

# Interstate Power and Light Company ELECTRIC TARIFF

Filed with the I. U. B.

## ORIGINAL TARIFF NO. 1

Second Revised Sheet No. 261

Canceling First Revised Sheet No. 261

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### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.01 ELECTRIC SERVICE AGREEMENT:



#### ELECTRIC SERVICE AGREEMENT INTERSTATE POWER AND LIGHT COMPANY

Account No.

This agreement made this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_ by and between Interstate Power and Light Company (a wholly owned subsidiary of Alliant Energy Corporation), an Iowa corporation headquartered at 200 First Street SE, Cedar Rapids, Iowa, (hereinafter referred to as the "Company") and \_\_\_\_\_, a corporation/partnership/proprietorship with principal offices at \_\_\_\_\_, (hereinafter referred to as the "Customer");

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That for and in consideration of the mutual covenants of the parties set forth, and the performance thereof, it is agreed by and between the said parties as follows:

#### THE COMPANY HEREBY AGREES THAT:

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1. It will furnish to the Customer at the Customer's premises located at \_\_\_\_\_ in \_\_\_\_\_, Iowa, through one point of delivery, alternating current electricity (hereinafter called "electric service") for all electrical energy requirements of the Customer.
2. The electric service furnished hereunder will be approximately \_\_\_\_\_ volts, and \_\_\_\_\_ phase, 60 Hertz, and \_\_\_\_\_ volts, single phase, 60 Hertz, and metered at \_\_\_\_\_ volts.

#### THE CUSTOMER HEREBY AGREES THAT:

3. It will take from the Company, through one point of delivery, electric service for all electrical energy requirements at the premises identified in Paragraph 1 hereof, and it will observe the rules and regulations of the Company pertaining to electric service.
4. It will not create a demand for electric service in excess of \_\_\_\_\_ KVA without first notifying the Company in writing of such increase in demand and giving the Company sufficient time in which to provide additional line capacity and other electrical equipment if required.
5. It chooses / does not choose (circle one) Interruptible Service. If the Customer chooses Interruptible Service, it will curtail its demand for electrical service pursuant to Attachment A to this agreement.

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C

#### IT IS MUTUALLY UNDERSTOOD AND AGREED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS THAT:

6. The Company shall furnish electric service and the Customer shall use and pay for such service in accordance with the terms and conditions of this Agreement and the rates set out in Rate Schedule \_\_\_\_\_ attached hereto and made a part hereof, or such other applicable rate schedule as hereafter at any time may be established for this class of service within the authority of the Iowa Utilities Board or such other regulatory authority having jurisdiction. Notwithstanding any other provision of this Agreement, all rates and charges contained in this Agreement may be modified at any time by a subsequent filing made pursuant to the provisions of Chapter 476 of the Code of Iowa. At the time of signing of this Agreement, the

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Date Issued: April 26, 2019

Effective Date: May 26, 2019

By: Sarah Ruen Blanchard – Manager, Regulatory Relations and Policy

# Interstate Power and Light Company ELECTRIC TARIFF

Filed with the I. U. B.

## ORIGINAL TARIFF NO. 1

Second Revised Sheet No. 262

Canceling First Revised Sheet No. 262

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### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.01 ELECTRIC SERVICE AGREEMENT: (continued)

excess facilities is \$ ; in the event the demand of the Customer set forth in Paragraph 5 above shall be increased, the monthly excess facilities shall be increased appropriately.

7. It is understood by the Customer that, if at any future time it should elect to accept service under some other available electric service rate that might prove more advantageous, any expense brought about by necessary wiring changes on its premises shall be borne by the Customer.
8. The electric service furnished under this Agreement includes only that which is incidental to the Customer and no part of the said electric service shall be sold by the Customer to any other parties.
9. The Company will use due diligence in the operation and maintenance of its plants and system pertinent to this Agreement so as to render efficient economic service, but the Company shall not be liable to the Customer for any loss or damages suffered by the Customer through the inability of the Company to furnish said electric service in accordance with this Agreement.
10. The Customer shall hold the Company harmless for any damage to persons or property arising out of the use upon the Customer's premises of the electric service furnished to it by the Company. Nothing herein contained shall be construed as relieving the Company from any liability to its own employees while upon the property of the Customer in the performance of their duty and by the direction of the Company, or as relieving the Company from any liability to the Customer due to the Company's act of negligence.
11. This Agreement shall continue for a period of (a) one (1) year, commencing , 20 , and ending , 20 , and thereafter, or (b) three (3) years in the case in which Customer chooses Interruptible Service under paragraph 5, commencing , 20 , and ending , 20 , and may be terminated by either party giving to the other written notice at least ninety (90) days prior to the date upon which it desires to terminate the same; whereupon this Agreement shall terminate on said date. All contracts, agreements and understandings between the parties hereto, whether oral or written, pertaining to the subject matter hereof, heretofore made and entered into, shall hereby become null and void and of no further force and effect whatsoever. C  
C  
C  
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12. This Agreement shall be binding upon and inure to the benefits of the parties hereto, their successors and assigns; but the assignment of this Agreement by either party shall not relieve such party, without the written consent of the other, from any of the obligations hereof.

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Date Issued: April 26, 2019

Effective Date: May 26, 2019

By: Sarah Ruen Blanchard – Manager, Regulatory Relations and Policy

**Interstate Power and Light Company**  
**ELECTRIC TARIFF**

Filed with the I. U. B.

**ORIGINAL TARIFF NO. 1**

Second Revised Sheet No. 263

Canceling First Revised Sheet No. 263

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**GENERAL RULES AND REGULATIONS  
FOR ELECTRIC SERVICE  
FORMS AND AGREEMENTS**

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**14.01 ELECTRIC SERVICE AGREEMENT: (continued)**

IN WITNESS WHEREOF, the parties hereto have caused these presents to be executed as of the day and year first above written.

(Customer)	Interstate Power and Light Company (Company)
By: _____	By: _____
Title: (Officer-Partner-Owner)	Title:
Attest: _____	Attest: _____

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Date Issued: April 26, 2019

Effective Date: May 26, 2019

By: Sarah Ruen Blanchard – Manager, Regulatory Relations and Policy

# Interstate Power and Light Company ELECTRIC TARIFF

Filed with the I. U. B.

## ORIGINAL TARIFF NO. 1

Second Revised Sheet No. 264

Canceling First Revised Sheet No. 264

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### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.01 ELECTRIC SERVICE AGREEMENT: (continued)

##### ATTACHMENT A: CONTRACT FIRM DEMAND LEVEL

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This Attachment is made this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_ by and between \_\_\_\_\_ (hereinafter "Customer") and **INTERSTATE POWER AND LIGHT COMPANY** (an Alliant Energy company), an Iowa corporation, having its principal offices at 200 First St. SE, Cedar Rapids, Iowa 52401 (hereinafter "Company"),

**WHEREAS** Company and Customer have entered into Electric Service Agreement Number \_\_\_\_\_ dated the \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_ under which Customer takes electric Interruptible Service Option, Rider INTSERV tariff;

**WHEREAS** the parties have reached an understanding based upon Company's Interruptible Service Option tariff;

**NOW THEREFORE**, in consideration of the mutual covenants, terms and conditions set forth, the parties hereto mutually covenant and agree to the followings:

The Firm **Contract demand level** to which the Customer will curtail its electrical service in the 36 consecutive revenue months beginning the 1<sup>st</sup> day of \_\_\_\_ 20\_\_ is \_\_\_\_\_ **kW** for:

Premise address \_\_\_\_\_,

Account number \_\_\_\_\_.

In all other respects the Electric Service Agreement shall remain unchanged.

**IN WITNESS WHEREOF**, the parties hereto have caused this Agreement to be executed as of the day and year first above written.

Customer:

Interstate Power and Light Company:

By \_\_\_\_\_  
\_\_\_\_\_

By \_\_\_\_\_

Title \_\_\_\_\_  
\_\_\_\_\_  
(Officer-Partner-Owner)

Title \_\_\_\_\_

Attest: \_\_\_\_\_

Attest: \_\_\_\_\_

D

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Date Issued: April 26, 2019

Effective Date: May 26, 2019

By: Sarah Ruen Blanchard – Manager, Regulatory Relations and Policy

**Interstate Power and Light Company**

**ELECTRIC TARIFF**

Filed with the I. U. B.

Second Substitute Second Revised Sheet Nos. 265-270

**ORIGINAL TARIFF NO. 1**

Canceling First Revised Sheet Nos. 265-270

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**GENERAL RULES AND REGULATIONS  
FOR ELECTRIC SERVICE  
FORMS AND AGREEMENTS**

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SHEET NOS. RESERVED FOR FUTURE USE

N

**GENERAL RULES AND REGULATIONS  
FOR ELECTRIC SERVICE  
FORMS AND AGREEMENTS**

**14.02 ELECTRIC FACILITIES EXTENSION AGREEMENT:**



**ELECTRIC FACILITIES EXTENSION  
AGREEMENT (ADVANCE)  
INTERSTATE POWER AND LIGHT COMPANY  
Applicable to the Iowa Service Area**

Account No.

