Secretary  
Minnesota Public Utilities Commission  
121 7<sup>th</sup> Place East, Suite 350  
St. Paul, MN 55101-2147

RE: Interstate Power and Light Company  
Docket No. E001/M-14-\_\_\_\_  
Petition for 2015 Renewable Energy Recovery Adjustment

Dear Dr. Haar:

Enclosed for e-Filing please find Interstate Power and Light Company's (IPL) Petition for 2015 Renewable Energy Recovery Adjustment in the above-referenced docket.

Copies of this filing have been served on the Minnesota Department of Commerce, Division of Energy Resources, the Minnesota Office of Attorney General - Residential and Small Business Utilities Division and the attached service list.

Respectfully submitted,

/s/ Paula N. Johnson

Paula N. Johnson  
Senior Attorney - Regulatory

PNJ/kcb  
Enclosures

cc: Service List

STATE OF MINNESOTA

BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION

Beverly Jones Heydinger  
David C. Boyd  
Nancy Lange  
Dan Lipschultz  
Betsy Wergin

Chair  
Commissioner  
Commissioner  
Commissioner  
Commissioner

<p>IN THE MATTER OF INTERSTATE POWER AND LIGHT COMPANY'S PETITION FOR APPROVAL OF 2015 RENEWABLE ENERGY RECOVERY COST ADJUSTMENT RIDER</p>	<p>DOCKET NO. E001/M-14-____</p>
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AFFIDAVIT OF SERVICE

STATE OF IOWA            )  
  ) ss.  
COUNTY OF LINN        )

Kathleen C. Balvanz, being first duly sworn on oath, deposes and states:

That on the 2<sup>nd</sup> day of September, 2014, copies of the foregoing Affidavit of Service, together with Interstate Power and Light Company's Petition for 2015 Renewable Energy Recovery Adjustment, were served upon the parties on the attached service list, by e-filing, overnight delivery, electronic mail, facsimile and/or first-class mail, proper postage prepaid from Cedar Rapids, Iowa.

          /s/ Kathleen C. Balvanz            
Kathleen C. Balvanz

Subscribed and Sworn to Before Me  
this 2<sup>nd</sup> day of September, 2014.

          /s/ Kathleen J. Faine            
Kathleen J. Faine  
Notary Public  
My Commission Expires on February 20, 2015

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Bobby	Adam	bobby.adam@conagrafoods.com	ConAgra	Suite 5022 11 ConAgra Drive Omaha, NE 68102	Electronic Service	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List
Christopher	Anderson	canderson@allete.com	Minnesota Power	30 W Superior St  Duluth, MN 558022191	Electronic Service	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List
Julia	Anderson	Julia.Anderson@ag.state.mn.us	Office of the Attorney General-DOC	1800 BRM Tower 445 Minnesota St St. Paul, MN 551012134	Electronic Service	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List
William A.	Blazar	bblazar@mnchamber.com	Minnesota Chamber Of Commerce	Suite 1500 400 Robert Street North St. Paul, MN 55101	Electronic Service	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List
Michael	Bradley	mike.bradley@lawmoss.com	Moss & Barnett	150 S. 5th Street, #1200  Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List
City	Clerk	sschulte@ci.albertlea.mn.us	City of Albert Lea	221 E Clark St  Albert Lea, MN 56007	Electronic Service	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List
Ian	Dobson	ian.dobson@ag.state.mn.us	Office of the Attorney General-RUD	Antitrust and Utilities Division 445 Minnesota Street, BRM Tower St. Paul, MN 55101	Electronic Service 1400	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List
Sharon	Ferguson	sharon.ferguson@state.mn.us	Department of Commerce	85 7th Place E Ste 500  Saint Paul, MN 551012198	Electronic Service	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List
David	Grover	dgrover@itctransco.com	ITC Midwest	901 Marquette Avenue Suite 1950 Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List
Burl W.	Haar	burl.haar@state.mn.us	Public Utilities Commission	Suite 350 121 7th Place East St. Paul, MN 551012147	Electronic Service	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Annete	Henkel	mui@mutilityinvestors.org	Minnesota Utility Investors	413 Wacouta Street #230 St. Paul, MN 55101	Electronic Service	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List
Linda	Jensen	linda.s.jensen@ag.state.mn.us	Office of the Attorney General-DOC	1800 BRM Tower 445 Minnesota Street  St. Paul, MN 551012134	Electronic Service	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List
Paula	Johnson	paulajohnson@alliantenergy.com	Alliant Energy-Interstate Power and Light Company	P.O. Box 351 200 First Street, SE Cedar Rapids, IA 524060351	Electronic Service	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List
Jim	Krueger	jkrueger@fmcs.coop	Freeborn-Mower Cooperative Services	Box 611  Albert Lea, MN 56007	Electronic Service	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List
John	Lindell	agorud.ecf@ag.state.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012130	Electronic Service	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List
Kavita	Maini	kmains@wi.rr.com	KM Energy Consulting LLC	961 N Lost Woods Rd  Oconomowoc, WI 53066	Electronic Service	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List
Pam	Marshall	pam@energycents.org	Energy CENTS Coalition	823 7th St E  St. Paul, MN 55106	Electronic Service	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List
David	Moeller	dmoeller@allete.com	Minnesota Power	30 W Superior St  Duluth, MN 558022093	Electronic Service	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List
Carl	Nelson	cnelson@mncee.org	Center for Energy and Environment	212 3rd Ave N Ste 560  Minneapolis, MN 55401	Electronic Service	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List
Steven	Nyhus	swnyhus@flaherty-hood.com	Flaherty & Hood PA	525 Park St Ste 470  Saint Paul, MN 55103	Electronic Service	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Richard	Savelkoul	rsavelkoul@martinsquires.com	Martin & Squires, P.A.	332 Minnesota Street Ste W2750  St. Paul, MN 55101	Electronic Service	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List
Larry L.	Schedin	Larry@LLSResources.com	LLS Resources, LLC	12 S 6th St Ste 1137  Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List
Matthew J.	Schuerger P.E.	mjsreg@earthlink.net	Energy Systems Consulting Services, LLC	PO Box 16129  St. Paul, MN 55116	Electronic Service	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List
Ron	Spangler, Jr.	rlspangler@otpc.com	Otter Tail Power Company	215 So. Cascade St. PO Box 496 Fergus Falls, MN 565380496	Electronic Service	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List
Robyn	Woeste	robynwoeste@alliantenergy.com	Interstate Power and Light Company	200 First St SE  Cedar Rapids, IA 52401	Electronic Service	No	GEN_SL_Interstate Power and Light Company_Interstate Power and Light Company General Service List

**STATE OF MINNESOTA**

**BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION**

**Beverly Jones Heydinger  
David C. Boyd  
Nancy Lange  
Dan Lipschultz  
Betsy Wergin**

**Chair  
Commissioner  
Commissioner  
Commissioner  
Commissioner**

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**IN THE MATTER OF INTERSTATE  
POWER AND LIGHT COMPANY'S  
PETITION FOR APPROVAL OF 2015  
RENEWABLE ENERGY RECOVERY  
ADJUSTMENT RIDER**

**DOCKET NO. E001/M-14-\_\_\_\_**

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**SUMMARY OF FILING**

Please take notice that on September 2, 2014, Interstate Power and Light Company filed with the Minnesota Public Utilities Commission a petition seeking approval of a miscellaneous rate change to update the Renewable Energy Recovery Adjustment Rider.

**STATE OF MINNESOTA**

**BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION**

**Beverly Jones Heydinger  
David C. Boyd  
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**IN THE MATTER OF INTERSTATE  
POWER AND LIGHT COMPANY'S  
PETITION FOR APPROVAL OF 2015  
RENEWABLE ENERGY RECOVERY  
ADJUSTMENT RIDER**

**DOCKET NO. E001/M-14-\_\_\_\_**

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**INTERSTATE POWER AND LIGHT COMPANY'S PETITION FOR 2015  
RENEWABLE ENERGY RECOVERY ADJUSTMENT**

**COMES NOW**, Interstate Power and Light Company (IPL), and hereby submits its Renewable Energy Recovery (RER) Adjustment pursuant to the Minnesota Public Utilities Commission (Commission), Minn. Stat. § 216B.1645 and Minn. Rule 7829.0100, subpt. 11. The RER factor was last changed in IPL's final rates compliance filing in 2012 in Docket No. E001/GR-10-270.

In support of its request, IPL states the following:

**I. INTRODUCTION**

IPL is requesting that the Commission approve IPL's proposed 2015 RER factor effective for the twelve month period of January 2015 through December 2015. The proposed 2015 RER factor is based upon forecasted recovery of the revenue requirement of IPL's Whispering Willow Wind Farm – East (WWE) project as reflected in the Commission's final order issued on December 26,

2013 in Docket No. E001/M-10-312. In support of its proposed 2015 RER factor, IPL states the following:

## **II. PROCEDURAL MATTERS**

### **A. Summary of Filing**

A one-paragraph summary of the filing accompanies this Petition pursuant to Minn, Rules Part 7829.1300, subp. 1.

### **B. Service on Other Parties**

Pursuant to Minn. Rules Part 7829.1300, subp. 2, IPL has served a copy of this Petition on the Minnesota Department of Commerce, Division of Energy Resources, (Department) and the Office of the Attorney General – Residential and Small Business Utilities Division.

### **C. General Filing Information**

Pursuant to Minn. Rules Part 7829.1300, subp. 3, IPL provides the following required information.

#### **1. Name, Address, and Telephone Number of Utility**

Interstate Power and Light Company  
Alliant Tower  
200 First Street SE  
P.O. Box 351  
Cedar Rapids, Iowa 52406-0351  
(800) 822-4348

#### **2. Name, Address, and Telephone Number of Utility Attorney**

Paula N. Johnson  
Senior Attorney - Regulatory  
Alliant Tower  
200 First Street SE  
P.O. Box 351  
Cedar Rapids, Iowa 52406-0351  
(319) 786-4742



**3. Date of Filing and the Date the Proposed Rate or Service Change Will Go Into Effect**

IPL is submitting this filing on September 2, 2014, and respectfully requests that its proposed 2015 RER factor be implemented for the next 12 months, beginning January 1, 2015.

**4. Statute Controlling Schedule for Processing the Filing**

The applicable statute is Minn. Stat. § 216B.1645, which governs the method of recovery and accounting for renewable energy expenditures incurred in order to comply with Minn. Stat. § 216B.1691 subds 2 and 2a. The proposed 2015 RER factor falls within the definition of a “Miscellaneous Tariff Filing,” under Minn. Rule 7829.0100, subp. 11, because no determination of IPL’s general revenue requirement is necessary. Pursuant to Minn. Rule 7829.1400, subps. 1 and 4, initial comments on a miscellaneous tariff filing are due within 30 days of filing, with replies due 10 days thereafter.

**5. Utility Employee Responsible for Filing**

Paula N. Johnson  
Senior Attorney - Regulatory  
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200 First Street, SE  
PO Box 351  
Cedar Rapids, Iowa 52406-0351  
(319) 786-4742

Robyn Woeste  
Manager, Regulatory Affairs  
Alliant Tower  
200 First Street, SE  
PO Box 351  
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(319) 786-4384

### III. DESCRIPTION AND PURPOSE OF FILING

#### A. Background

The Renewable Energy Standards (RES) Statute (Minn. Stat. § 216B.1691, Subd. 2a(b)) sets renewable objectives and standards for Minnesota utilities, including IPL. Subdivisions 2 and 2a of the RES Statute establishes the following levels of total retail electricity sales to retail customers in Minnesota that are to be provided from “eligible energy technologies”:

Year	Percent
2010	7 percent
2012	12 percent
2016	17 percent
2020	20 percent
2025	25 percent.

The Cost Recovery Statute (Minn. Stat. § 216B.1645) authorizes the Commission to approve investments made to satisfy a utility’s Renewable Energy Objectives (REO) and RES under the RES Statute. Subdivision 2 of the Cost Recovery Statute:

(i) allows cost recovery of prudently incurred investments, expenses and costs of facilities constructed, owned, or operated to meet the requirements of the RES Statute; and

(ii) authorizes the Commission to approve a rate schedule that allows a utility to recover the costs of qualifying renewable energy projects on a timely basis.

These statutory provisions assist utilities in meeting the REO and RES.

On August 12, 2011, as part of the Commission's Order in IPL's 2010 general rate case (Docket No. E001/GR-10-276), the Commission authorized recovery of costs for the WWE at a temporary level of \$51 per megawatt-hour (MWH) to be recovered through a renewable energy rider, effective with the implementation of final rates. In addition, the Commission referred all recovery issues associated with WWE to Docket No. E-001/M-10-312. All amounts collected through the Rider RER ider will be subject to true-up to reflect a final Commission decision on the appropriate level of cost recovery in the aforementioned docket.