This agreement made this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_ by and between Interstate Power and Light Company (a wholly owned subsidiary of Alliant Energy Corporation), an Iowa corporation headquartered at 200 First Street SE, Cedar Rapids, Iowa, (hereinafter referred to as "the Company") and \_\_\_\_\_, a corporation/partnership/proprietorship with principal offices at \_\_\_\_\_, (hereinafter referred to as "the Customer"):

WITNESSETH,

WHEREAS, the Company is engaged in the distribution of electricity in the area next described; and

WHEREAS, the Customer/Developer is the owner of the following legally described premises: \_\_\_\_\_ Iowa, as shown on the map attached hereto (marked Exhibit A) and made a part hereof;

WHEREAS, the Company desires to sell electricity to the ultimate owners or occupants of the residences, or other buildings being built or installed on said premises, and the Customer/Developer desires to have electricity available for such residences or other buildings, hereinafter called "Electric Service".

NOW, THEREFORE, IT IS MUTUALLY AGREED AS FOLLOWS:

1. The Company agrees to construct, install, maintain and operate electric distribution facilities to serve said premises upon application for Electric Service made by the owner or occupant of each such building.
2. The Customer/Developer agrees to advance to the Company the estimated cost of construction of electric distribution facilities, as set out in Exhibit B attached, and the Company agrees to refund to the Customer/Developer the advance, as set forth in Paragraph 3 below.
3. The Customer/Developer agrees to advance \$ \_\_\_\_\_ to the Company payable prior to the commencement of construction. Upon acceptance by the Company of each attachment for Electric Service by Customers/Developers along the extensions contemplated herein, but not on subsequent extensions which are not the subject of this agreement, the Company shall refund, in accordance with the Company's electric tariff on file with the Iowa Utilities Board, 3 year's estimated revenue minus the cost of fuel for the said 3 years. The Company shall not be obligated to refund more than the original amount advanced and the refunds shall be without interest.
4. The obligation of the Company to make refunds to the Customer/Developer shall be null and void after the expiration of ten (10) years from the date of this agreement, and any and all monies remaining unrefunded in the hands of the Company shall then become the sole property of the Company.

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I. U. B.

### ORIGINAL TARIFF NO. 1

First Revised Sheet No. 272

Canceling Original Sheet No. 272

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#### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.02 ELECTRIC FACILITIES EXTENSION AGREEMENT: (continued)

5. The Customer/Developer agrees to furnish at his own expense all necessary easements and permits required for the installation of said electric extensions, and the Customer/Developer and the Company will cooperate so that said construction and installation can be accomplished in the most economical manner.
6. Title to all electric facilities installed pursuant to this agreement shall be in the Company.
7. Applications for Electric Service referred to above shall be subject to and pursuant to applicable rules and regulations of the Company effective at the date of said applications with respect to the availability of Electric Service and the rates and charges for same.

IN WITNESS WHEREOF, the parties hereto have executed this agreement the day and year first above written.

INTERSTATE POWER AND LIGHT COMPANY

By \_\_\_\_\_

Title \_\_\_\_\_

CUSTOMER/DEVELOPER

Tax ID # \_\_\_\_\_

By \_\_\_\_\_

Title \_\_\_\_\_

# Interstate Power and Light Company ELECTRIC TARIFF

Filed with the I. U. B.

## ORIGINAL TARIFF NO. 1

First Revised Sheet No. 273

Canceling Original Sheet No. 273

### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

#### 14.02 ELECTRIC FACILITIES EXTENSION AGREEMENT: (continued)

#### EXHIBIT "B" TO ATTACHED ELECTRIC FACILITIES EXTENSION AGREEMENT

The electric extension contemplated herein consists of (Avg. Hist):

20 Cost Urban Overhead Distribution				Per Foot Installed	Cost	(Avg. Hist) Rural Overhead Distribution				Per Foot Installed	Cost
Length	ft.	Primary	1Ph x	\$	\$	Length	ft.	Primary,	1Ph x	\$	\$
		Primary,	3Ph x	\$	= \$			Primary,	3Ph x	\$	= \$
		Secondary,	1Ph x	\$	= \$			Secondary,	1Ph x	\$	= \$
		Secondary,	3Ph x	\$	= \$			Secondary,	3Ph x	\$	= \$
		Add. 3rd Pri.	Ph x	\$	= \$			Add. 3rd Pri.	Ph x	\$	= \$
		Total		\$	= \$			Total		\$	= \$

Urban Underground Distribution				Per Foot Installed	Cost	Rural Underground Distribution				Per Foot Installed	Cost
Length	ft.	Primary	1Ph x	\$	\$	Length	ft.	Primary,	1Ph x	\$	\$
		Primary,	3Ph x	\$	= \$			Primary,	3Ph x	\$	= \$
		Secondary,	1Ph x	\$	= \$			Secondary,	1Ph x	\$	= \$
		Secondary,	3Ph x	\$	= \$			Secondary,	3Ph x	\$	= \$
		Add. 3rd Pri.	Ph x	\$	= \$			Add. 3rd Pri.	Ph x	\$	= \$
		Total		\$	= \$			Total		\$	= \$

Transformers (complete only if non-standard or padmount transformer is used)

Non-Standard/Padmount Cost \$	less Standard Overhead Cost \$	=	\$
"Card" Price			\$
Time & Material Price			\$
Extension Cost*			\$

#### Customer Class

<input type="checkbox"/> Residential	Estimated annual KWH consumption per customer		
<input type="checkbox"/> Farm	"Immediate Potential" customers	x	
<input type="checkbox"/> General Service	Total KWH	=	
<input type="checkbox"/> Large General Service	Base Revenue per KWH**	x	
<input type="checkbox"/> Other		=	x 3
	Extension Credit		= \$
	Extension Cost minus Extension Credit		= \$
	Income Tax Factor		
	Advance required		= \$

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\*Use the lesser amount of "Card" Price or Time & Material Price..

\*\*Revenue from application of appropriate rate schedule, excluding charges related to recovery of energy costs (ECA and any energy cost recovered in base rates) and energy efficiency program costs.



# Interstate Power and Light Company ELECTRIC TARIFF

Filed with the I. U. B.

## ORIGINAL TARIFF NO. 1


Seventh Revised Sheet No. 274

Canceling Sixth Revised Sheet No. 274

### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

#### 14.03 STANDARD BILL FORM:

C



**Summary of y**

Account Name:  
Next Meter Reading:  
Service Address:

Account Number  
Bill Date Aug 20, 2021

Previous Balance	\$296.45
Payment Received	\$0.00
Balance Forward	\$296.45
Current Charges	\$147.87

**Amount Due on Sep 9, 2021**

\$444.32

If paid after Sep 9, 2021 \$450.98

**Electric**

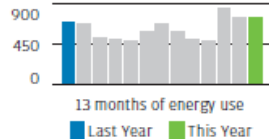
**\$143.42**

Electric Meter:  
Meter Reading  
Aug 19 24,852  
Jul 21 24,106  

---

746 kWh

**Your Electric Usage (in kWh)**






13 months of energy use

Avg. Temp 71°F (Last Year) / 73°F (This Year)

Degree Days 13

Avg. Daily Use This Month - 25.72 kWh

**Questions? Contact us at:**

-  [alliantenergy.com](http://alliantenergy.com)
-  1.800.ALLIANT (1.800.255.4268)
-  P.O. Box 3060  
Cedar Rapids IA 52406-3060

**Take care of it online**  
You can pay your bill, view your energy use and sign up for payments options in My Account at [alliantenergy.com/myaccount](http://alliantenergy.com/myaccount)


**Message Board**

Visit the Alliant Energy Marketplace to order energy-efficient products online. Receive our energy efficiency rebates instantly on items like smart thermostats, advanced power strips, LEDs and more. Plus, you can sign up for our new Alliant Energy Smart Hours program. Visit [alliantenergymarketplace.com](http://alliantenergymarketplace.com) for details.

Amount Due

(See page 2 for details of charges)

Please return this portion with your payment.



<b>Amount Due Sep 9, 2021</b>	<b>\$</b>	<b>444.32</b>
<small>Do not Pay - Auto Pay</small>		
<small>Auto Pay will deduct \$444.32 on Sep 07, 2021</small>		
<small>If paid after Sep 9, 2021</small>	➤	<small>450.98</small>

Account Number

Alliant Energy/IPL  
PO Box 3060  
Cedar Rapids, IA 52406-3060

67716051300000000000444320000000004509810

# Interstate Power and Light Company ELECTRIC TARIFF

Filed with the I. U. B.

## ORIGINAL TARIFF NO. 1


Eighth Revised Sheet No. 275

Canceling Seventh Revised Sheet No. 275

### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

#### 14.03 STANDARD BILL FORM (continued)

C



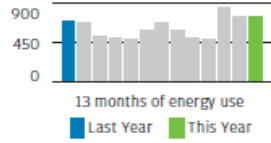
**Summary of your current charges**

Account Name: \_\_\_\_\_  
 Next Meter Reading: \_\_\_\_\_ 1 - Sep 22, 2021  
 Service Address: \_\_\_\_\_

**Electric**  
**\$143.42**

Electric Meter:  
 Meter Reading  
 Aug 19 24,852  
 Jul 21 24,106  
 746 kWh

**Your Electric Usage (in kWh)**



Avg. Temp 71°F | 73°F  
 Degree Days 13  
 Avg. Daily Use This Month - 25.72 kWh




Account Number	
Bill Date	Aug 20, 2021
Previous Balance	\$296.45
Payment Received	\$0.00
Balance Forward	\$296.45
Current Charges	\$147.87

**Amount Due on Sep 9, 2021**

\$444.32

If paid after Sep 9, 2021 **\$450.98**

**Questions? Contact us at:**

-  [alliantenergy.com](http://alliantenergy.com)
-  1.800.ALLIANT (1.800.255.4268)
-  P.O. Box 3060  
Cedar Rapids IA 52406-3060

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**Message Board**  
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**Amount Due**

Amount Due Sep 9, 2021	\$	444.32
Do not Pay - Auto Pay Auto Pay will deduct \$444.32 on Sep 07, 2021.		
If paid after Sep 9, 2021	\$	450.98


Account Number

(See page 2 for details of charges)

Please return this portion with your payment.



----- manifest line -----



SCHMIDT, AARON T  
 2905 7TH ST  
 MARION IA 52302

Alliant Energy/IPL  
 PO Box 3060  
 Cedar Rapids, IA 52406-3060

67716051300000000000444320000000004509810

Date Issued: September 20, 2021

Effective Date: October 19, 2021

By: Ron Hellweg – Manager, Regulatory Relations and Policy

# Interstate Power and Light Company ELECTRIC TARIFF

Filed with the I. U. B.

## ORIGINAL TARIFF NO. 1


Fifth Revised Sheet No. 276

Canceling Fourth Revised Sheet No. 276

### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

#### 14.03 STANDARD BILL FORM: (Minimum Bill)

C



**Summary of your current charges**

Account Name:  
Next Meter Reading: Sep 08, 2021 - Sep 13, 2021  
Service Address:

**Electric**  
\$12.51  
Electric Meter: Meter Reading

Aug 09	0
Jul 11	0
0 kWh	

Minimum Bill




Account Number  
Bill Date: Aug 10, 2021

Previous Balance	\$26.77
Payment Received	\$0.00
Balance Forward	\$26.77
Current Charges	\$12.91

**Amount Due on Aug 30, 2021**  
**\$39.68**

If paid after Aug 30, 2021 \$40.28

**Questions? Contact us at:**


-  [alliantenergy.com](http://alliantenergy.com)
-  1.800.ALLIANT (1.800.255.4268)
-  P.O. Box 3060 Cedar Rapids IA 52406-3060

**Take care of it online**  
You can pay your bill, view your energy use and sign up for payments options in My Account at [alliantenergy.com/myaccount](http://alliantenergy.com/myaccount)

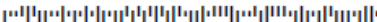
**Message Board**  
Visit the Alliant Energy Marketplace to order energy-efficient products online. Receive our energy efficiency rebates instantly on items like smart thermostats, advanced power strips, LEDs and more. Plus, you can sign up for our new Alliant Energy Smart Hours program. Visit [alliantenergymarketplace.com](http://alliantenergymarketplace.com) for details.

(See page 2 for details of charges)

Please return this portion with your payment.




----- manifest line -----



**Amount Due**

<b>Amount Due Aug 30, 2021</b>	<b>\$</b>	<b>39.68</b>
Do not Pay - Auto Pay Auto Pay will deduct \$39.68 on Aug 30, 2021.		
If paid after Aug 30, 2021	\$	40.28
Account Number		



Alliant Energy/IPL  
PO Box 3060  
Cedar Rapids, IA 52406-3060

4178051000000000000000000396800000000000402818

Date Issued: September 20, 2021

Effective Date: October 19, 2021

By: Ron Hellweg – Manager, Regulatory Relations and Policy

# Interstate Power and Light Company ELECTRIC TARIFF

Filed with the I. U. B.

## ORIGINAL TARIFF NO. 1


Seventh Revised Sheet No. 277

Canceling Sixth Revised Sheet No. 277

### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

#### 14.03 STANDARD BILL FORM: (Estimated Bill)

C



**Summary of your bill**

Account Name:  
Next Meter Reading:  
Service Address:

**Electric \$79.24**

Electric Meter:  
Meter Reading  
Aug 03 79,391 (Estimated)  
Jul 02 79,041 (Estimated)  
350 kWh

**Your Electric Usage (in kWh)**

13 months of energy use

Last Year	74°F
This Year	73°F

Avg. Temp Degree Days 1

Avg. Daily Use This Month - 10.94 kWh

Account Number	
Bill Date	Aug 06, 2021
Previous Balance	\$613.07
Payment Received	\$0.00
Balance Forward	\$613.07
Current Charges	\$88.44

**Amount Due on Aug 26, 2021**

**\$701.51**

If paid after Aug 26, 2021 **\$712.03**

**Questions? Contact us at:**


- alliantenergy.com
- 1.800.ALLIANT (1.800.255.4268)
- P.O. Box 3060 Cedar Rapids IA 52406-3060

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(See page 2 for details of charges)

Please return this portion with your payment.



**Amount Due**

<b>Amount Due Aug 26, 2021</b>	<b>\$</b>	<b>701.51</b>
Amount enclosed if Different From Above	<b>\$</b>	_____
If paid after Aug 26, 2021	<b>\$</b>	<b>712.03</b>

Account Number

0041790000000000000000007015100000000007120311

Date Issued: September 20, 2021

Effective Date: October 19, 2021

By: Ron Hellweg – Manager, Regulatory Relations and Policy

# Interstate Power and Light Company ELECTRIC TARIFF

Filed with the I. U. B.

## ORIGINAL TARIFF NO. 1


Third Revised Sheet No. 277.1

Canceling Second Revised Sheet No. 277.1

### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

#### 14.03 STANDARD BILL FORM: (Estimated Bill) (continued)

C

		it Number Page 2 of 2																																				
<b>Residential Electric Service</b> Rate: 400 - Electric Residential		Questions? Contact us at: PO Box 3060 Cedar Rapids, IA 52406-3060 Toll-free: 1-800-255-4268																																				
		Your bill is based on estimated usage, which can happen for various reasons. Learn more by calling us at 1-800-ALLIANT. We are available 6 a.m. to 9 p.m. Monday through Saturday.																																				
		<b>Iowa Utilities Board</b> 1375 E. Court Avenue Room 69 Des Moines, IA 50319-0069 Toll-free: 1-877-565-4450 Email: customer@iub.iowa.gov On the web: iub.iowa.gov																																				
Billed for: 32 Days																																						
<table border="1"> <thead> <tr> <th>Billing Period</th> <th>Meter</th> <th>Current Reading</th> <th>Previous Reading</th> <th>Metered Units</th> <th>Multiplier</th> <th>Usage</th> </tr> </thead> <tbody> <tr> <td>Jul 02 - Aug 03</td> <td>500248934</td> <td>79,391</td> <td>79,041</td> <td>350 kWh</td> <td>1</td> <td>350 kWh</td> </tr> <tr> <td></td> <td></td> <td>Estimate</td> <td>Estimate</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Billing Period	Meter	Current Reading	Previous Reading	Metered Units	Multiplier	Usage	Jul 02 - Aug 03	500248934	79,391	79,041	350 kWh	1	350 kWh			Estimate	Estimate																				
Billing Period	Meter	Current Reading	Previous Reading	Metered Units	Multiplier	Usage																																
Jul 02 - Aug 03	500248934	79,391	79,041	350 kWh	1	350 kWh																																
		Estimate	Estimate																																			
<table border="1"> <tbody> <tr> <td>Summer 1st Step</td> <td>10.938000 kWh X 32 days</td> <td>X \$0.11685</td> <td>\$40.90</td> </tr> <tr> <td>Energy Cost</td> <td>350.000 kWh X \$0.02517</td> <td></td> <td>\$8.81</td> </tr> <tr> <td>Energy Efficiency Programs Charge</td> <td>350.000 kWh X \$0.0017</td> <td></td> <td>\$0.60</td> </tr> <tr> <td>Demand Response Programs Charge</td> <td>350.000 kWh X \$0.0018</td> <td></td> <td>\$0.63</td> </tr> <tr> <td>Renewable Energy Charge</td> <td>350.000 kWh X \$0.0024</td> <td></td> <td>\$0.84</td> </tr> <tr> <td>Regional Transmission Service</td> <td>350.000 kWh X \$0.03065</td> <td></td> <td>\$10.73</td> </tr> <tr> <td>Basic Service Charge</td> <td>32.000 Days X \$0.4274</td> <td></td> <td>\$13.68</td> </tr> <tr> <td>Franchise Fee</td> <td>\$76.19 X 4%</td> <td></td> <td>\$3.05</td> </tr> <tr> <td colspan="3">Total Current Charges</td> <td>\$79.24</td> </tr> </tbody> </table>	Summer 1st Step	10.938000 kWh X 32 days	X \$0.11685	\$40.90	Energy Cost	350.000 kWh X \$0.02517		\$8.81	Energy Efficiency Programs Charge	350.000 kWh X \$0.0017		\$0.60	Demand Response Programs Charge	350.000 kWh X \$0.0018		\$0.63	Renewable Energy Charge	350.000 kWh X \$0.0024		\$0.84	Regional Transmission Service	350.000 kWh X \$0.03065		\$10.73	Basic Service Charge	32.000 Days X \$0.4274		\$13.68	Franchise Fee	\$76.19 X 4%		\$3.05	Total Current Charges			\$79.24		
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Total Current Charges			\$79.24																																			
Late Payment Charges	Aug 06	\$ 9.20																																				
		\$ 701.51																																				