As part of the rate case compliance filing (to effectuate the temporary recovery of WWE in Rider costs), the Commission approved IPL's 2012 RER factor, which reflected the temporary recovery of WWE at a levelized cost of \$51 per MWH plus a small credit from the sale of Renewable Energy Credits (RECs) that had been approved in Docket No. E-001/GR-10-276.

On December 26, 2013, the Commission issued an Order Adopting Administrative Law Judge's Report and Findings in Docket No. E001/M-10-312. The Order approved IPL's RER Rider with the following provisions:

1. The final revenue requirement as set by the Commission shall commence on January 1, 2013, with true-up from that date.

2. The revenue requirement approved by the Commission is based on the full investment of WWE plus current annual Operations and Maintenance costs assuming a January 1, 2013 start date.
3. IPL shall forego recoveries of the approved amount above \$1.9 million per year, including Production Tax Credits, from April 2, 2010 (initial application for cost recovery) through December 31, 2012.
4. PTCs and RECs shall flow through the Rider RER and be reconciled annually with the first reconciliation for calendar year 2013.
5. IPL shall provide detailed and transparent information supporting any increase above an effective levelized cost of \$56.40 per MWh sought by IPL in any rate proceeding.

**B. Revised WWE Revenue Requirements**

IPL has revised the revenue requirements reflected in its compliance filing in Docket No. E-001/GR-10-276 (IPL Compliance Filing, Section V, Schedule A-2) supporting a levelized cost of \$56.40 per MWh. The revised revenue requirements reflect an adjustment from a Commission order in Docket No. E,G-001/AI-12-187 (IPL's Petition for Approval of a Land Lease Agreement with its Affiliate, Franklin County Wind, LLC), dated August 18, 2014. In its order, the Commission required IPL and Franklin County Wind, LLC (FCW) to share equally in the costs necessary to purchase, develop and maintain the land used as a laydown area for the development of IPL's regulated wind farm (WWE) and

FCW's non-regulated wind farm. The Commission approved IPL's proposed Land Lease Agreement in Docket No. E,G-001/AI-12-187 conditioned upon IPL reducing the rate base for WWE by \$324,675. This equates to a \$19,481 rate base reduction to Minnesota, using a System Coincident Peak allocator. Since this reduction in the WWE rate base has a direct impact on revenue requirements, it is appropriate to calculate a new levelized cost for WWE to account for the sharing of the laydown area.

The revised revenue requirements reflect the rate base reduction and are shown in Attachment 2 to this petition. IPL notes that in Attachment 2, the revenue requirement for years 2010 through 2012 did not change since IPL was to forego any recoveries of the approved amount above \$1.9 million per year, including Production Tax Credits (PTCs), from April 2, 2010 (initial application for cost recovery) through December 31, 2012 . The revised levelized cost is now \$56.36 per MWH.

### **C. Review of Proposed 2015 RER Factor Calculations**

In this current Petition, IPL now requests approval of its proposed 2015 RER factor for the Rider RER (2015 RER) which will reflect a reconciliation of calendar year 2013 along with recovery of the forecasted 2015 WWE revenue requirement. The 2015 RER factor reflects the recovery of the 2015 revenue requirement of WWE as reflected in Attachment 2. As provided in IPL's revised WWE revenue requirements shown in Attachment 2, the 2015 WWE revenue requirement is \$3,347,496 This filing provides the true-up of the recovery of the

WWE revenue requirement for 2013 based upon actual RER revenues received.

The costs in the 2013 Rider RER include:

- the WWE revenue requirement for the twelve month period from January 2013 through December 2013 plus;
- crediting of actual 2013 PTCs plus;
- REC purchases for the 2013 Rider RER time period plus;
- projections of the 2014 WWE revenue requirement and Rider RER revenues.

IPL's Renewable Energy Rider Tracker Report for 2013 (Attachment 1, Workpapers A-C) includes information regarding the actual amounts collected from retail customers from January 1, 2013 through December 31, 2013. Attachment 2 provides the revised WWE revenue requirement by year starting in 2013. Attachment 3 supports the 2013 PTCs. Attachment 4 provides the REC purchases approved by the Commission's Order Adopting IPL's Proposed Purchase of RECs in Docket No. E001/M-12-950 issued on July 28, 2014.

The 2013 actual revenue requirement shown on Attachment 2(a) for WWE is less than the estimated 2013 revenue requirement shown on Attachment 2 used in support of the revised levelized cost of \$56.36 per MWH. Since IPL is not seeking any increase above the effective revised levelized cost of \$56.36 per MWH, IPL is not including any additional detailed and transparent information supporting the request. IPL is providing the actual 2013 revenue requirement calculation in Attachment 2(a), Workpapers A through E.

The proposed 2015 RER factor is requested to be effective for twelve months, from January 1, 2015 to December 31, 2015. For that time period, IPL seeks to recover a total of \$2,042,681, as summarized on Attachment 1. IPL's forecasted sales for 2015 can be found in Attachment 1, Workpaper 3.

Consistent with the design of Rider RER, the next reconciliation for a proposed 2016 RER factor will be filed approximately one year from now for a forecasted 2016 WWE revenue requirement and will reconcile the time period January 1, 2014 to December 31, 2014.

#### **D. Customer Notification and Billing**

IPL proposes to provide notice to customers regarding the proposed 2015 RER factor to be reflected in their monthly electric bills. The notice to customers would be through a bill message to be included on customers' bills during the month that the 2015 RER factor is implemented upon Commission approval. The following is IPL's proposed language for the bill message:

*"Starting this month, the Renewable Energy Rider reflects an increase in the Renewable Rider Adjustment, which recovers costs associated with owning and operating renewable generation resources. Questions? Contact 1-800-ALLIANT (1-800-255-4268)."*

IPL is prepared to work with the Department and Commission Staff regarding IPL's proposed bill message that will serve as a customer notice, if that is deemed necessary.





## **ATTACHMENTS**

**2013 Renewable Energy Rider Initial True-up and 2015 Renewable Energy Rider Factor**

Line #		2013	2014	2015	Explanation				
<b>I. Revenue Requirement</b>									
1	Final Revenue Annual Requirement (no PTCs)	\$ 3,255,950	\$ 3,369,937	\$ 3,347,496	Attachment 2				
2	Retail Allocation	<u>99.90%</u>	<u>99.90%</u>	<u>99.90%</u>					
3		\$ 3,252,820	\$ 3,366,697	\$ 3,344,278					
<b>II. Production Tax Credits</b>									
4	kWh Output (Minnesota Allocation)	35,864,349	38,040,348	38,040,348					
5	Tax Credit Rate	<u>\$ 0.0230</u>	<u>\$ 0.0230</u>	<u>\$ 0.0230</u>					
6		\$ 824,880	\$ 874,928	\$ 874,928	Attachment 3				
7	Tax gross-up (1/(1-0.4137))	\$ 1,406,925	\$ 1,492,287	\$ 1,492,287	Line 6 times 1/(1-0.4137)				
<b>III. Calculation of Tracker Balance</b>									
8	<u>Period</u>	<u>RER Factor</u>	<u>Volumes</u>	<u>Revenue collected</u>	<u>Revenue Requirement</u>	<u>PTC adjustment</u>	<u>Tracker Balance</u>	<u>Cummulative</u>	<u>Notes</u>
	January 1, 2013 through December 31, 2013	\$ 0.00222	855,446,409	\$ 1,899,112	\$ 3,252,820	\$ (1,406,925)	\$ (53,217)	\$ (53,217)	Line 3, Line 7, Attachment 1 - Workpaper A (revenues)
<b>IV. Establishment of 2015 RER factor:</b>									
	<u>Description</u>	<u>RER Factor</u>	<u>Volumes</u>						
9	Tracker Balance						\$ (53,217)	\$ (53,217)	Line 8
10	REC Purchases				\$ 28,000		\$ 28,000	\$ (25,217)	Attachment 4 plus line 9
11	January 1, 2014 through December 31, 2014				\$ 3,366,697	\$ (1,492,287)	\$ 1,874,410	\$ 1,849,194	Lines 3, 6, plus lines 10
12	January 1, 2014 through July 31, 2014 Sales	\$ 0.00222	495,591,916	\$ 1,100,214			\$(1,100,214)	\$ 748,980	Attachment 1, Workpaper B plus line 11
13	August 1, 2014 through December 31, 2014 Sales	\$ 0.00222	<u>357,125,607</u>	\$ 792,819			\$ (792,819)	\$ (43,839)	Attachment 1, Workpaper B plus line 12
			852,717,523						
14	January 1, 2015 through December 31, 2015				\$ 3,344,278	\$ (1,492,287)	\$ 1,851,991	\$ 1,808,151	Lines 3, 6 plus line 13
15	<b>Total Renewable Expenses eligible for recovery</b>							<b>\$ 1,808,151</b>	Line 14
16	<b>January 1, 2015 through December 31, 2015 Sales</b>		<b>859,526,723</b>					<b>859,526,723</b>	Attachment 1, Workpaper C
17	<b>2015 RER Factor</b>							<b>0.00210 per kWh</b>	Line 15 / Line 16

**Interstate Power and Light Company  
Docket No. E001/M-10-312  
Whispering Willow East  
Present Value Calculation of Revenue  
Requirements and Levelized Price per MWh**

Line No.	(a)	(b)	(c)	(d)
1	Discount Rate:		<u>7.050%</u>	
2	2008	0	-	-
3	2009	0	-	-
4	2010	0	1,895,000	1,895,000
5	2011	1	1,895,000	1,770,207
6	2012	2	1,895,000	1,653,632
7	2013	3	1,988,553	1,620,995
8	2014	4	1,877,650	1,429,796
9	2015	5	1,855,209	1,319,676
10	2016	6	1,836,037	1,220,030
11	2017	7	1,769,424	1,098,338
12	2018	8	1,704,085	988,121
13	2019	9	1,638,298	887,415
14	2020	10	3,074,005	1,555,440
15	2021	11	3,009,060	1,422,310
16	2022	12	2,943,959	1,299,900
17	2023	13	2,884,212	1,189,653
18	2024	14	2,820,850	1,086,896
19	2025	15	2,762,221	994,217
20	2026	16	2,699,933	907,801
21	2027	17	2,637,205	828,317
22	2028	18	2,575,231	755,586
23	2029	19	2,515,283	689,397
24	2030	20	2,454,599	628,460
25	2031	21	2,394,639	572,733
26	2032	22	2,335,375	521,775
27	2033	23	2,276,799	475,189
28	2034	24	2,218,894	432,607
27			<u>\$ 57,956,521</u>	<u>\$ 27,243,493</u> Sum of PVs
28	Levelized Fixed capacity (years)	25		\$ 2,348,238
29	MWhs per Year (from line 3B)			41,663
30	Levelized Price per MWh - Before Green Credits			\$ 56.36
31	Green Credit price/MWh			<u>(4.00)</u>
32	Levelized Price per MWh - After Green Credits			<u>\$ 52.36</u>
33	MW			200
34	Hours per year (365 days * 24 hrs)			8,760
35	Estimated capacity factor			<u>39.90%</u>
36	Estimated MWh per year			699,048
37	Allocate to MN on 2009 SCP basis			<u>5.96%</u>
38	Estimated MN MWh per year			<u>41,663</u>

(e)	(f)	(g)
<b>Calculation of Revenue Requirements Without PTCs</b>		
1,895,000		1,895,000
1,895,000		1,895,000
1,895,000		1,895,000
1,988,553	(1,492,287)	3,480,840
1,877,650	(1,492,287)	3,369,937
1,855,209	(1,492,287)	3,347,496
1,836,037	(1,492,287)	3,328,324
1,769,424	(1,492,287)	3,261,711
1,704,085	(1,492,287)	3,196,372
1,638,298	(1,492,287)	3,130,585
3,074,005		3,074,005
3,009,060		3,009,060
2,943,959		2,943,959
2,884,212		2,884,212
2,820,850		2,820,850
2,762,221		2,762,221
2,699,933		2,699,933
2,637,205		2,637,205
2,575,231		2,575,231
2,515,283		2,515,283
2,454,599		2,454,599
2,394,639		2,394,639
2,335,375		2,335,375
2,276,799		2,276,799
2,218,894		2,218,894
<u>\$ 57,956,521</u>	<u>\$ (10,446,011)</u>	<u>\$ 68,402,532</u>
Source:		
Column (e): From Column (c)		
Column (f): Fixed PTC amount/(1-tax rate) = \$874,928/(1-0.4137) = \$1,492,287 annually		
Column (g): Column (e) - column (f)		