Interstate Power and Light, an Alliant Energy Company

Please recycle

**Message Board:**  
 Paying by check? Go to [alliantenergy.com](http://alliantenergy.com) or call us at 1-800-ALLIANT (800-255-4268) to make a one-time payment with no fee. Paying by credit card? Go to [alliantenergy.com](http://alliantenergy.com) to make a free one-time payment with no fee. You can also use Speedpay by calling 1-877-429-4126 (fees may apply).

Questions about your bill? Our bill guides explain all the parts and pieces. Check them out at [alliantenergy.com/understandyourbill](http://alliantenergy.com/understandyourbill)

Date Issued: September 20, 2021

Effective Date: October 19, 2021

By: Ron Hellweg – Manager, Regulatory Relations and Policy

**Interstate Power and Light Company**

**ELECTRIC TARIFF**

Filed with the I. U. B.

Second Substitute Second Revised Sheet Nos. 278-282

**ORIGINAL TARIFF NO. 1**

Canceling First Revised Sheet Nos. 278-282

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SHEET NOS. RESERVED FOR FUTURE USE

N

GENERAL RULES AND REGULATIONS  
FOR ELECTRIC SERVICE  
FORMS AND AGREEMENTS

**14.05 RESIDENTIAL CUSTOMER NON-STANDARD METER OPTIONS - TERMS and CONDITIONS:** Residential Customers may elect to use an analog, digital non-transmitting, or an advanced metering infrastructure (AMI) meter that provides for an electronic meter read once per month (Opt-Out Mode) (individually, each a non-standard meter options (NSMA Option)), subject to the following terms and conditions, in lieu of having a fully functioning AMI meter installed and operating on the Customer's premise. Customers that elect a NSMA Option shall be subject to the applicable monthly charge identified in Section 6.10(A) of these General Rules and Regulations. N  
N  
N  
N  
N  
N

Subject to the exceptions in this Section 14.05, a Customer may request a NSMA Option when a fully functioning AMI meter is or would otherwise be installed and operated by the Company. N  
N

Residential Customers must meet the following eligibility requirements in order to participate in the NSMA Option: N  
N

1. The Customer of record, who is responsible for payment of the electric service at the premise the meter is located, must request the NSMA Option.
2. The Customer must be billed for electric service pursuant to the tariff for Electric Residential Service.
3. The Customer shall have only a single meter at the Customer's point of delivery measuring electric service.

Customers that elect any of the following optional rates and tariffs are not eligible for a NSMA Option: N  
N

1. Time-of-Day;
2. Net Metering Pilot – Renewable Energy Facilities;
3. Cogeneration & Small Power Production; or
4. Alternative Energy & Small Hydro Production.

Customers that elect an analog or digital non-transmitting meter as the NSMA Option must agree to semi-annual actual meter readings by the Company with estimated meter readings for the billings for all other months. N  
N  
N

Customers that currently have analog meters will be allowed to retain their analog meter as the NSMA Option until it fails or is part of a failed meter testing lot if that lot failed in 2020 or later. At the time an analog meter is replaced, and if the Customer continues to desire an NSMA Option, it shall be replaced by a non-transmitting digital meter or an AMI meter in Opt-Out Mode. N  
N  
N  
N

Company shall install an AMI meter in the event Customer: N

1. voluntarily chooses to end use of a digital meter;
2. is no longer eligible for a digital meter; or
3. is no longer the Customer of record responsible for payment of the electric service at the premise where the digital meter is located. IPL shall install an AMI meter for any new customer at the premise, however, any customer shall have the right to opt-out of having an AMI meter at any time, subject to the other provisions of this tariff. Any eligible new customer at a premise can elect to retain an existing NSMA Option if the option currently exists at that premise at the time the new customer applies to take service at the premise.

**Interstate Power and Light Company**

**ELECTRIC TARIFF**

Filed with the I. U. B.

Second Substitute Third Revised Sheet Nos. 284-292

**ORIGINAL TARIFF NO. 1**

Canceling Second Revised Sheet Nos. 284-292

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**GENERAL RULES AND REGULATIONS  
FOR ELECTRIC SERVICE  
FORMS AND AGREEMENTS**

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14.06

RESERVED FOR FUTURE USE

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Date Issued: November 12, 2019

Effective Date: January 1, 2020

By: Sarah Ruen Blanchard – Manager, Regulatory Relations and Policy



# Interstate Power and Light Company ELECTRIC TARIFF

Filed with the I. U. B.

## ORIGINAL TARIFF NO. 1

Third Revised Sheet No. 293

Canceling Second Revised Sheet No. 293

### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

#### 14.07 LEVEL 1 STANDARD APPLICATION FORM AND DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT:



**IOWA - LEVEL 1  
STANDARD APPLICATION FORM AND INTERCONNECTION AGREEMENT  
(For Lab-Certified Inverter-Based Distributed Generation Facilities 10 kVA or less)  
Interstate Power and Light Company (IPL)**

Page 1 of 4

**INSTRUCTIONS:**

1. \*Indicates required information.
2. Mail completed form with \$50 application fee to: Alliant Energy, Renewable Hotline GO-8, P.O. Box 351, Cedar Rapids, IA 52406-0351.

INTERCONNECTION APPLICANT CONTACT INFORMATION			
*Owner / Company (Legal Entity Name)		*Contact Name	
*Phone No. (Daytime) (    )	Phone No. (Evening) (    )	Fax No. (    )	
*Mailing Address		E-mail Address	
*City		*State	*ZIP
ALTERNATE CONTACT INFORMATION <i>(if different from Applicant)</i>			
Owner / Company (Legal Entity Name)		Contact Name	
Phone No. (Daytime) (    )	Phone No. (Evening) (    )	Fax No. (    )	
Mailing Address		E-mail Address	
*City		*State	*ZIP
EQUIPMENT CONTRACTOR			
Company Name		Contact Name	
Phone No. (Daytime) (    )	Phone No. (Evening) (    )	Fax No. (    )	
Mailing Address		E-mail Address	
City		State	ZIP
License No. (if applicable)	Active License? (if applicable) <input type="checkbox"/> YES <input type="checkbox"/> NO		

Date Issued: July 29, 2015  
By: Jason P. Nielsen – Manager, Regulatory Affairs

Effective Date: August 9, 2015

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I. U. B.

### ORIGINAL TARIFF NO. 1

Second Revised Sheet No. 294

Canceling First Revised Sheet No. 294

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#### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.07 LEVEL 1 STANDARD APPLICATION FORM AND DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)

ELECTRICAL CONTRACTOR <i>(if different from Equipment Contractor)</i>			
Company Name		Contact Name	
Phone No. (Daytime) ( )	Phone No. (Evening) ( )	Fax No. ( )	
Mailing Address		E-mail Address	
City		State	ZIP
License No.		Active License? <i>(if applicable)</i> <input type="checkbox"/> YES <input type="checkbox"/> NO	
*Is the Interconnection Customer requesting Net Metering in accordance with Iowa Utilities Board rule 199 IAC 15.11(5) and the utility's net metering or net billing tariff? <input type="checkbox"/> YES <input type="checkbox"/> NO			
*INTENT OF GENERATION <i>(check one)</i>			
<input type="checkbox"/> Net Metering (Unit will operate in parallel and will export power to utility pursuant to Iowa Utilities Board rule 199 IAC 15.11(5) and the utility's net metering or net billing tariff). IPL's Alternative Energy & Small Hydro Production (AEP) Tariff.			
<input type="checkbox"/> Self-Use and Sales to the Utility (Unit will operate in parallel and may export and sell excess power to utility pursuant to Iowa Utilities Board rule 199 IAC 15.5 and the utility's tariff). IPL's Cogeneration & Small Power Production (CSPP) Tariff.			
<input type="checkbox"/> Other (Please explain) _____			
ECRM153976 REV. 6 08/10			

Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I. U. B.