Interstate Power and Light Company  
 Docket No. E001/M-10-312  
 Whispering Willow East  
 Present Value Calculation of Revenue  
 Requirements and Levelized Price per MWh

Line No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	
1	Discount Rate:		7.050%		Calculation of Revenue Requirements Without PTCs			
			Revenue Requirements		Difference	Revenue Requirement	Revenue Requirement	
2	2010	0	1,895,000	1,895,000	\$ 443,434	1,895,000	1,895,000	
3	2011	1	1,895,000	1,770,207	\$ 588,227	1,895,000	1,895,000	
4	2012	2	1,895,000	1,653,632	\$ 684,802	1,895,000	1,895,000	
5	2013	3	1,849,025	1,807,257	\$ 831,177	1,849,025	3,255,950	
6	2014	4	1,877,650	1,429,796	\$ 908,638	1,877,650	(1,492,287)	
7	2015	5	1,855,209	1,319,676	\$ 1,018,759	1,855,209	(1,492,287)	
8	2016	6	1,836,037	1,220,030	\$ 1,118,404	1,836,037	(1,492,287)	
9	2017	7	1,769,424	1,098,338	\$ 1,240,097	1,769,424	(1,492,287)	
10	2018	8	1,704,085	988,121	\$ 1,350,313	1,704,085	(1,492,287)	
11	2019	9	1,638,298	887,415	\$ 1,451,020	1,638,298	(1,492,287)	
12	2020	10	3,074,005	1,555,440	\$ 782,995	3,074,005	3,074,005	
13	2021	11	3,009,060	1,422,310	\$ 916,124	3,009,060	3,009,060	
14	2022	12	2,943,959	1,299,900	\$ 1,038,534	2,943,959	2,943,959	
15	2023	13	2,884,212	1,189,853	\$ 1,148,781	2,884,212	2,884,212	
16	2024	14	2,820,850	1,086,896	\$ 1,251,938	2,820,850	2,820,850	
17	2025	15	2,762,221	994,217	\$ 1,344,217	2,762,221	2,762,221	
18	2026	16	2,699,933	907,801	\$ 1,430,633	2,699,933	2,699,933	
19	2027	17	2,637,205	828,317	\$ 1,510,117	2,637,205	2,637,205	
20	2028	18	2,575,231	755,586	\$ 1,582,849	2,575,231	2,575,231	
21	2029	19	2,515,283	689,397	\$ 1,649,038	2,515,283	2,515,283	
22	2030	20	2,454,599	628,460	\$ 1,709,974	2,454,599	2,454,599	
23	2031	21	2,394,639	572,733	\$ 1,765,702	2,394,639	2,394,639	
24	2032	22	2,335,375	521,775	\$ 1,816,659	2,335,375	2,335,375	
25	2033	23	2,276,799	475,189	\$ 1,863,245	2,276,799	2,276,799	
26	2034	24	2,218,894	432,607	\$ 1,905,828	2,218,894	2,218,894	
27			\$ 57,816,993	\$ 27,129,755	Sum of PVs	\$ 57,816,993	(10,446,011)	\$ 68,177,641
28	Levelized Fixed capacity (years)	25		\$ 2,338,434				
29	MWhs per Year (from line 38)			41,663				
30	Levelized Price per MWh - Before Green Credits			\$ 56.13				
31	Green Credit price/MWh			(4.00)				
32	Levelized Price per MWh - After Green Credits			\$ 52.13				
33	MW			200				
34	Hours per year (365 days * 24 hrs)			8,760				
35	Estimated capacity factor			39.90%				
36	Estimated MWH per year			699,048				
37	Allocate to MN on 2009 SCP basis			5.96%				
38	Estimated MN MWH per year			41,663				

Source:  
 Column (e): From Column (c)  
 Column (f): From Attachment 3: 2013 Actual PTC  
 Column (g): Fixed PTC amount/(1-lax rate) = \$874,928/(1-0.4137) = \$1,492,287 annually  
 Column (g): Column (e) - column (f)

WWE 2013 Production Tax Credits

Outlook (MWH)														
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% Change
Budget	55,722	51,671	52,237	62,494	53,521	39,002	34,473	37,118	37,963	57,655	62,565	68,374	612,795	0.0%
1+11	72,668	51,671	52,237	62,494	53,521	39,002	34,473	37,118	37,963	57,655	62,565	68,374	629,741	2.8%
2+10	72,668	50,545	52,237	62,494	53,521	39,002	34,473	37,118	37,963	57,655	62,565	68,374	628,615	-0.2%
3+9	72,668	50,545	60,563	62,494	53,521	39,002	34,473	37,118	37,963	57,655	62,565	68,374	636,941	1.3%
4+8	72,668	50,545	60,563	67,285	53,521	39,002	34,473	37,118	37,963	57,655	62,565	68,374	641,732	0.8%
5+7	72,668	50,545	60,563	67,285	62,660	39,002	34,473	37,118	37,963	57,655	62,565	68,374	650,871	1.4%
6+6	72,668	50,545	60,563	67,285	62,660	42,807	34,473	37,118	37,963	57,655	62,565	68,374	654,676	0.6%
7+5	72,668	50,545	60,563	67,285	62,660	42,807	33,248	37,118	37,963	57,655	62,565	68,374	653,451	-0.2%
8+4	72,668	50,545	60,563	67,285	62,660	42,807	33,248	23,486	37,963	57,655	62,565	68,374	639,819	-2.1%
9+3	72,668	50,545	60,563	67,285	62,660	42,807	33,248	23,486	42,459	57,655	62,565	68,374	644,315	0.7%
10+2	72,668	50,545	60,563	67,285	62,660	42,807	33,248	23,486	42,459	51,787	62,565	68,374	638,447	-0.9%
11+1	72,668	50,545	60,563	67,285	62,660	42,807	33,248	23,486	42,459	51,787	73,713	68,374	649,595	1.7%
12+0	72,668	50,545	60,563	67,285	62,660	42,807	33,248	23,486	42,459	51,787	73,713	57,848	639,069	-1.6%
Actual vs. Budget	130.4%	97.8%	115.9%	107.7%	117.1%	109.8%	96.4%	63.3%	111.8%	89.8%	117.8%	84.6%		
Actual vs. Outlook	130.4%	97.8%	115.9%	107.7%	117.1%	109.8%	96.4%	63.3%	111.8%	89.8%	117.8%	84.6%		
YTD Actual vs. YTD Budget	130.4%	114.7%	115.1%	113.0%	113.8%	113.3%	111.6%	107.0%	107.4%	105.3%	106.8%	104.3%		

Production Tax Credits (\$)														
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% Change
Budget	\$ 1,225,884	\$ 1,136,762	\$ 1,149,214	\$ 1,374,868	\$ 1,177,462	\$ 858,044	\$ 758,406	\$ 816,596	\$ 835,186	\$ 1,268,410	\$ 1,376,430	\$ 1,504,228	\$ 13,481,490	0.0%
1+11	\$ 1,671,364	\$ 1,136,762	\$ 1,149,214	\$ 1,374,868	\$ 1,177,462	\$ 858,044	\$ 758,406	\$ 816,596	\$ 835,186	\$ 1,268,410	\$ 1,376,430	\$ 1,504,228	\$ 13,926,970	3.3%
2+10	\$ 1,671,364	\$ 1,162,535	\$ 1,149,214	\$ 1,374,868	\$ 1,177,462	\$ 858,044	\$ 758,406	\$ 816,596	\$ 835,186	\$ 1,268,410	\$ 1,376,430	\$ 1,504,228	\$ 13,952,743	0.2%
3+9	\$ 1,671,364	\$ 1,162,535	\$ 1,392,949	\$ 1,374,868	\$ 1,177,462	\$ 858,044	\$ 758,406	\$ 816,596	\$ 835,186	\$ 1,268,410	\$ 1,376,430	\$ 1,504,228	\$ 14,196,478	1.7%
4+8	\$ 1,671,364	\$ 1,162,535	\$ 1,392,949	\$ 1,547,555	\$ 1,230,983	\$ 897,046	\$ 792,879	\$ 853,714	\$ 873,149	\$ 1,326,065	\$ 1,438,995	\$ 1,572,602	\$ 14,759,836	4.0%
5+7	\$ 1,671,364	\$ 1,162,535	\$ 1,392,949	\$ 1,547,555	\$ 1,441,180	\$ 897,046	\$ 792,879	\$ 853,714	\$ 873,149	\$ 1,326,065	\$ 1,438,995	\$ 1,572,602	\$ 14,970,033	1.4%
6+6	\$ 1,671,364	\$ 1,162,535	\$ 1,392,949	\$ 1,547,555	\$ 1,441,180	\$ 984,561	\$ 792,879	\$ 853,714	\$ 873,149	\$ 1,326,065	\$ 1,438,995	\$ 1,572,602	\$ 15,057,548	0.6%
7+5	\$ 1,671,364	\$ 1,162,535	\$ 1,392,949	\$ 1,547,555	\$ 1,441,180	\$ 984,561	\$ 764,704	\$ 853,714	\$ 873,149	\$ 1,326,065	\$ 1,438,995	\$ 1,572,602	\$ 15,029,373	-0.2%
8+4	\$ 1,671,364	\$ 1,162,535	\$ 1,392,949	\$ 1,547,555	\$ 1,441,180	\$ 984,561	\$ 764,704	\$ 540,178	\$ 873,149	\$ 1,326,065	\$ 1,438,995	\$ 1,572,602	\$ 14,715,837	-2.1%
9+3	\$ 1,671,364	\$ 1,162,535	\$ 1,392,949	\$ 1,547,555	\$ 1,441,180	\$ 984,561	\$ 764,704	\$ 540,178	\$ 976,557	\$ 1,326,065	\$ 1,438,995	\$ 1,572,602	\$ 14,819,245	0.7%
10+2	\$ 1,671,364	\$ 1,162,535	\$ 1,392,949	\$ 1,547,555	\$ 1,441,180	\$ 984,561	\$ 764,704	\$ 540,178	\$ 976,557	\$ 1,191,101	\$ 1,438,995	\$ 1,572,602	\$ 14,684,281	-0.9%
11+1	\$ 1,671,364	\$ 1,162,535	\$ 1,392,949	\$ 1,547,555	\$ 1,441,180	\$ 984,561	\$ 764,704	\$ 540,178	\$ 976,557	\$ 1,191,101	\$ 1,695,399	\$ 1,572,602	\$ 14,940,685	1.7%
12+0	\$ 1,671,364	\$ 1,162,535	\$ 1,392,949	\$ 1,547,555	\$ 1,441,180	\$ 984,561	\$ 764,704	\$ 540,178	\$ 976,557	\$ 1,191,101	\$ 1,695,399	\$ 1,330,504	\$ 14,698,587	-1.6%

PTC \$22/MWh  
PTC updated to \$23/MWh

ATL Dampening Rate 96.260176%  
Dampened Credit \$ 14,148,886  
14,698,587 Is the gross PTC generated. The dampening rate is for state and fed tax inter-deductibility. That should be applied to get the net PTC generated.  
5.83%  
MN Portion (5.83%) \$ 824,880  
Sys Coin Peak  
BTL Dampening Rate 1.739460%

	IPL RECs	MN allocated RECs	"banked" RECs before compliance retirements	Purchased RECs	Minnesota total banked RECs	Minnesota REC Purchases banked MN Rqmts	RECs used	Current Year RECs used	new bank status
2012	1,269,528	67,501	46,947	24,000	70,947	100,737	-70,947	-29,790	37,711
2013	1,372,042	77,033	37,711	0	37,711	102,861	-37,711	-65,150	11,883
2014	1,364,342	78,536	11,883	40,000	51,883	101,190	-51,883	-49,307	29,229
2015	1,364,073	78,024	29,229	0	29,229	101,029	-29,229	-71,800	6,224

24,000 RECs purchased in 2012 are 2010 vintage RECs @ \$0.50 each = \$12,000.

40,000 RECs purchased in 2014 also 2010 vintage (good through 2014) @ \$0.40 each = \$16,000.

Docket No. E001/M-12-950

This table ignores minor additional REC retirements for Dundee MN wholesale load. IPL allocates wholesale RECs separately from MN retail.