Second Revised Sheet No. 295

### ORIGINAL TARIFF NO. 1

Canceling First Revised Sheet No. 295

#### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

#### 14.07 LEVEL 1 STANDARD APPLICATION FORM AND DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)

Page 2 of 4			
DISTRIBUTED GENERATION FACILITY ("FACILITY") INFORMATION			
*Facility Address or Latitude and Longitude		Account No. of Facility Site (existing utility customers)	
*Utility Serving Facility Site	*City	*State	*ZIP
*Inverter Manufacturer		*Model	
*Is the inverter lab-certified as that term is defined in Iowa Utilities Board Chapter 45 rules on Electric Interconnection of Distributed Generation (199 IAC 45.1)? <input type="checkbox"/> YES <input type="checkbox"/> NO (If yes, attach manufacturer's technical specifications and label information from a nationally recognized testing laboratory, e.g. UL)			
*Generation Facility Nameplate Rating _____ (kW)                      _____ (kVA)                      _____ (AC Volts)			
*Energy Source <input type="checkbox"/> Wind <input type="checkbox"/> Solar <input type="checkbox"/> Biomass <input type="checkbox"/> Hydro <input type="checkbox"/> Diesel <input type="checkbox"/> Natural Gas <input type="checkbox"/> Fuel Oil Other _____			
*Energy Converter Type <input type="checkbox"/> Wind Turbine <input type="checkbox"/> Photovoltaic Cell <input type="checkbox"/> Fuel Cell <input type="checkbox"/> Reciprocating Eng Other _____			
Commissioning Test Date (If the Commissioning Test Date changes/unknown, the interconnection customer must inform IPL as soon as aware of the changed/known date, but no later than 15 business days.)  _____			
*INSURANCE DISCLOSURE			
The attached terms and conditions contain provisions related to liability and indemnification and should be carefully considered by the interconnection customer. The interconnection customer shall carry general liability insurance coverage, such as, but not limited to, homeowner's insurance. The interconnection customer shall provide the utility with proof that it has a current homeowner's insurance policy or other general liability policy.  Proof of Insurance attached <input type="checkbox"/> YES			
*OTHER FACILITY INFORMATION			
One Line Diagram - A basic drawing of an electric circuit in which one or more conductors are represented by a single line and each electrical device and major component of the installation, from the generator to the point of interconnection, are noted by symbols.  One Line Diagram attached <input type="checkbox"/> YES  Plot Plan - A map or sketch showing the distributed generation facility's location in relation to streets, alleys, or other geographic markers (i.e. section pin, corner pin, buildings, permanent structures, etc.).  Plot Plan attached <input type="checkbox"/> YES			

Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I. U. B.

Second Revised Sheet No. 296

### ORIGINAL TARIFF NO. 1

Canceling First Revised Sheet No. 296

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#### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.07 LEVEL 1 STANDARD APPLICATION FORM AND DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)

*CUSTOMER SIGNATURE	
I hereby certify that: (1) I have read and understand the terms and conditions, which are attached hereto by reference; (2) I hereby agree to comply with the attached terms and conditions; and (3) to the best of my knowledge, all of the information provided in this application request form is complete and true.	
Applicant Signature (signature must reflect Contact Name under section Interconnection Applicant Contact Information)	Date
Printed Name	Title
This Application Form and Interconnection Agreement is comprised of: (1) the Level 1 Standard Application Form and Interconnection Agreement; (2) the Attachment of Terms and Conditions for Interconnection; and (3) the Certificate of Completion, which shall be completed and returned to IPL when installation is complete and final electric inspector approval has been obtained.  NOTE: If the Certificate of Completion is not completed and returned to the utility within 12 months following the utility's dated conditional agreement to interconnect below, this Application Form and Interconnection Agreement will automatically terminate and be of no further force and effect.	
FOR ALLIANT ENERGY USE ONLY	
Date Received	Project ID
Date Into DR DB	Assigned DE
CONDITIONAL AGREEMENT TO INTERCONNECT DISTRIBUTED GENERATION FACILITY	
Receipt of application fee is acknowledged and, by its signature below, the utility has determined the interconnection request is complete. Interconnection of the distributed generation facility is conditionally approved contingent upon the attached terms and conditions of this Agreement, the return of the attached Certificate of Completion, duly executed verification of electrical inspection and successful witness test.	
Utility Signature	Date
Printed Name	Title
ECPM153976 REV. 6 08/10	

Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

**GENERAL RULES AND REGULATIONS  
FOR ELECTRIC SERVICE  
FORMS AND AGREEMENTS**

**14.07 LEVEL 1 STANDARD APPLICATION FORM AND DISTRIBUTED GENERATION  
INTERCONNECTION AGREEMENT: (Continued)**

**ATTACHMENT  
LEVEL 1  
STANDARD INTERCONNECTION AGREEMENT**

**Terms and Conditions for Interconnection**

1. **Construction of the Distributed Generation Facility:** The interconnection customer may proceed to construct (including operational testing not to exceed 2 hours) the distributed generation facility, once the conditional Agreement to interconnect a distributed generation facility has been signed by the utility.
2. **Final Interconnection and Operation:** The interconnection customer may operate the distributed generation facility and interconnect with the utility's electric distribution system after all of the following have occurred:
  - a. **Electrical Inspection:** Upon completing construction, the interconnection customer shall cause the distributed generation facility to be inspected by the local electrical inspection authority, who shall establish that the distributed generation facility meets local code requirements.
  - b. **Certificate of Completion:** The interconnection customer shall provide the utility with a copy of the Certificate of Completion with all relevant and necessary information fully completed by the interconnection customer, as well as an inspection form from the local electrical inspection authority demonstrating that the distributed generation facility passed inspection.
  - c. The utility has completed its witness test as per the following:
    - 1) The interconnection customer shall provide the utility at least 15 business days' notice of the planned commissioning test for the distributed generation facility. Within 10 business days after the commissioning test, the utility may, upon reasonable notice and at a mutually convenient time, conduct a witness test of the distributed generation facility to ensure that all equipment has been appropriately installed and operating as designed in accordance with the requirements of IEEE 1547.
    - 2) If the utility does not perform the witness test within the 10 business days after the commissioning test or such other time as is mutually agreed to by the Parties, the witness test is deemed waived, unless the utility cannot do so for good cause. In these cases, upon utility request, the interconnection customer shall agree to another date for the test within 10 business days after the original scheduled date.
3. **IEEE 1547:** The distributed generation facility shall be installed, operated and tested in accordance with the requirements of the Institute of Electrical and Electronics Engineers Inc. IEEE, 3 Park Avenue, New York, NY 10016-5997, Standard 1547 (2003) "Standard for Interconnecting Distributed Resources with Electric Power Systems," as well as any applicable federal, state, or local laws, regulations, codes, ordinances, orders, or similar directives of any government or other authority having jurisdiction.
4. **Access:** The utility must have access to the isolation device or disconnect switch and metering equipment of the distributed generation facility at all times. When practical, the utility shall provide notice to the customer prior to using its right of access.
5. **Metering:** Any required metering shall be installed pursuant to the utility's metering rules filed with the Iowa Utilities Board under subrule 199 IAC 20.2(5).
6. **Disconnection:** The utility may disconnect the distributed generation facility upon any of the following conditions, but must reconnect the distributed generation facility once the condition is cured:
  - a. For scheduled outages, provided that the distributed generation facility is treated in the same manner as utility's load customers;
  - b. For unscheduled outages or emergency conditions;
  - c. If the distributed generation facility does not operate in a manner consistent with the Agreement of the applicable requirements of 199IAC Chapter 15 or 45;
  - d. Improper installation or failure to pass the witness test;
  - e. If the distributed generation facility is creating a safety, reliability, or power quality problem;
  - f. The interconnection equipment used by the distributed generation facility is delisted by the National Recognized Testing Laboratory that provided the listing at the time the interconnection was approved;
  - g. Unauthorized modifications of the interconnection facilities or the distributed generation facility; or
  - h. Unauthorized connection to the utility's electric system.

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I. U. B.

Original Sheet No. 298

### ORIGINAL TARIFF NO. 1

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#### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.07 LEVEL 1 STANDARD APPLICATION FORM AND DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)

7. **Indemnification:** The interconnection customer shall indemnify and defend the utility and the utility's directors, officers, employees, and agents from all claims, damages and expenses, including reasonable attorney's fees, to the extent resulting from the interconnection customer's negligent installation, operation, modification, maintenance or removal of its distributed generation facility or interconnection facilities, or the interconnection customer's willful misconduct or breach of this Agreement. The utility shall indemnify and defend the interconnection customer and the interconnection customer's directors, officers, employees, and agents from all claims, damages and expenses, including reasonable attorney's fees, to the extent resulting from the utility's negligent installation, operation, modification, maintenance or removal of its interconnection facilities or electric distribution system, or the utility's willful misconduct or breach of this Agreement.
8. **Insurance:** The interconnection customer shall provide the utility with proof that it has a current homeowner's insurance policy or other general liability policy.
9. **Limitation of Liability:** Each Party's liability to the other Party for any loss, cost, claim, injury, liability or expense, including reasonable attorney's fees, relating to or arising from any act or omission in its performance of this Agreement, shall be limited to the amount of direct damage actually incurred. In no event shall either Party be liable to the other Party for any indirect, incidental, special, consequential, or punitive damages of any kind whatsoever, provided that in no such event shall death, bodily injury or third party claims be construed as an indirect or consequential damages.
10. **Termination:** The agreement will remain in effect until terminated and may be terminated under the following conditions:
- By interconnection customers - The interconnection customer may terminate this interconnection agreement by providing written notice to the utility. If the interconnection customer ceases operation of the distributed generation facility, the interconnection customer must notify the utility.
  - By the utility - The utility may terminate this Agreement without liability to the interconnection customer if the interconnection customer fails to remedy a violation of the terms of this Agreement within 30 calendar days after notice, or such other date as may be mutually agreed to in writing prior to the expiration of the 30 calendar days remedy period. The termination date may be no less than 30 calendar days after the interconnection customer receives notice of its violation from the utility.

ECRM159376 REV. 6 08/10

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Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

# Interstate Power and Light Company ELECTRIC TARIFF

Filed with the I. U. B.

## ORIGINAL TARIFF NO. 1

First Revised Sheet No. 299

Cancelling Original Sheet No. 299

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### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.07 LEVEL 1 STANDARD APPLICATION FORM AND DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)

Page 4 of 4

11. **Modification of Distributed Generation Facility:** The interconnection customer must receive written authorization from the utility before making any changes to the distributed generation facility that could affect the utility's distribution system. If the interconnection customer makes such modifications without the utility's prior written authorization, the utility shall have the right to disconnect the distributed generation facility.
12. **Permanent Disconnection:** In the event the Agreement is terminated, the utility shall have the right to disconnect its facilities or direct the interconnection customer to disconnect its distributed generation facility.
13. **Disputes:** Each Party agrees to attempt to resolve all disputes regarding the provisions of this Agreement that cannot be resolved between the two Parties pursuant to the dispute resolution provisions found in Iowa Utilities Board Chapter 45 rules on Electric Interconnection of Distributed Generation Facilities (199 IAC 45.12).
14. **Governing Law, Regulatory Authority, and Rules:** The validity, interpretation, and enforcement of this Agreement and each of its provisions shall be governed by the laws of the State of Iowa. Nothing in the Agreement is intended to affect any other agreement between the utility and the interconnection customers.
15. **Survival Rights:** This Agreement shall remain in effect after termination to the extent necessary to allow or require either Party to fulfill rights or obligations that arose under the Agreement.
16. **Assignment/Transfer of Ownership of the Distributed Generation Facility:** This agreement shall terminate upon the transfer of ownership of the distributed generation facility to a new owner, unless the transferring owner assigns the Agreement to the new owner, the new owner agrees in writing to the terms of this Agreement, and the transferring owner so notifies the utility in writing prior to the transfer of ownership.
17. **Definitions:** Any term used herein and not defined shall have the same meaning as the defined terms used in Iowa Utilities Board Chapter 45 rules on Electric Interconnection of the Distributed Generation Facilities (199 IAC 45.1).
18. **Notice:** The Parties may mutually agree to provide notices, demands, comments or request by electronic means such as e-mail. Absent agreement to electronic communication, or unless otherwise provided in the Agreement, any written notice, demand or request required or authorized in connection with this Agreement shall be deemed properly given with receipt is confirmed after the notices are delivered in person, delivered by recognized national courier service, or sent by first-class mail, postage prepaid, return receipt requested to the person specified below:

**If Notice is to Interconnection Customer:** Use the contact information provided in the interconnection customer's application. The interconnection customer is responsible for notifying the utility of any change in the contact party information, including change of ownership.

**If Notice is to Utility:** Use the contact information provided below. The utility is responsible for notifying the interconnection customer of any change in the contact party information.

Alliant Energy  
Renewable Hotline GO-8  
P.O. Box 351  
Cedar Rapids, IA 52406-0351

Renewable Energy Hotline  
8:00 a.m.-4:30 p.m., Monday-Friday  
1-800-972-5325  
Fax: 608-458-1155  
sellmypower@alliantenergy.com  
alliantenergy.com/sellmypower

19. **Interruptions:** The utility is not responsible for any lost opportunity or other costs incurred by the interconnection customer as a result of an interruption of service.

ECRM159876 REV. 10 05/15

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Date Issued: July 29, 2015  
By: Jason P. Nielsen – Manager, Regulatory Affairs

Effective Date: August 9, 2015

# Interstate Power and Light Company ELECTRIC TARIFF

Filed with the I. U. B.

## ORIGINAL TARIFF NO. 1

First Revised Sheet No. 300

Cancelling Original Sheet No. 300

### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

#### 14.08 STANDARD CERTIFICATE OF COMPLETION:



#### CERTIFICATE OF COMPLETION

**INSTRUCTIONS:**

When installation is complete and final electric inspector approval has been obtained, return completed form to Alliant Energy, Renewable Hotline GO-8, P.O. Box 351, Cedar Rapids, IA 52406-0351, fax 608-458-1155 or email [sellmypower@alliantenergy.com](mailto:sellmypower@alliantenergy.com).

INTERCONNECTION CUSTOMER INFORMATION			
Name			
Mailing Address			
City		State	Zip
Phone No. (Daytime) ( )		Phone No. (Evening) ( )	
Fax No. ( )		E-mail Address	
INSTALLER			
Name		Check if owner-installed <input type="checkbox"/>	
Mailing Address			
City		State	Zip
Phone No. (Daytime) ( )		Phone No. (Evening) ( )	
Fax No. ( )		E-mail Address	
FINAL ELECTRIC INSPECTION AND INTERCONNECTION CUSTOMER SIGNATURE			
<p>The distributed generation facility is complete and has been approved by the local electric inspector having jurisdiction. A signed copy of the electric inspector's form indicating final approval is attached. The interconnection customer acknowledges that it shall not operate the distributed generation facility until receipt of the final acceptance and approval by the utility as provided below.</p>			
Interconnection Customer Signature			Date
Printed Name			
Check if copy of signed electric inspection form is attached:		<input type="checkbox"/>	
Check if copy of as-built documents is attached (projects larger than 10 kVA only):		<input type="checkbox"/>	

Date Issued: July 29, 2015

By: Jason P. Nielsen – Manager, Regulatory Affairs

Effective Date: August 9, 2015



# Interstate Power and Light Company ELECTRIC TARIFF

Filed with the I. U. B.

## ORIGINAL TARIFF NO. 1

First Revised Sheet No. 301

Cancelling Original Sheet No. 301

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### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.08 STANDARD CERTIFICATE OF COMPLETION: (Continued)

ACCEPTANCE AND FINAL APPROVAL FOR INTERCONNECTION <i>(for utility use only)</i>		
The interconnection agreement is approved and the distributed generation facility is approved for interconnected operation upon the signing and return of this Certificate of Completion by utility:		
Electric Distribution Company waives Witness Test? (Initial) Yes _____ No _____		
If not waived, date of successful Witness Test: _____ Passed: (Initial) _____		
Utility Signature		Date
Printed Name	Title	Project ID

ECRM474691 REV. 3 05/15

**Alliant Energy**  
**Renewable Hotline GO-8**  
**P.O. Box 351**  
**Cedar Rapids, IA 52406-0351**  
**1-800-972-5325**  
**Fax: 608-458-1155**  
**[sellmypower@alliantenergy.com](mailto:sellmypower@alliantenergy.com)**  
**[alliantenergy.com/sellmypower](http://alliantenergy.com/sellmypower)**

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Date Issued: July 29, 2015  
By: Jason P. Nielsen – Manager, Regulatory Affairs

Effective Date: August 9, 2015

# Interstate Power and Light Company ELECTRIC TARIFF

Filed with the I. U. B.