# **WORKPAPERS**

RUN DATE 01/08/13  
REPORT  
ALLIANT ENERGY - INTERSTATE POWER & LIGHT  
MINNESOTA RIDERS CHARGE REVENUE  
REPORT O017041A  
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RENEWABLE ENERGY RIDER

RATE CODE	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY
	MONTHLY VALUES KILOWATT	AMOUNT	MONTHLY VALUES KILOWATT	AMOUNT	MONTHLY VALUES KILOWATT	AMOUNT	MONTHLY VALUES KILOWATT	AMOUNT	MONTHLY VALUES KILOWATT	AMOUNT	MONTHLY VALUES KILOWATT HOURS	AMOUNT	MONTHLY VALUES KILOWATT HOURS
RESIDENTIAL/FARM													
160	30,527,437	\$ 67,771.79	26,736,141	\$ 59,355.43	24,699,305	\$ 54,833.00	21,584,192	\$ 47,917.42	20,102,737	\$ 44,628.40	19,693,345	\$ 43,720.07	26,641,311
170	219,349	\$ 486.95	219,138	\$ 486.50	194,359	\$ 431.46	162,935	\$ 361.75	132,657	\$ 294.51	98,491	\$ 218.64	115,385
310	29,433	\$ 65.36	31,339	\$ 69.56	27,932	\$ 62.03	22,201	\$ 49.28	18,665	\$ 41.42	7,026	\$ 15.60	5,134
350	219,513	\$ 487.33	28,956	\$ 64.42	114,755	\$ 254.92	103,503	\$ 229.83	108,405	\$ 240.74	96,280	\$ 213.86	93,600
410	2,322,306	\$ 5,155.64	2,107,537	\$ 4,678.81	2,033,144	\$ 4,513.56	1,820,646	\$ 4,041.57	1,431,368	\$ 3,177.86	1,659,348	\$ 3,683.69	1,880,905
420	549,108	\$ 1,219.03	543,192	\$ 1,205.95	454,712	\$ 1,009.41	424,472	\$ 942.39	407,289	\$ 904.22	377,010	\$ 836.93	505,864
960	69,243	\$ 153.74	57,401	\$ 127.40	52,291	\$ 116.07	46,496	\$ 103.18	44,411	\$ 98.58	40,408	\$ 89.67	60,168
970	77,027	\$ 170.98	69,621	\$ 154.52	59,739	\$ 132.63	54,477	\$ 120.90	51,094	\$ 113.39	54,870	\$ 121.79	81,373
980	410,242	\$ 910.72	389,013	\$ 863.64	262,686	\$ 583.18	276,334	\$ 613.38	259,416	\$ 575.97	250,549	\$ 556.17	330,050
TOTAL RESIDENTIAL/FARM	34,423,658	\$ 76,421.54	30,182,338	\$ 67,006.23	27,898,923	\$ 61,936.26	24,495,256	\$ 54,379.70	22,556,042	\$ 50,075.09	22,277,327	\$ 49,456.42	29,713,790
GENERAL SERVICE													
260	2,252,988	\$ 5,001.69	2,165,127	\$ 4,807.08	2,036,281	\$ 4,520.88	1,828,960	\$ 4,060.43	1,546,765	\$ 3,434.01	1,487,821	\$ 3,303.27	1,686,865
290	11,273,715	\$ 25,027.86	10,901,091	\$ 24,200.39	10,201,229	\$ 22,647.15	8,554,317	\$ 18,990.94	8,854,426	\$ 19,656.94	8,390,014	\$ 18,625.82	10,622,642
TOTAL GENERAL SERVICE	13,526,703	\$ 30,029.55	13,066,218	\$ 29,007.47	12,237,510	\$ 27,168.03	10,383,277	\$ 23,051.37	10,401,191	\$ 23,090.95	9,877,835	\$ 21,929.09	12,309,507
LARGE GENERAL SERVICE													
360	16,298,206	\$ 36,182.04	17,936,482	\$ 39,819.01	16,989,100	\$ 37,715.80	20,675,968	\$ 45,900.58	12,136,368	\$ 26,942.78	17,436,834	\$ 38,709.74	19,433,296
370	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0
437-8	7,490,000	\$ 16,627.80	7,490,000	\$ 16,627.80	6,972,000	\$ 15,477.84	7,434,000	\$ 16,503.48	7,063,000	\$ 15,679.86	8,351,000	\$ 18,539.22	8,617,000
540	4,538,450	\$ 10,075.37	3,799,000	\$ 8,433.80	2,565,510	\$ 5,695.43	2,240,140	\$ 4,973.12	1,159,430	\$ 2,573.95	2,123,730	\$ 4,714.70	1,336,470
TOTAL LGS	28,326,656	\$ 62,885.21	29,225,482	\$ 64,880.61	26,526,610	\$ 58,889.07	30,350,108	\$ 67,377.18	20,358,798	\$ 45,196.59	27,911,564	\$ 61,963.66	29,386,766
MUNICIPAL PUMPING													
380	112,953	\$ 250.74	95,702	\$ 212.48	115,598	\$ 256.62	114,078	\$ 253.28	117,617	\$ 261.16	118,185	\$ 262.39	109,745
390	1,187,755	\$ 2,636.87	1,147,349	\$ 2,547.14	1,160,534	\$ 2,576.41	1,233,370	\$ 2,738.09	1,305,680	\$ 2,898.64	1,256,022	\$ 2,788.39	1,295,531
TOTAL PUMPING	1,300,708	\$ 2,887.61	1,243,051	\$ 2,759.62	1,276,132	\$ 2,833.03	1,347,448	\$ 2,991.37	1,423,297	\$ 3,159.80	1,374,207	\$ 3,050.78	1,405,276
LIGHTING													
120	493,583	\$ 1,095.73	498,547	\$ 1,106.76	496,616	\$ 1,102.47	496,616	\$ 1,102.47	496,573	\$ 1,102.38	496,571	\$ 1,102.37	494,615
330	3,574	\$ 8.01	3,574	\$ 8.01	3,574	\$ 8.01	3,539	\$ 7.93	3,503	\$ 7.85	3,503	\$ 7.85	3,463
340	178,294	\$ 396.18	178,376	\$ 396.36	178,437	\$ 396.50	178,491	\$ 396.62	178,234	\$ 396.04	178,262	\$ 396.10	178,212
TOTAL LIGHTING	675,451	\$ 1,499.92	680,497	\$ 1,511.13	678,627	\$ 1,506.98	678,646	\$ 1,507.02	678,310	\$ 1,506.27	678,336	\$ 1,506.32	676,290
Total	78,253,176	\$173,723.83	74,397,586	\$165,165.06	68,617,802	\$152,333.37	67,254,735	\$149,306.64	55,417,638	\$123,028.70	62,119,269	\$137,906.27	73,491,629



AMOUNT	AUGUST MONTHLY VALUES		SEPTEMBER MONTHLY VALUES		OCTOBER MONTHLY VALUES		NOVEMBER MONTHLY VALUES		DECEMBER MONTHLY VALUES		TOTAL 2013 MONTHLY VALUES	
	AMOUNT	KILOWATT HOURS	AMOUNT	KILOWATT HOURS	AMOUNT	KILOWATT HOURS	AMOUNT	KILOWATT HOURS	AMOUNT	KILOWATT HOURS	AMOUNT	KILOWATT HOURS
\$ 59,144.30	24,325,366	\$ 54,002.66	28,729,852	\$ 63,781.50	20,049,837	\$ 44,511.32	21,283,828	\$ 47,251.23	28,484,775	\$ 63,237.32	292,858,126	\$ 650,154.44
\$ 256.10	104,326	\$ 231.60	116,175	\$ 257.90	87,731	\$ 194.77	111,047	\$ 246.52	180,925	\$ 401.65	1,742,518	\$ 3,868.35
\$ 11.40	5,791	\$ 12.86	5,431	\$ 12.00	6,589	\$ 14.63	14,761	\$ 32.78	28,034	\$ 62.22	202,336	\$ 449.14
\$ 208.00	80,258	\$ 178.21	89,725	\$ 199.20	84,529	\$ 187.72	87,357	\$ 194.12	105,688	\$ 234.73	1,212,569	\$ 2,693.08
\$ 4,175.50	1,716,157	\$ 3,809.94	1,965,882	\$ 4,364.30	1,643,775	\$ 3,649.17	2,619,131	\$ 5,814.38	2,566,509	\$ 5,697.61	23,766,708	\$ 52,762.03
\$ 1,123.00	428,442	\$ 951.12	477,474	\$ 1,059.90	584,130	\$ 1,296.79	1,422,731	\$ 3,158.47	755,459	\$ 1,677.15	6,929,883	\$ 15,384.36
\$ 133.50	50,896	\$ 112.99	62,877	\$ 139.60	43,600	\$ 96.75	44,531	\$ 98.85	61,438	\$ 136.39	633,760	\$ 1,406.72
\$ 180.60	70,372	\$ 156.23	83,227	\$ 184.70	56,725	\$ 125.93	55,495	\$ 123.19	69,504	\$ 154.28	783,524	\$ 1,739.14
\$ 732.70	295,674	\$ 656.40	348,372	\$ 773.40	248,371	\$ 551.40	248,249	\$ 551.09	343,193	\$ 761.98	3,662,149	\$ 8,130.03
\$ 65,965.30	27,077,282	\$ 60,112.01	31,879,015	\$ 70,772.80	22,805,287	\$ 50,628.48	25,887,130	\$ 57,470.63	32,595,525	\$ 72,363.33	331,791,573	\$ 736,587.79
\$ 3,745.40	1,599,040	\$ 3,549.96	1,904,901	\$ 4,228.90	1,475,558	\$ 3,276.00	2,168,664	\$ 4,814.77	2,414,566	\$ 5,360.64	22,567,536	\$ 50,103.03
\$ 23,582.40	9,820,546	\$ 21,801.81	11,566,475	\$ 25,677.70	9,902,252	\$ 21,982.94	13,615,287	\$ 30,226.27	13,606,250	\$ 30,205.94	127,308,244	\$ 282,626.16
\$ 27,327.80	11,419,586	\$ 25,351.77	13,471,376	\$ 29,906.60	11,377,810	\$ 25,258.94	15,783,951	\$ 35,041.04	16,020,816	\$ 35,566.58	149,875,780	\$ 332,729.19
\$ 43,141.80	18,548,444	\$ 41,177.52	24,029,696	\$ 53,345.80	19,868,554	\$ 44,108.20	18,543,764	\$ 41,167.12	18,872,790	\$ 41,897.63	220,769,502	\$ 490,108.02
\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
\$ 19,129.70	9,863,000	\$ 21,895.86	8,862,000	\$ 19,673.60	8,876,000	\$ 19,704.72	7,826,000	\$ 17,373.72	8,365,000	\$ 18,570.30	97,209,000	\$ 215,803.90
\$ 2,966.90	1,263,360	\$ 2,804.68	1,430,420	\$ 3,175.50	2,944,840	\$ 6,537.55	4,157,890	\$ 9,230.52	4,144,860	\$ 9,201.59	31,704,100	\$ 70,383.11
\$ 65,238.50	29,674,804	\$ 65,878.06	34,322,116	\$ 76,195.00	31,689,394	\$ 70,350.47	30,527,654	\$ 67,771.36	31,382,650	\$ 69,669.52	349,682,602	\$ 776,295.23
\$ 243.60	83,766	\$ 185.97	86,033	\$ 191.00	72,503	\$ 160.96	82,599	\$ 183.32	105,518	\$ 234.28	1,214,297	\$ 2,695.80
\$ 2,876.10	1,228,473	\$ 2,727.20	1,363,684	\$ 3,027.30	1,199,861	\$ 2,663.75	1,173,893	\$ 2,606.08	1,211,406	\$ 2,689.32	14,763,558	\$ 32,775.29
\$ 3,119.70	1,312,239	\$ 2,913.17	1,449,717	\$ 3,218.30	1,272,364	\$ 2,824.71	1,256,492	\$ 2,789.40	1,316,924	\$ 2,923.60	15,977,855	\$ 35,471.09
\$ 1,098.00	493,713	\$ 1,096.03	493,084	\$ 1,094.60	491,984	\$ 1,092.20	492,199	\$ 1,092.67	492,387	\$ 1,093.09	5,936,488	\$ 13,178.77
\$ 7.70	3,432	\$ 7.69	3,389	\$ 7.50	3,361	\$ 7.53	3,361	\$ 7.53	3,420	\$ 7.66	41,693	\$ 93.27
\$ 396.00	178,424	\$ 396.45	178,578	\$ 396.80	178,519	\$ 396.68	178,228	\$ 396.04	178,363	\$ 396.32	2,140,418	\$ 4,756.09
\$ 1,501.80	675,569	\$ 1,500.17	675,051	\$ 1,499.00	673,864	\$ 1,496.41	673,788	\$ 1,496.24	674,170	\$ 1,497.07	8,118,599	\$ 18,028.33
\$163,153.10	70,159,480	\$155,755.18	81,797,275	\$181,591.70	67,818,719	\$150,559.01	74,129,015	\$164,568.67	81,990,085	\$182,020.10	855,446,409	\$1,899,111.63

Interstate Power and Light  
E001/M-10-312

Attachment 1  
Workpaper B

**Forecasted Minnesota kWhs -2014**

IPL-MN	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Residential	33,226.51	25,932.06	26,123.61	21,111.73	21,337.43	27,849.62	33,360.30	30,325.61	24,153.03	21,522.73	25,534.38	30,396.49	320,873.50
Commercial	14,021.78	12,648.08	13,034.98	11,852.98	12,675.03	14,376.71	14,183.17	15,754.65	13,108.86	13,927.87	13,393.92	13,988.29	162,966.32
Industrial	28,087.51	27,043.16	28,645.05	27,272.99	29,458.21	30,180.26	29,812.07	31,679.33	28,588.46	29,854.62	28,011.32	27,674.11	346,307.10
Lighting	467.95	507.93	496.24	504.86	493.59	479.68	424.05	523.63	423.55	536.31	500.45	421.26	5,779.50
SPA	1,521.98	1,264.59	1,427.01	1,424.00	1,496.09	1,571.49	1,279.22	1,433.57	1,226.47	1,378.55	1,285.48	1,482.67	16,791.12
Resale	94.88	73.41	64.88	49.76	54.88	55.87	70.97	71.22	49.51	66.58	72.44	99.51	823.91
Co. Use	273.27	246.65	229.14	123.39	97.30	89.87	143.94	100.23	103.24	93.10	123.95	209.85	1,833.92
total	77,693.87	67,715.88	70,020.91	62,339.71	65,612.52	74,603.51	79,273.72	79,888.23	67,653.12	67,379.76	68,921.94	74,272.19	855,375.36
												Retail	852,717.52

**Forecasted Minnesota kWhs -2015**

	January	February	March	April	May	June	July	August	September	October	November	December	Annual
IPL-MN													
Residential	33,459,092.12	26,113,587.30	26,306,474.72	21,259,515.69	21,486,787.28	28,044,568.76	33,593,820.29	30,537,885.02	24,322,103.42	21,673,388.06	25,713,123.83	30,609,265.86	323,119,612.35
Commercial	14,176,017.83	12,787,208.82	13,178,362.77	11,983,359.07	12,814,458.76	14,534,855.23	14,339,185.38	15,927,954.15	13,253,054.97	14,081,078.79	13,541,248.80	14,142,160.41	164,758,944.98
Industrial	28,312,212.84	27,259,505.36	28,874,212.09	27,491,171.54	29,693,872.29	30,421,701.29	30,050,563.13	31,932,763.03	28,817,172.43	30,093,457.21	28,235,414.58	27,895,506.27	349,077,552.05
Lighting	467,949.00	507,928.00	496,240.00	504,864.00	493,589.00	479,679.00	424,052.00	523,631.00	423,549.00	536,306.00	500,449.00	421,260.00	5,779,496.00
SPA	1,521,980.00	1,264,588.00	1,427,009.00	1,424,004.00	1,496,092.00	1,571,491.00	1,279,221.00	1,433,570.00	1,226,467.00	1,378,547.00	1,285,476.00	1,482,673.00	16,791,118.00
Resale	95,543.95	73,929.89	65,333.40	50,105.31	55,263.21	56,266.14	71,473.75	71,719.37	49,859.70	67,052.70	72,947.44	100,210.62	829,705.47
Co. Use	273,271.00	246,649.00	229,142.00	123,388.00	97,301.00	89,871.00	143,940.00	100,227.00	103,235.00	93,097.00	123,952.00	209,849.00	1,833,922.00
total	78,306,066.75	68,253,396.38	70,576,773.98	62,836,407.61	66,137,363.54	75,198,432.41	79,902,255.56	80,527,749.56	68,195,441.51	67,922,926.75	69,472,611.65	74,860,925.16	862,190,350.85
												Retail	859,526,723.38

INTERSTATE POWER AND LIGHT COMPANY

DOCKET NO. E001/M-10-312

WHISPERING WILLOW EAST

INCOME STATEMENT

YEAR ENDED DECEMBER 31, 2013

Line No.	Description	(a) Actual Test Year Results	(b) Adjustments	(c) Adjusted Test Year Results	(d) Additional Revenues Required to Yield 8.105%	(e) Total Revenues Required to Yield 8.105%
					#DIV/0!	
1	Operating revenues	\$ -	\$ -	\$ -	\$ 3,255,950	\$ 3,255,950
	Operating expenses:					
2	Operation expenses	64,112	-	64,112		64,112
3	Maintenance expenses	177,312	-	177,312		177,312
4	Depreciation and amortization	1,127,520	(3,020)	1,124,500		1,124,500
5	Property taxes	85,367	-	85,367		85,367
6	Miscellaneous taxes	4,198	-	4,198		4,198
	income taxes -					
7	Current federal	(658,792)	7,471	(651,321)	1,027,903	376,582
8	Current state	(408,780)	2,319	(406,461)	319,083	(87,378)
9	Deferred	291,463	-	291,463		291,463
10	Wind tax credits	-	-	-		-
11	Total operating expenses	682,399	6,770	689,170	1,346,986	2,036,156
12	Operating income	\$ (682,399)	\$ (6,770)	\$ (689,170)	\$ 1,908,964	\$ 1,219,794
	Rate Base:					
13	Emery Generating Station	\$ -	\$ -	\$ -		\$ -
14	All Other	15,039,961	9,935	15,049,896		15,049,896
15	Total Rate base	\$ 15,039,961	\$ 9,935	\$ 15,049,896		\$ 15,049,896
16	Cost of Capital:	<u>-4.537%</u>		<u>-4.579%</u>		
17	Emery Generating Station					<u>0.000%</u>
18	All Other					<u>8.105%</u>

Source:

Lines 2 and 3, column (a): Workpaper A-1  
 Line 4, column (a): Workpaper A-2  
 Line 5, column (a): Workpaper A-3  
 Line 6, column (a): Workpaper A-4  
 Lines 7 -9, column (a): Workpaper A-5  
 Lines 1-12, column (b): Workpaper B, column (f).  
 Lines 14, column (a): Workpaper C, column (b)  
 Line 14, column (b): Workpaper D, column (e).  
 Line 18, column (e): From Workpaper E, column (l), line 5.

Unit 10007 Query: MMW\_ALI\_FERC\_ACCOUNT\_DETAIL (set query criteria to only pull op unit 6244)

Sum of Sum Amount				2013 Total	Grand Total
FERC Acct	Oper Unit	Project ID	Descr		
F50000	6244	001521	Shared OMB Steam Unit Adminis	29.55	29.55
F50000 Total				29.55	29.55
F50600	6244	001521	Shared OMB Steam Unit Adminis	31.40	31.40
F50600 Total				31.40	31.40
F51000	6244	001521	Shared OMB Steam Unit Adminis	31.40	31.40
F51000 Total				31.40	31.40
F51400	6244	001869	Shared OMB Mtnce Ancil Equip	2,503.81	2,503.81
F51400 Total				2,503.81	2,503.81
F54600	6244	056158	WIND OMB OPERATIONS	115,733.32	115,733.32
		057357	WIND OMB ADMINISTRATION	345,852.20	345,852.20
		058700	WIND OMB TRAINING & DEVELOP	10,165.79	10,165.79
		058719	WIND OMB ENGINEERING	954.00	954.00
		058720	WIND OMB LEGAL	25,135.07	25,135.07
		058722	WIND OMB LANDOWNER REIMBURSE	6,869.19	6,869.19
062437	WIND OPS - GENCO TEAM	35,002.85	35,002.85		
F54600 Total				539,712.42	539,712.42
F54700	6244	060309	WIND GENERATION	0.24	0.24
F54700 Total				0.24	0.24
F54900	6244	040704	Shared OMB CT Unit Adminis	724.41	724.41
		057362	WIND OMB TV INTERFERENCE	556.00	556.00
		059545	WIND OMB SAFETY	7,166.11	7,166.11
F54900 Total				8,446.52	8,446.52
F55000	6244	057360	WIND OMB LAND RENTS	547,523.21	547,523.21
		058710	WIND OMB ENVIRON WASTE REMOVAL	3,843.70	3,843.70
		058721	WIND OMB ENVIRON IMPACT	(1,592.95)	(1,592.95)
F55000 Total				549,773.96	549,773.96
F55200	6244	057359	WIND OMB BLDG MAINT	5,322.52	5,322.52
F55200 Total				5,322.52	5,322.52
F55300	6244	058707	WIND OMB COLLECTOR MAINT	2,871.20	2,871.20
		058718	WIND OMB AVR SYSTEM MAINT	45,919.14	45,919.14
		067668	WIND OMB TRANSFORMER MAINT	(109.01)	(109.01)
F55300 Total				48,681.33	48,681.33
F55400	6244	057361	WIND OMB MAINTENANCE	611,937.32	611,937.32
		058698	WIND OMB SUBSTATION MAINT	29,871.83	29,871.83
		058709	WIND OMB TURBINE MAINT	2,299,476.22	2,299,476.22
		058724	WIND OMB ROAD & FIELD MAINT	43,550.53	43,550.53
		058728	WIND OMB VESTAS AVAIL BONUS	0.01	0.01
F55400 Total				2,984,835.91	2,984,835.91
F58200	6244	054174	SUBSTATION DISTRIBUTION OPERAT	1,305.45	1,305.45
F58200 Total				1,305.45	1,305.45
F92100	6244	068068	TRAINING & DEVELOPMENT O&M	390.00	390.00
F92100 Total				390.00	390.00
Grand Total				4,141,064.51	4,141,064.51

Maintenance Expense (Accounts F51000, F51400, F55200, F55300, F55400) 3,041,374.97  
 Operations Expense (Accounts F50000, F50600, F54600, F54700, F54900, F55000, F58200, F92100) 1,099,689.54  
 4,141,064.51

MN portion (5.83%, SCP) 5.83%  
 Maintenance Expense 177,312.16  
 Operations Expense 64,111.90

\*SCP Allocator from Schedule A-1(1)

**INTERSTATE POWER AND LIGHT COMPANY**  
**STATE JURISDICTIONAL DEPARTMENTAL EARNINGS BASIS CALCULATIONS**  
**TWELVE MONTHS ENDED DECEMBER 31, 2013**

	<u>2013</u>		<u>2012</u>		<u>2011</u>		<u>2010</u>	
	<u>2013</u>		<u>2012</u>		<u>2011</u>		<u>2010</u>	
	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent
<b>BASIS A(1) - DIRECT PAYROLL (ADMPE)</b>								
ELECTRIC								
Iowa	\$ 90,670,298	92.22%	\$ 88,993,696	92.10%	\$ 86,374,515	92.15%	\$ 86,198,805	92.25%
Minnesota	7,654,572	7.78%	7,631,714	7.90%	7,354,521	7.85%	7,242,267	7.75%
Illinois	-	0.00%	-	0.00%	-	0.00%	-	0.00%
TOTAL	\$ 98,324,870	100.00%	\$ 96,625,410	100.00%	\$ 93,729,036	100.00%	\$ 93,441,072	100.00%
<b>BASIS B - System Coincident Peak (ESCP)</b>								
ELECTRIC								
Iowa	2,110,371	94.17%	2,083,931	93.76%	2,134,371	94.15%	2,049,429	94.32%
Minnesota	130,612	5.83%	138,611	6.24%	132,732	5.85%	123,422	5.68%
Illinois	-	0.00%	-	0.00%	-	0.00%	-	0.00%
TOTAL	2,240,983	100.00%	2,222,542	100.00%	2,267,103	100.00%	2,172,851	100.00%
<b>BASIS E - Ave Gross Plant All (GPALL)</b>								
ELECTRIC								
Iowa	4,546,953,457	85.05%	4,378,673,403	85.03%	4,267,926,831	85.16%	3,684,260,654	84.18%
Minnesota	312,076,959	5.84%	300,664,485	5.84%	285,067,436	5.69%	249,047,283	5.69%
Illinois	-	0.00%	-	0.00%	-	0.00%	-	0.00%
GAS								
Iowa	431,209,915	8.07%	417,463,271	8.11%	406,864,321	8.12%	383,441,866	8.76%
Minnesota	17,891,438	0.33%	17,342,928	0.34%	16,574,765	0.33%	15,148,829	0.35%
Illinois	-	0.00%	-	0.00%	-	0.00%	-	0.00%
STEAM								
TOTAL	\$ 5,345,953,434	100.00%	\$ 5,149,080,093	100.00%	\$ 5,011,356,201	100.00%	\$ 4,376,366,498	100.00%