## ORIGINAL TARIFF NO. 1

First Revised Sheet No. 302  
Cancelling Original Sheet No. 302

### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

#### 14.09 LEVELS 2 TO 4: STANDARD APPLICATION FORM:



#### LEVELS 2-4 STANDARD INTERCONNECTION REQUEST APPLICATION FORM (For Distributed Generation Facilities 10 MVA or less) Interstate Power and Light Company (IPL)

Page 1 of 4

**INSTRUCTIONS:**

- \*Indicates required information.
- Mail completed form with application fee (see page 2) to: Alliant Energy, Renewable Hotline GO-8, P.O. Box 351, Cedar Rapids, IA 52406-0351.

INTERCONNECTION CUSTOMER CONTACT INFORMATION			
*Owned/Company (Legal Entity Name)		*Contact Name	
*Mailing Address			
*City		*State	*ZIP
*Phone No. (Daytime) (    )		Phone No. (Evening) (    )	
Fax No. (    )		E-mail Address	
ALTERNATE CONTACT INFORMATION (if different from Customer Contact Information)			
Name			
Mailing Address			
City		State	ZIP
Phone No. (Daytime) (    )		Phone No. (Evening) (    )	
Fax No. (    )		E-mail Address	
FACILITY ADDRESS (if different from Customer Contact Information)			
*Facility Address or Latitude and Longitude			
*City		*State	*ZIP
*Utility Serving Facility Site		Account Number of Facility Site (existing utility customers)	

Date Issued: July 29, 2015  
By: Jason P. Nielsen – Manager, Regulatory Affairs

Effective Date: August 9, 2015

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I. U. B.

Original Sheet No. 303

### ORIGINAL TARIFF NO. 1

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#### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.09 LEVELS 2 TO 4: STANDARD APPLICATION FORM: (Continued)

EQUIPMENT CONTRACTOR			
Name			
Mailing Address			
City		State	ZIP
Phone No. (Daytime) ( )		Phone No. (Evening) ( )	
Fax No. ( )		E-mail Address	
ELECTRICAL CONTRACTOR <i>(if different from Equipment Contractor)</i>			
Name			
Mailing Address			
City		State	ZIP
Phone No. (Daytime) ( )		Phone No. (Evening) ( )	
Fax No. ( )		E-mail Address	
License No.			
ECRM514868 08/10			

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Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I. U. B.

Original Sheet No. 304

### ORIGINAL TARIFF NO. 1

#### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

#### 14.09 LEVELS 2 TO 4: STANDARD APPLICATION FORM: (Continued)

Page 2 of 4
<b>ELECTRIC SERVICE INFORMATION FOR CUSTOMER FACILITY WHERE GENERATOR WILL BE INTERCONNECTED</b>
*Capacity (Service Entrance) _____ (Amps) Voltage _____ (Volts) *Type of Service <input type="checkbox"/> Single Phase <input type="checkbox"/> Three Phase
If 3 Phase Transformer, Indicate Type Primary Win _____ Wye _____ Delta _____ Secondary Win _____ Wye _____ Delta _____
Transformer _____ Impedan _____
<b>*INTENT OF GENERATION <i>(check one)</i></b>
<input type="checkbox"/> Offset Load (Unit will operate in parallel, but will not export power to utility). <input type="checkbox"/> Net Metering (Unit will operate in parallel and will export power to utility pursuant to Iowa Utilities Board rule 199 IAC 15.11(5) and the utility's net metering or net billing tariff). IPL's Alternative Energy & Small Hydro Production (AEP) Tariff. <input type="checkbox"/> Self-Use and Sales to the Utility (Unit will operate in parallel and may export and sell excess power to utility pursuant to Iowa Utilities Board rule 199 IAC 15.5 and the utility's tariff). IPL's Cogeneration & Small Power Production (CSPP) Tariff. <input type="checkbox"/> Wholesale Market Transaction [Unit will operate in parallel and participate in MISO (Midwest Independent System Operators) or other wholesale power markets pursuant to separate requirements and agreements with MISO or other transmission providers, and applicable rules of the Federal Energy Regulatory Commission]. <input type="checkbox"/> Back-up Generation (Units that temporarily operate in parallel with the electric distribution system for more than 100 milliseconds).
NOTE: Back-up units that do not operate in parallel for more than 100 milliseconds do not need an interconnection agreement.
<b>*REQUESTED PROCEDURE UNDER WHICH TO EVALUATE INTERCONNECTION REQUEST <i>(check one)</i></b>
Please indicate below which review procedure applies to the interconnection request. The review procedure used is subject to confirmation by the utility.
<input type="checkbox"/> Level 2 - Lab-certified interconnection equipment with an aggregate electric nameplate capacity less than or equal to 2 MVA. Lab-certified is defined in Iowa Utilities Board Chapter 45 rules on Electric Interconnection of Distributed Generation Facilities (199 IAC 45.1). <b>(Application fee is \$100 plus \$1.00 per kVA.)</b> <input type="checkbox"/> Level 3 - Distributed generation facility does not export power. Nameplate capacity rating is less than or equal to 50 kVA if connecting to area network or less than or equal to 10 MVA if connecting to a radial distribution feeder. <b>(Application fee amount is \$500 plus \$2.00 per kVA.)</b> <input type="checkbox"/> Level 4 - Nameplate capacity rating is less than or equal to 10 MVA and the distributed generation facility does not qualify for a Level 1, Level 2, or Level 3 review, or the distributed generation facility has been reviewed but not approved under a Level 1, Level 2, or Level 3 review. <b>(Application fee amount is \$1,000 plus \$2.00 per kVA, to be applied toward any subsequent studies related to this application.)</b>
NOTE: Descriptions for interconnection review categories do not list all criteria that must be satisfied. For a complete list of criteria, please refer to Iowa Utilities Board Chapter 45 rules on Electric Interconnection of Distributed Generation Facilities (199 IAC 45).
<b>*GENERATOR AND PRIME MOVER INFORMATION</b>
Energy Source <input type="checkbox"/> Hydro <input type="checkbox"/> Wind <input type="checkbox"/> Solar <input type="checkbox"/> Process Byproduct <input type="checkbox"/> Biomass <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Coal <input type="checkbox"/> Other _____
Energy Converter Type <input type="checkbox"/> Wind Turbine <input type="checkbox"/> Photovoltaic Cell <input type="checkbox"/> Fuel Cell <input type="checkbox"/> Steam Turbine Other _____
Generator Size _____ (kW) or _____ (kVA) No. of Units _____ Nameplate Rating _____ (kW) Total Capacity of all Generators _____ (kW) or _____ (kVA)
Generator Type <i>(check one)</i> <input type="checkbox"/> Induction <input type="checkbox"/> Inverter <input type="checkbox"/> Synchronous <input type="checkbox"/> Other _____

Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I. U. B.

Original Sheet No. 305

### ORIGINAL TARIFF NO. 1

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#### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.09 LEVELS 2 TO 4: STANDARD APPLICATION FORM: (Continued)

DISTRIBUTED GENERATION FACILITY INFORMATION	
Commissioning Test Date (If the Commissioning Test Date changes/unknown, the interconnection customer must inform IPL as soon as aware of the changed/known date, but no later than 15 business days.)  _____	
*List interconnection components/systems to be used in the distributed generation facility that are lab-certified.  *Component/System  _____  _____  _____  _____	NRTL Providing Label and Listing  _____  _____  _____  _____
Copies of manufacturer brochures and/or technical specifications included. <input type="checkbox"/> YES	
ENERGY PRODUCTION EQUIPMENT/INVERTER INFORMATION	
Inverter Manufacturer	Model
<input type="checkbox"/> Induction <input type="checkbox"/> Inverter <input type="checkbox"/> Synchronous <input type="checkbox"/> Other _____	
Rating _____ (kW)    Rating _____ (kVA)    *Rated Voltage _____ Volts    *Rated Current _____ Amps	
System Type Tested (Total System) <input type="checkbox"/> Yes <input type="checkbox"/> No (Attach product literature)	
ECRM514368 08/10	

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Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I. U. B.