INTERSTATE POWER & LIGHT COMPANY

Docket No. E001/M-10-312

THIRTEEN MONTH AVERAGES UTILITY PLANT IN SERVICE  
AND RESERVE FOR DEPRECIATION AND AMORTIZATION

YEAR ENDED DECEMBER 31, 2013

Month	Utility Plant in Service	Reserve for Depreciation and Amortization
	(a)	(b)
	Total	Total
Dec-12	\$ 461,426,414	\$ (61,890,423)
Jan-13	461,427,375	(63,510,496)
Feb-13	461,738,581	(65,123,881)
Mar-13	461,738,581	(66,752,938)
Apr-13	461,738,564	(68,376,235)
May-13	461,740,175	(70,133,217)
Jun-13	462,061,293	(71,821,775)
Jul-13	462,076,985	(73,445,848)
Aug-13	462,076,802	(75,098,942)
Sep-13	462,000,191	(76,568,881)
Oct-13	462,369,455	(78,136,594)
Nov-13	462,483,982	(79,792,269)
Dec-13	469,333,144	(81,230,384)
	<u>\$ 6,012,211,541</u>	<u>\$ (931,881,883)</u>
Thirteen month average	<u>\$ 462,477,811</u>	<u>\$ (71,683,222)</u>
MN Portion (SCP 5.83%)	<u>\$ 26,962,456</u>	<u>\$ (4,179,132)</u>
December, 2012 MN Portion (SCP 5.83%)	<u>\$ 26,901,160</u>	<u>\$ (3,608,212)</u>

Dec-13 AD Balance	\$ (81,230,384)
Dec-12 AD Balance	(61,890,423)
AD Growth	(19,339,961)
MN Portion (SCP 5.83%)	<u>\$ (1,127,520)</u>

→ To W/P  
A-5(1)

**INTERSTATE POWER AND LIGHT COMPANY  
SUMMARY OF PROPERTY TAXES FOR 2009 PAYABLE 2010 AND 2011  
WIND**

Franklin County Assessment Letter - WWE setup  
WWE Projected Property Taxes 2010 to 2016.xls  
Generation & Prop Tax Wind Rules - CODE OF IOWA.doc  
WWE Franklin County Assessed Tax Basis Calculation

**WHISPERING WILLOWS WIND FARM  
FRANKLIN COUNTY  
IOWA**

In-Service - Q4 2009

\* ESTIMATED AWAITING FINAL ASSESSMENT NOTICE FROM COUNTY

INITIAL ASSESSMENT AS OF 1-1-10

361,549,411 \*

	ASSESS DATE	FY PERIODS	TAXES PAYABLE	% TAXABLE	TAXABLE VALUATION	TAX RATE 3% (ASSUME 3% INFLATION)	ESTIMATED PROPERTY TAXES
YEAR 1	1-1-10	JULY 10-JUNE 11	SEPT 11 & MAR 12	0.00%	0	3.00%	0
YEAR 2	1-1-11	JULY 11-JUNE 12	SEPT 12 & MAR 13	5.00%	18,077,471	3.09%	558,594
YEAR 3	1-1-12	JULY 12-JUNE 13	SEPT 13 & MAR 14	10.00%	36,154,941	3.18%	1,150,703
YEAR 4	1-1-13	JULY 13-JUNE 14	SEPT 14 & MAR 15	15.00%	54,232,412	3.28%	1,777,837
YEAR 5	1-1-14	JULY 14-JUNE 15	SEPT 15 & MAR 16	20.00%	72,309,882	3.38%	2,441,562
YEAR 6	1-1-15	JULY 15-JUNE 16	SEPT 16 & MAR 17	25.00%	90,387,353	3.48%	3,143,511
YEAR 7	1-1-16	JULY 16-JUNE 17	SEPT 17 & MAR 18	30.00%	108,464,823	3.58%	3,885,380
YEAR 8	1-1-17	JULY 17-JUNE 18	SEPT 18 & MAR 19	30.00%	108,464,823	3.69%	4,001,942
YEAR 9	1-1-18	JULY 18-JUNE 19	SEPT 19 & MAR 20	30.00%	108,464,823	3.80%	4,122,000
YEAR 10	1-1-19	JULY 19-JUNE 20	SEPT 20 & MAR 21	30.00%	108,464,823	3.91%	4,245,660
YEAR 11	1-1-20	JULY 20-JUNE 21	SEPT 21 & MAR 22	30.00%	108,464,823	4.03%	4,373,030
YEAR 12	1-1-21	JULY 21-JUNE 22	SEPT 22 & MAR 23	30.00%	108,464,823	4.15%	4,504,220
YEAR 13	1-1-22	JULY 22-JUNE 23	SEPT 23 & MAR 24	30.00%	108,464,823	4.28%	4,639,347

Continues into future years.....

Calendar	Tax Accrual 1/1-6/30	Tax Accrual 7/31-12/31	Total Accrual Calendar
2010	-	-	-
2011	-	279,297	279,297
2012	279,297	575,352	854,649
2013	575,352	888,918	1,464,270
2014	888,918	1,220,781	2,109,699
2015	1,220,781	1,571,756	2,792,537
2016	1,571,756	1,942,690	3,514,446
2017	1,942,690	2,000,971	3,943,661
2018	2,000,971	2,061,000	4,061,971
2019	2,061,000	2,122,830	4,183,830
2020	2,122,830	2,186,515	4,309,345
2021	2,186,515	2,252,110	4,438,625
2022	2,252,110	2,319,674	4,571,784

Continues into future years.....

G:\TAX\_DEPT\Property Taxes\IPL ACCRUAL ANALYSIS\2011\Dec 2011 RECON .xls\2011 Est Tax

To Workpaper A  
column (a), line 5  
0.0

$$1,464,270 \times 0.0583 = 85,366.941 *$$



Cube created on: Monday, December 16, 2013, 8:20:57 AM

[2013][GL Business Unit][6244 - WHISPERING WILLOW WIND FARM][Department][Total FPA Classifications][Product][Project][Activity ID][Resource Type][Resource Category][Function][Genco][All Activities Excluding RECLASS]MEASURES

MEASURES as values	Actuals												Total
Actuals as values	January,2013	February,2013	March,2013	April,2013	May,2013	June,2013	July,2013	August,2013	September,2013	October,2013	November,2013	December,2013	Total
Employee Expenses	124	1,370	727	1,316	917	1,505	7,365	1,469	1,492	2,102	636	2,439	21,462
Facilities and Supplies	50,091	46,661	45,733	51,063	49,764	46,330	45,584	45,782	46,381	46,527	45,542	45,905	565,363
Materials	14,838	21,301	13,256	54,077	68,715	68,524	105,072	51,868	62,073	52,340	39,933	315,856	867,853
Other Compensation	0	0	0	0	0	15	73	0	0	0	55	0	143
Other Operations & Maintenance	-1,381	6,702	3,882	5,333	19,074	5,594	2,904	8,261	5,800	60,018	61,039	29,024	206,250
Outside Services	117,685	112,194	102,007	144,780	86,782	104,590	146,936	108,220	107,558	121,062	230,509	160,271	1,542,594
Overtime Labor	1,063	1,407	3,319	1,590	4,041	1,864	2,019	2,512	1,171	2,163	8,685	3,933	33,767
Straight Time Labor	40,897	58,468	45,017	48,722	54,647	33,736	39,291	51,171	41,562	48,255	50,534	34,119	546,419
<b>Ops &amp; Maint</b>	<b>223,318</b>	<b>248,104</b>	<b>213,942</b>	<b>306,880</b>	<b>283,942</b>	<b>262,158</b>	<b>349,245</b>	<b>269,784</b>	<b>266,039</b>	<b>337,468</b>	<b>436,932</b>	<b>591,348</b>	<b>3,783,853</b>

ST & OT Labor	\$ 580,186
TPNW	62,116
Total Labor	642,302
Direct payroll allocator	7.78%
MN Portion*	\$ 49,971
ST & OT Labor	\$ 580,186
2013 Payroll tax rate	9.30%
payroll taxes	\$ 53,957
Direct payroll allocator	7.78%
MN Portion	\$ 4,198

Cube created on: Monday, December 16, 2013, 8:20:57 AM

[2013][GL Business Unit][6239 - WIND & DISTR GENERATION GENCO][Whispering Willow Wind Farm][184028 - TIME PAID NOT WORKED][Product][Project][Activity ID][Resource Type][Resource Category][Function][Genco][All Activities Excluding RECLASS]MEASURES

MEASURES as values	Actuals													2013
Actuals as values	January,2013	February,2013	March,2013	April,2013	May,2013	June,2013	July,2013	August,2013	September,2013	October,2013	November,2013	December,2013	2013	
184028 - TIME PAID NOT WORKED	1972 - Whispering Willow Wind Farm 2028 - OM Whispering Willow	1,766	-1,331	0	0	741	4,939	1,531	-1,284	642	3,614	-1,168	3,547	12,997
		15,445	-7,462	5,767	1,348	6,641	3,040	6,443	-1,015	3,445	49	2,164	13,254	49,119
<b>184028 - TIME PAID NOT WORKED</b>		<b>17,211</b>	<b>-8,793</b>	<b>5,767</b>	<b>1,348</b>	<b>7,382</b>	<b>7,979</b>	<b>7,974</b>	<b>-2,299</b>	<b>4,087</b>	<b>3,663</b>	<b>996</b>	<b>16,801</b>	<b>62,116</b>

Source: 2013 Payroll Tax Rate from Workpaper A-4(1)

Source: 2013 Electric Minnesota Direct Payroll Allocator from Workpaper A-1(1)

\*Note: MN Portion of ST & OT Labor used in Workpaper C-2, page 1



**Interstate Power and Light Company**  
**Docket No. E001/M-10-312**  
**MN - Income Tax Calculation**

<u>Line No.</u>		
	Income Taxes:	
	Current-	
1	Revenue Requirement	
2	O & M expenses	(241,424) From Workpaper A, Lines 2 + 3
3	Tax depreciation - Plant	(1,542,542) From Workpaper A-5(1)
4	Cost of Removal	0
5	Property taxes	(85,367) From Workpaper A, Line 5
6	Interest synchronization	(417,511) From Workpaper B-2, Line 10
7	Miscellaneous taxes	(4,198) From Workpaper A, Line 6
8	Change in taxable income	<u>(2,291,043)</u>
9	Current federal	(658,792)
10	Current state	(408,780)
11	Deferred taxes - Plant	291,463
12	Wind tax credits	0
13	Total income tax adjust.	<u>(776,109)</u>

*} To WP A, lines 7-9*

**Current federal and state taxable income**

14	Taxable income before fed/state tax ded	(2,291,043)
15	State tax (net of state credits)	408,780
16	Net federal taxable income	<u>(1,882,262)</u>
17	Tax @ 35	(658,792)
18	Federal credits	0
19	Net Federal	<u>(658,792)</u>

20	Taxable income before fed/state tax ded	(2,291,043)
	Federal/MN depreciation difference	(1,880,186) From Workpaper A-5(2)
21	1/2 federal tax (MN does not allow this)	
22	Net state taxable income	<u>(4,171,228)</u>
23	Tax @ 9.80%	(408,780)
24	State credits	
25	Net State	<u>(408,780)</u>

ADIT Calc

		Fed	AGP MN	5.84%	
26	Alloc Book Depr	1,127,520	1,127,520		19,306,844 From Workpaper A, Line 4
27	Alloc Tax Depr	(1,542,542)	(3,422,728)		
28	Diff	<u>(415,023)</u>	<u>(2,295,208)</u>		(39,301,514)
29	Rate	35.00%	6.37%		
30	Allocated ADIT	<u>(145,258)</u>	<u>(146,205)</u>		

*( \$ 291,463 )*

*to line 11*

PowerTax Deferred Tax Summary Report  
Rpt # 257  
2012 Return Case 8+16 Estimates  
10007:Interstate Power and Light

12/17/2013 3:04 PM

Fed IA MN  
31.491048% 9.437579% 0.588000%  
Basis

Grouped By: Whispering Willows East  
Jurisdiction: Federal

33.691062% 7.479648% 0.345916%  
M/L

	Beginning Difference	Current Difference	Ending Difference	
Tax Year: 2013				
Federal				
IPL - FED M/L	\$302,066,360	\$7,677,008	\$309,743,369	ML
Method/Life Regular	\$302,066,360	\$7,677,008	\$309,743,369	
IPL - FED AFUDC Debt	\$0	\$0	\$0	Basis
IPL - FED AFUDC Debt - FERC	\$3,090,419	(\$132,039)	\$2,958,379	Basis
IPL - FED AFUDC Debt - PSC	\$2,630,117	(\$109,640)	\$2,520,478	Basis
IPL - FED AFUDC Equity	\$0	\$0	\$0	Basis
IPL - FED AFUDC Equity - FERC	\$18,713,391	(\$799,273)	\$17,914,118	Basis
IPL - FED Cap COR	\$0	\$0	\$0	Basis
IPL - FED Cap Interest	(\$18,178,942)	\$774,793	(\$17,404,149)	Basis
IPL - FED MSC	\$55,255,396	(\$2,312,797)	\$52,942,598	Basis
Book Overhead	\$61,510,381	(\$2,578,956)	\$58,931,425	
IPL - FED Fed Reg Liab DAEC	(\$23,510,540)	\$939,391	(\$22,571,148)	ML
IPL - FED Reg Asset DAEC	(\$24,351,369)	\$1,045,666	(\$23,305,703)	ML
IPL - FED WWE Impair MN	(\$7,271,058)	\$290,524	(\$6,980,535)	Non Util
Book Overhead	(\$55,132,967)	\$2,275,581	(\$52,857,386)	
IPL - FED Section 174 RAR	\$36,279	(\$19,349)	\$16,930	Basis
Tax Overhead	\$36,279	(\$19,349)	\$16,930	
IPL - FED 2010 481a Bonus	(\$18,139)	\$9,674	(\$8,465)	ML
IPL - FED CIAC	\$0	\$0	\$0	
Tax Overhead	(\$18,139)	\$9,674	(\$8,465)	
WWE	\$308,461,913	\$7,363,959	\$315,825,873	
IPL - FED WWE Impair MN	\$7,271,058	(\$290,524)	\$6,980,535	
ATL Totals:	\$315,732,972	\$7,073,436	\$322,806,407	
Total ML	\$254,186,313	\$9,671,740	\$263,858,053	
Fed tax rate	33.691062%	33.691062%	33.691062%	
Accum. Deferred Taxes M/L	85,638,068	3,258,512	88,896,580	
Total Basis Adjustment	\$61,546,659	(\$2,598,304)	\$58,948,355	
Fed tax rate	31.491048%	31.491048%	31.491048%	
Accum. Deferred Taxes Basis Adjs	19,381,688	(818,233)	18,563,455	
Total Accum Deferred Taxes	105,019,756	2,440,279	107,460,035	

AGP MN Allocation	\$7,073,436	0.0584	\$413,088.64
	35.00%		35.00%
	2,475,702.47	Fed ADIT	\$144,581
	5.84%	AGP	
	144,581	Allocated Fed ADIT	
<i>From wp A-2</i>	\$7,073,436	Fed Book/Tax diff	
	19,339,961	Book Depr	0.0584 1,129,454
	\$26,413,396.19	Tax Depr (See Tab)	0.0584 1,542,542
	5.84%	AGP	(413,089)
	\$1,542,542	Allocated Tax Depr	35%
			(144,581)
<i>To wp A-5 line 3</i>			

PowerTax Deferred Tax Summary Report  
Rpt # 257  
2012 Return Case 8-16 Estimates  
10007:Interstate Power and Light

12/17/2013 3:04 PM

Fed 31.491048% IA 9.437579% MN 0.588000%  
Basis  
33.691062% 7.475848% 0.345916%  
ML

Grouped By: Whispering Willows East  
Jurisdiction: Minnesota

Beginning Difference Current Difference Ending Difference

Tax Year: 2013

Minnesota			
IPL - FED M/L	\$302,066,360	\$7,677,008	\$309,743,369 ML
Method/Life Regular	\$302,066,360	\$7,677,008	\$309,743,369
IPL - FED AFUDC Debt	\$0	\$0	\$0 Basis
IPL - FED AFUDC Debt - FERC	\$3,090,419	(\$132,039)	\$2,958,379 Basis
IPL - FED AFUDC Debt - PSC	\$2,630,117	(\$109,640)	\$2,520,478 Basis
IPL - FED AFUDC Equity	\$0	\$0	\$0 Basis
IPL - FED AFUDC Equity - FERC	\$18,713,391	(\$799,273)	\$17,914,118 Basis
IPL - FED Cap COR	\$0	\$0	\$0 Basis
IPL - FED Cap Interest	(\$18,178,942)	\$774,793	(\$17,404,149) Basis
IPL - FED MSC	\$56,265,396	(\$2,312,797)	\$53,952,598 Basis
Book Overhead	\$61,510,381	(\$2,578,956)	\$58,931,425
IPL - FED Fed Reg Liab DAEC	(\$23,510,540)	\$939,391	(\$22,571,148) ML
IPL - FED Reg Asset DAEC	(\$24,351,369)	\$1,045,666	(\$23,305,703) ML
IPL - FED WWVE Impair MN	(\$7,271,058)	\$290,524	(\$6,980,535) Non Util
Book Overhead	(\$55,132,987)	\$2,275,581	(\$52,857,386)
IPL - FED Section 174 RAR	\$36,279	(\$19,349)	\$16,930 Basis
Tax Overhead	\$36,279	(\$19,349)	\$16,930
IPL - FED 2010 481a Bonus	(\$18,139)	\$9,674	(\$8,465) ML
IPL - FED CJAC	\$0	\$0	\$0
Tax Overhead	(\$18,139)	\$9,674	(\$8,465)
WWVE	\$308,461,913	\$7,363,959	\$315,825,873
Jurisdiction Totals:	\$308,461,913	\$7,363,959	\$315,825,873
IPL - FED WWVE Impair MN	\$7,271,058	(\$290,524)	\$6,980,535 Remove Non Util
ATL Totals:	\$315,732,972	\$7,073,436	\$322,806,407

41,866,702. +  
2,598,304. -  
39,268,398. \*

Total ML	\$254,186,313	\$8,671,740	\$262,858,053
Bonus Adjustment 80 % Addback	(162,630,023)	(331,042,25)	(162,961,065)
Bonus Depreciation 5yr Spread Deduct	98,158,711	32,526,005	130,684,716
Total MN ML	\$189,715,001	\$41,866,702	\$231,581,703
MN tax rate	0.345916%	0.345916%	0.345916%
	656,255	144,824	801,078

Total Basis Adjustment	\$61,546,659	(\$2,598,304)	\$58,948,355
MN tax rate	0.588000%	0.588000%	0.588000%
	361,894	(15,278)	346,616

Total Accum Deferred Taxes	1,018,149	129,546	1,147,694
----------------------------	-----------	---------	-----------

Bonus Depreciation Spread	Bonus Addback		20%										Total
	80%	20%	2011	2012	2013	2014	2015	2016	2017	2018	2018		
2009 Q3 50%	5,099,721	4,079,777	815,955	815,955	815,955	815,955	815,955	815,955				4,079,777	
2009 Q4 50%	202,002,356	161,601,885	32,320,377	32,320,377	32,320,377	32,320,377	32,320,377	32,320,377				161,601,885	
2010 Q2 50%	285,028	228,023	45,605	45,605	45,605	45,605	45,605	45,605				228,023	
2010 Q3 50%	(4,115,872)	(3,292,698)	(658,540)	(658,540)	(658,540)	(658,540)	(658,540)	(658,540)				(3,292,698)	
2010 Q3 100%	(357,548)	(286,039)	(57,208)	(57,208)	(57,208)	(57,208)	(57,208)	(57,208)				(286,039)	
2010 Q4 50%	258,608	206,886	41,377	41,377	41,377	41,377	41,377	41,377				206,886	
2010 Q4 100%	(42,513)	(34,010)	(6,802)	(6,802)	(6,802)	(6,802)	(6,802)	(6,802)				(34,010)	
2011 50%	3,972	3,178	636	636	636	636	636	636				3,178	
2011 100%	126,338	101,070	20,214	20,214	20,214	20,214	20,214	20,214				101,070	
Total Through 2011	203,260,090	162,608,072	33,136,332	32,500,765	32,521,614	32,521,614	32,521,614	(614,718)	20,850			162,608,072	
2012 Q1 50%	(148)	(118)				(24)	(24)	(24)				(118)	
2012 Q3 50%	10,751	8,601				1,720	1,720	1,720				8,601	
2012 Q4 50%	16,836	13,469				2,694	2,694	2,694				13,469	
Total Through 2012	203,267,529	162,630,023	33,136,332	32,500,765	32,521,614	32,526,005	32,526,005	(610,328)	25,240	4,390		162,630,023	
2013 50%	413,803	331,042				66,208	66,208	66,208	66,208	66,208	66,208	331,042	
Total Through 2013	203,701,332	162,961,065	33,136,332	32,500,765	32,521,614	32,526,005	32,592,213	(544,118)	91,448	70,599	66,208	162,961,065	

\$39,268,398	MN Book/Tax Diff	0.0584	\$2,293,274
0.0637	MN Rate		0.0637
\$2,501,397			\$146,082
5.84%	AGP		
146,082	Alloc MN ADIT		
\$39,268,398	MN Book/Tax Diff	0.0584	\$1,129,454
19,339,961	Book Depr	0.0584	\$3,422,728
\$58,608,359	Tax Depr		(\$2,293,274)
5.84%	AGP		0.0637
\$3,422,728	Alloc MN Tax Depr		(\$146,082)

From WP R-2

Fed/MN Diff Offset

3,422,728. +  
1,542,542. - WP A-5, line 3  
1,880,186. \* To WPA-5 line 20

INTERSTATE POWER AND LIGHT COMPANY

DOCKET NO. E001/M-10-312

WHISPERING WILLOW EAST

SUMMARY OF ADJUSTMENTS TO THE INCOME STATEMENT

YEAR ENDED DECEMBER 31, 2013

	(a)	(b)	(c)	(d)	(e)	(f)
Exhibit Designation:						
Schedule Number:	WP B-1				WP B-2	
Line No.	FCW Land Lease Agreement	Blank	Blank	Blank	Interest Synchronization	Total
1	Operating Revenues					\$ -
Operating Expenses:						
2	Operation Expense					-
3	Maintenance Expense	-				-
4	Depreciation and Amortization	(3,020)				(3,020)
5	Property Taxes					-
6	Miscellaneous Taxes					-
Income Taxes-						
7	Current Federal at 31.57%	953	-	-	-	6,518
8	Current State at 9.80%	296	-	-	-	2,023
9	Deferred					-
10	Wind Tax Credits					-
11	Total Operating Expense	(1,771)	-	-	-	8,541
12	Operating Income	\$ 1,771	\$ -	\$ -	\$ -	\$ (8,541)
						\$ (6,770)

INTERSTATE POWER AND LIGHT COMPANY

DOCKET NO. E001/M-10-312

PRO FORMA ADJUSTMENT TO REMOVE DEPRECIATION AND AMORTIZATION FROM THE TEST YEAR  
RELATED TO FRANKLIN COUNTY LAND LEASE AGREEMENT RATE BASE REDUCTION

YEAR ENDED DECEMBER 31, 2013

Line  
No.

**Cost of Service Related Items:**

**Depreciation and Amortization Expense-**

1	Removal of depreciaton and amortization expenses in the test year related to FCW rate base reduction	<u>\$ (3,020)</u>
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INTERSTATE POWER AND LIGHT COMPANY

DOCKET NO. E001/M-10-312

WHISPERING WILLOW EAST

PRO FORMA ADJUSTMENT TO REFLECT INTEREST SYNCHRONIZATION

YEAR ENDED DECEMBER 31, 2013

<u>Line No.</u>		<u>Pro forma Adjustment</u>
1	Rate base	\$ 15,049,896
2	Weight average cost of debt	2.637%
3	Interest on rate base	<u>396,866</u>
4	Booked long-term debt interest	<u>417,511</u>
5	Difference	<u>(20,645)</u>
6	Federal income tax adjustment	<u>\$ 6,518</u>
7	State income tax adjustment	<u>\$ 2,023</u>
	Support for line 4:	
8	Rate Base	15,832,813 Dec 31, 2012
9	WA-LTD	<u>2.637%</u>
10		<u>417,511</u>

Source:

Line 1: Workpaper C, line 17, column (d).

Line 2: Workpaper E, line 1 and 2.

Line 4: From line 10.

Line 6: Line 5 times 31.57% federal tax rate.

Line 7: Line 5 times 9.80% state tax rate.

Line 8: Dec 31, 2012 UPIS - A/D - ADIT: \$26,901,160 - \$3,608,212 - \$7,460,135



INTERSTATE POWER AND LIGHT COMPANY

DOCKET NO. E001/M-10-312

WHISPERING WILLOW EAST

YEAR END  
RATE BASE

YEAR ENDED DECEMBER 31, 2013

Line No.	Description	(a) Workpaper Reference	(b) Thirteen Month Average	(c) Adjustments	(d) Adjusted Rate Base
Investment in plant:					
1	Utility plant in service		\$ 26,962,456	\$ (19,481)	\$ 26,942,975
2	Accumulated provision for depreciation and amortization		(4,179,132)	3,020	(4,176,112)
3	Accumulated deferred income taxes		(7,596,918)	-	(7,596,918)
4	Customer advances for construction		-	-	-
5	Customer deposits		-	-	-
6	Unclaimed property		-	-	-
7	Accumulated provision for uncollectibles		-	-	-
8	Accrued liability for property insurance, workers compensation insurance and injuries and damages		-	-	-
9	Accrued vacation		-	-	-
10	Accrued pension plan obligations		-	-	-
11	Total net investment in plant		15,186,406	(16,461)	15,169,945
Working capital:					
12	Materials and supplies inventory		-	-	-
13	Prepayments		-	-	-
14	Fuel inventory		-	-	-
15	Cash working capital requirements		(146,445)	26,396	(120,049)
16	Total net working capital		(146,445)	26,396	(120,049)
17	Total rate base		\$ 15,039,961	\$ 9,935	\$ 15,049,896
Rate Base:					
18	Emery Generating Station		\$ -		\$ -
19	All Other		15,039,961	9,935	15,049,896
20			\$ 15,039,961	\$ 9,935	\$ 15,049,896

Source:

Lines 1 and 2, column (b): Workpaper A-2.  
Line 3, column (b): Workpaper C-1  
Line 15, column (b): Workpaper C-2, column (4), line 31.  
Line 15, column (c): Workpaper C-2, column (7), line 31.  
Line 1, column (c): Workpaper D, column (a), line 1.  
Line 2, column (c): Workpaper D, column (a), line 2.

INTERSTATE POWER AND LIGHT COMPANY

DOCKET NO. E001/M-10-312

THIRTEEN MONTH AVERAGE ACCUMULATED DEFERRED INCOME TAXES

YEAR ENDED DECEMBER 31, 2013

Line No.		(a) Account 190/283	(b) Account 281/282	(c) Total
1	2012 December 31	\$ -	\$ (127,742,035)	\$ (127,742,035)
2	2013 January 31	-	(128,132,398)	\$ (128,132,398)
3	February 28	-	(128,522,761)	\$ (128,522,761)
4	March 31	-	(128,913,124)	\$ (128,913,124)
5	April 30	-	(129,303,487)	\$ (129,303,487)
6	May 31	-	(129,693,850)	\$ (129,693,850)
7	June 30	-	(130,084,213)	\$ (130,084,213)
8	July 31	-	(130,474,576)	\$ (130,474,576)
9	August 31	-	(130,864,939)	\$ (130,864,939)
10	September 30	-	(131,255,302)	\$ (131,255,302)
11	October 31	-	(131,645,665)	\$ (131,645,665)
12	November 30	-	(132,036,028)	\$ (132,036,028)
13	December 31	-	(132,426,391)	\$ (132,426,391)
14	TOTAL	\$ -	\$ (1,691,094,772)	\$ (1,691,094,772)
15	THIRTEEN-MONTH AVERAGE	\$ -	\$ (130,084,213)	\$ (130,084,213)
	Allocation to Minnesota Electric Utility			
16	A&G Basis			
17	Average Gross Property		5.84%	5.84%
18		\$ -	\$ (7,596,918)	\$ (7,596,918)
	Allocation to IPL Total Electric Utility			
19	A&G Basis			
20	Average Gross Property			
21	Total Alloc to Minnesota Elec Utility	\$ -	\$ -	\$ -
22	December, 2012 MN Electric Portion (AGP 5.84%)		\$ (7,460,135)	\$ (7,460,135) *To Workpaper B-1, Line 8

INTERSTATE POWER AND LIGHT COMPANY

DOCKET NO. E001/M-10-312

WHISPERING WILLOW EAST

DETERMINATION OF CASH WORKING CAPITAL REQUIREMENTS

YEAR ENDED DECEMBER 31, 2013

	<u>Days of Lag</u>				<u>Pro Forma Adjustment</u>		
	(1) <u>Amount</u>	(2) <u>Expense Per Day (1)/365</u>	(3) <u>Days Cash Required</u>	(4) <u>Cash Requirement (2) x (3)</u>	(5) <u>Pro forma Amount</u>	(6) <u>Expense Per Day (5)/365</u>	(7) <u>Cash Req. for Adjust. (3) x (6)</u>
<u>Estimated revenue lag:</u>							
1	Metering period	15.2					
2	Processing bills	2.9					
3	Collection period	24.2					
4	Total	42.3					
<u>Labor:</u>							
5	Bi-weekly	\$ 49,971	\$ 137	29.3	\$ 4,014		
6	Total Labor	49,971	137	29.3	4,014	\$ -	\$ -
<u>Fuel Burned:</u>							
7	Coal, including freight	-	-	21.5	-		
8	Oil	-	-	32.4	-		
9	Natural Gas	-	-	0.3	-		
10	Methane Gas	-	-	0.3	-		
11	Nuclear Fuel	-	-	-	-		
12	Other (for pro forma adjustment only)	-	-	-	-	-	-
13	Total Fuel Burned	-	-	-	-	-	-
14	Electricity purchased	-	-				
15	Off-system sales	-	-				
16	Electricity Purchased, net	-	-	17.0	-	\$ -	\$ -
<u>Other operation and maintenance:</u>							
17	Total operation and maintenance	241,424	661				
18	Less: Labor	49,971	137				
19	Fuel Burned	-	-				
20	Electricity purchased, before Off-system sales	-	-				
21	Total Other Operation and Maintenance	191,453	525	6.6	3,465	-	-
<u>Other:</u>							
22	Property taxes	85,367	234	(321.5)	(75,231)	-	-
23	Federal income taxes	(658,792)	(1,805)	4.5	(8,123)	1,035,374	2,837
24	State income taxes	(408,780)	(1,120)	12.3	(13,776)	321,402	881
25	Interest on long-term debt	417,511	1,144	(49.0)	(56,056)	(20,645)	(57)
26	Preferred dividends	79,313	217	(3.4)	(738)		
27	FICA taxes	-	-	27.0	-		
28	Federal unemployment taxes	-	-	95.8	-		
29	State unemployment taxes	-	-	68.0	-		
30	Total Other	(485,381)	(1,330)	115.7	(153,924)	1,336,131	3,661
31	Total	\$ (243,957)	\$ (688)	219.2	\$ (146,445)	\$ 1,336,131	\$ 3,661

Note: CWC was determined using the lead-lag study as approved in the Docket No. E001-GR-10-276.

Source: Line 5, Column (1) from Workpaper A-4

INTERSTATE POWER AND LIGHT COMPANY

DOCKET NO. E001/M-10-312

WHISPERING WILLOW EAST

DETERMINATION OF CASH WORKING CAPITAL REQUIREMENTS

YEAR ENDED DECEMBER 31, 2013

	Days of Lag	Days of Lead	Days Cash Required
32 Field & GO bi-weekly payroll is paid six			
33 days after the end of the period.	42.3	13.0	29.3
34 Coal, including freight - per analysis	42.3	20.8	21.5
35 Oil - per analysis	42.3	9.9	32.4
36 Natural gas - per analysis	42.3	42.0	0.3
37 Top Deck	42.3	42.0	0.3
38 Electricity purchased - per analysis	42.3	25.3	17.0
39 Other - per analysis	42.3	35.7	6.6
40 Property taxes	42.3	363.8	(321.5)
41 Federal income taxes	42.3	37.8	4.5
42 State income taxes	42.3	30.0	12.3
Interest on long-term debt is paid			
43 every six months	42.3	91.3	(49.0)
Dividends on preferred			
44 stock are paid every quarter	42.3	45.7	(3.4)
45 FICA taxes	42.3	15.3	27.0
46 Federal unemployment taxes	42.3	(53.5)	95.8
47 State unemployment taxes	42.3	(25.7)	68.0

Note: CWC was determined using the lead-lag study as approved in the Docket No. E001-GR-10-276.

INTERSTATE POWER AND LIGHT COMPANY

Attachment 2(a)  
Workpaper D

DOCKET NO. E001/M-10-312

WHISPERING WILLOW EAST

SUMMARY OF ADJUSTMENTS TO THE RATE BASE

YEAR ENDED DECEMBER 31, 2013

Line No.	Exhibit Designation: Schedule Number: Brief Description of	Adjustment:	(a) WP D-1 FCW Land Lease Agreement	(b)	(c)	(d) WP C-2 Cash Working Capital	(e) Total
<b>Investment in plant:</b>							
1	Utility plant in service		\$ (19,481)				\$ (19,481)
2	Accumulated provision for depreciation and amortization		3,020				3,020
3	Accumulated deferred income taxes						-
4	Customer advances for construction						-
5	Customer deposits						-
6	Unclaimed property						-
7	Accumulated provision for uncollectibles						-
8	Accrued liability for property insurance, workers compensation insurance and injuries and damages						-
9	Accrued vacation						-
10	Accrued pension plan obligations			-	-		-
11	<b>Total net investment in plant</b>		<b>(16,461)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(16,461)</b>
<b>Working capital:</b>							
12	Materials and supplies inventory						-
13	Prepayments						-
14	Fuel inventory		-				-
15	Cash working capital requirements					26,396	26,396
16	<b>Total net working capital</b>		<b>0</b>	<b>-</b>	<b>-</b>	<b>26,396</b>	<b>26,396</b>
17	<b>Total rate base</b>		<b>\$ (16,461)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 26,396</b>	<b>\$ 9,935</b>

INTERSTATE POWER AND LIGHT COMPANY

DOCKET NO. E001/M-10-312

PRO FORMA ADJUSTMENT TO REDUCE RATE BASE RELATED TO FRANKLIN COUNTY LAND LEASE AGREEMENT

YEAR ENDED DECEMBER 31, 2013

Line  
No.

**Rate Base Related Costs:**

***Utility Plant in Service-***

1 Amount of rate base disallowance \$ (19,481)

***Accumulated Depreciaton and Amortization-***

Decrease to Accumulated Depreciaton  
associated with reduction to utility plant in-

2 service \$ 3,020

**Source:**

Line 1: Final Decision and Order, Docket No. E,G001/AI-12-187, Issued August 18, 2014.

Line 2: Workpaper D-1(1).

Calculation of Accumulated Depreciation Related to Rate Base Offset

Line No.		
1	Rate base reduction for FCW Land Lease Agreement	\$ 19,481
2	Thirteen month average UPIS for MN WWE	<u>26,962,456</u>
3	Percentage of rate base reduction to total MN WWE rate base	0.1%
4	Accumulated depreciation	\$ 4,179,132
5	Percentage of rate base reduction to total WWE rate base	<u>0.1%</u>
6	Decrease to accumulated depreciation related to FCW Land Lease Agreement	<u><u>\$ 3,020</u></u>

Source:

- Line 1: Workpaper D-1, line 1.
- Line 2: Workpaper C, line 1.
- Line 3: Line 1 divided by line 2.
- Line 4: Workpaper C, line 2.
- Line 5: Percentage from line 3.

INTERSTATE POWER & LIGHT COMPANY  
MINNESOTA ELECTRIC JURISDICTION  
COST OF CAPITAL SUMMARY

Line	Class of Capital	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i) (j) (k) (l) Proposed Capital Structure Year-End December 31, 2010			
		13 Month Avg Unadjusted Calendar Year 2009 (1)				Projected Calendar Year 2010 - 2 year Avg (1)				November 30, 2010 Adjusted Amount*	% of Total	Cost	Weighted Cost
		Amount	% of Total	Cost	Weighted Cost	Amount	% of Total	Cost	Weighted Cost				
1	Short Term Debt	\$ 61,507,692	2.430	0.726%	0.018%	\$ 174,282,256	6.016	1.250%	0.075%	\$ 62,565,005	2.140	0.340%	0.007%
2	Long Term Debt	\$ 1,062,384,137	41.980	6.851%	2.876%	\$ 1,190,255,013	41.084	6.347%	2.608%	\$ 1,282,120,386	43.859	5.997%	2.630%
3	Preferred Stock	\$ 183,134,419	7.237	8.410%	0.609%	\$ 163,134,419	5.631	8.688%	0.489%	\$ 183,134,419	6.265	8.410%	0.527%
4	Common Equity	\$ 1,223,669,483	48.353	10.500%	5.077%	\$ 1,369,458,847	47.269	10.500%	4.963%	\$ 1,395,486,422	47.737	10.350%	4.941%
5	Total Capital	\$ 2,530,695,731	100.00		8.579%	\$ 2,897,130,534	100.000		8.135%	\$ 2,923,306,233	100.000		8.105%

Source:

MPUC Final Order in Docket No. E001-GR-10-276