Original Sheet No. 306

### ORIGINAL TARIFF NO. 1

**GENERAL RULES AND REGULATIONS  
FOR ELECTRIC SERVICE  
FORMS AND AGREEMENTS**

#### 14.09 LEVELS 2 TO 4: STANDARD APPLICATION FORM: (Continued)

Page 3 of 4			
<b>FOR SYNCHRONOUS MACHINES</b>			
<b>NOTE: Contact utility to determine if all the information requested in this section is required for the proposed distributed generation facility.</b>			
Manufacturer			
Model No.		Version No.	Submit Copies of the Saturation Curve and the Vee Curve <input type="checkbox"/> Salient <input type="checkbox"/> Non-Salient
Torque ( <i>lb-ft</i> )	Rated RPM	Field Amperes _____ at rated generator voltage and current and _____ % PF over-excited	
Type of Exciter		Output Power of Exciter	Type of Voltage Regulator
Locked Rotor Current ( <i>Amps</i> )	Synchronous Speed ( <i>RPM</i> )	Winding Connection	Minimum Operating Frequency/Time
Generator Connection _____ Delta _____ Wye _____ Wye Grounded			
Direct-axis Synchronous Reactance ( $X_d$ ) ( <i>ohms</i> )	Direct-axis Transient Reactance ( $X'd$ ) ( <i>ohms</i> )		Direct-axis Sub-transient Reactance ( $X''d$ ) ( <i>ohms</i> )
Negative Sequence Reactance ( <i>ohms</i> )	Zero Sequence Reactance ( <i>ohms</i> )		Natural Impedance or Grounding Resister ( <i>if any</i> ) ( <i>ohms</i> )
<b>FOR INDUCTION MACHINES</b>			
<b>NOTE: Contact utility to determine if all the information requested in this section is required for the proposed distributed generation facility.</b>			
Manufacturer			
Model No.		Version No.	Locked Rotor Current ( <i>Amps</i> )
Rotor Resistance ( $R_r$ ) ( <i>ohms</i> )	Exciting Current (Amps)		Rotor Resistance ( $X_r$ ) ( <i>ohms</i> ) Reactive Power Required
Magnetizing Reactance ( $X_m$ ) ( <i>ohms</i> )	VARS ( <i>No load</i> )		Stator Resistance ( $R_s$ ) ( <i>ohms</i> ) VARS ( <i>Full load</i> )
Stator Resistance ( $X_s$ ) ( <i>ohms</i> )	Short Circuit Reactance ( $X''d$ ) ( <i>ohms</i> )	Phases <input type="checkbox"/> Single Phase <input type="checkbox"/> Three Phase	
Frame Size	Design Letter		Temp. Rise (°C)

Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

**Interstate Power and Light Company**

**ELECTRIC TARIFF**

Filed with the I. U. B.

Original Sheet No. 307

**ORIGINAL TARIFF NO. 1**

**GENERAL RULES AND REGULATIONS  
FOR ELECTRIC SERVICE  
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**14.09 LEVELS 2 TO 4: STANDARD APPLICATION FORM: (Continued)**

REVERSE POWER RELAY INFORMATION (LEVEL 3 REVIEW ONLY)			
Manufacturer _____			
Relay Type _____		Model No. _____	
Reverse Power Setting _____		Reverse Power Time Delay <i>(if any)</i> _____	
*ADDITIONAL INFORMATION FOR INVERTER-BASED FACILITIES			
Inverter Information			
Manufacturer _____		Model _____	
Type <input type="checkbox"/> Forced Commutated <input type="checkbox"/> Line Commutated		Rated Output _____ Watts    _____ Volts	
Efficiency _____ %	Power Factor _____ %	Inverter UL1741 Listed <input type="checkbox"/> Yes <input type="checkbox"/> No	
DC Source/Prime Mover			
Rating _____ (kW)	Rating _____ (kVA)	Rated Voltage _____ Volts	Open Circuit Voltage <i>(if applicable)</i> _____ Volts
Rated Current _____ Amps		Short Circuit Current <i>(if applicable)</i> _____ Amps	

ECRM514868 08/10

Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

# Interstate Power and Light Company ELECTRIC TARIFF

Filed with the I. U. B.

## ORIGINAL TARIFF NO. 1

First Revised Sheet No. 308

Cancelling Original Sheet No. 308

### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

#### 14.09 LEVELS 2 TO 4: STANDARD APPLICATION FORM: (Continued)

Page 4 of 4

*OTHER FACILITY INFORMATION	
One Line Diagram - A basic drawing of an electric circuit in which one or more conductors are represented by a single line and each electrical device and major component of the installation, from the generator to the point of interconnection, are noted by symbols.	
One Line Diagram attached	<input type="checkbox"/> YES
Plot Plan - A map or sketch showing the distributed generation facility's location in relation to streets, alleys, or other geographic markers (e.g. section pin, corner pin, buildings, permanent structures, etc.).	
Plot Plan attached	<input type="checkbox"/> YES
*CUSTOMER SIGNATURE	
I hereby certify that all of the information provided in this Interconnection Request Application Form is true.	
Applicant Signature (signature must reflect Contact Name under section Interconnection Applicant Contact Information)	
Date	
Printed Name	Title
An application fee is required before the application can be processed. Please verify that the appropriate fee is included with the application (see page 2).	
Amount \$ _____	
FOR ALLIANT ENERGY USE ONLY	
Date Received	Project ID
Date into DR DB	Assigned DE
UTILITY ACKNOWLEDGEMENT	
Receipt of application fee is acknowledged and this interconnection request is complete.	
Utility Signature	
Date	
Printed Name	Title

ECRM404182 REV. 9/05/15

**Alliant Energy  
Renewable Hotline GO-8  
P.O. Box 351  
Cedar Rapids, IA 52406-0351**

**Distributed Resources  
8:00 a.m.-4:30 p.m., Monday-Friday  
1-800-972-5325  
Fax: 608-458-1155  
sellmypower@alliantenergy.com  
alliantenergy.com/sellmypower**

Date Issued: July 29, 2015

By: Jason P. Nielsen – Manager, Regulatory Affairs

Effective Date: August 9, 2015



# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I. U. B.

Original Sheet No. 309

### ORIGINAL TARIFF NO. 1

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#### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT:

##### LEVELS 2 TO 4 STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less)

This agreement ("Agreement") is made and entered into this \_\_\_\_ day of \_\_\_\_\_, by and between \_\_\_\_\_ ("interconnection customer"), as an individual person, or as a \_\_\_\_\_ organized and existing under the laws of the State of \_\_\_\_\_, and **Interstate Power and Light Company**, ("IPL"), an Iowa corporation existing under the laws of the State of Iowa. Interconnection customer and IPL each may be referred to as a "Party," or collectively as the "Parties."

#### Recitals:

Whereas, interconnection customer is proposing to install or direct the installation of a distributed generation facility, or is proposing a generating capacity addition to an existing distributed generation facility, consistent with the interconnection request application form completed by interconnection customer on \_\_\_\_\_; and

Whereas, the interconnection customer will operate and maintain, or cause the operation and maintenance of, the distributed generation facility; and

Whereas, interconnection customer desires to interconnect the distributed generation facility with IPL's electric distribution system.

Now, therefore, in consideration of the premises and mutual covenants set forth in this Agreement, the Parties covenant and agree as follows:

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Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I. U. B.

Original Sheet No. 310

### ORIGINAL TARIFF NO. 1

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#### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)

##### Article 1.     **Scope and Limitations of Agreement**

- 1.1     This Agreement shall be used for all approved interconnection requests for distributed generation facilities that fall under Levels 2, 3, and 4 according to the procedures set forth in Iowa Utilities Board Chapter 45 rules on Electric Interconnection of Distributed Generation Facilities (199 IAC 45).
- 1.2     This Agreement governs the terms and conditions under which the distributed generation facility will interconnect to, and operate in parallel with, the IPL's electric distribution system.
- 1.3     This Agreement does not constitute an agreement to purchase or deliver the interconnection customer's power.
- 1.4     Nothing in this Agreement is intended to affect any other agreement between IPL and the interconnection customer.
- 1.5     Terms used in this agreement are defined in **Attachment 1** hereto or in Iowa Utilities Board Chapter 45 rules on Electric Interconnection of Distributed Generation Facilities (199 IAC 45.1) unless otherwise noted.
- 1.6     Responsibilities of the Parties
  - 1.6.1    The Parties shall perform all obligations of this Agreement in accordance with all applicable laws, regulations, codes, ordinances, orders, or similar directives of any government or other authority having jurisdiction.
  - 1.6.2    IPL shall construct, own, operate, and maintain its interconnection facilities in accordance with this Agreement.
  - 1.6.3    The interconnection customer shall construct, own, operate, and maintain its distributed generation facility and interconnection facilities in accordance with this Agreement.

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Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

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**GENERAL RULES AND REGULATIONS  
FOR ELECTRIC SERVICE  
FORMS AND AGREEMENTS**

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**14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)**

1.6.4 Each Party shall operate, maintain, repair, and inspect, and shall be fully responsible for, the facilities that it now or subsequently may own unless otherwise specified in the **attachments** to this Agreement. Each Party shall be responsible for the safe installation, maintenance, repair, and condition of its respective lines and appurtenances on its respective sides of the point of interconnection.

1.6.5 The interconnection customer agrees to design, install, maintain, and operate its distributed generation facility so as to minimize the likelihood of causing an adverse system impact on the electric distribution system or any other electric system that is not owned or operated by IPL.

1.7 Parallel Operation Obligations

Once the distributed generation facility has been authorized to commence parallel operation, the interconnection customer shall abide by all operating procedures established in IEEE Standard 1547 and any other applicable laws, statutes or guidelines, including those specified in **Attachment 4** of this Agreement.

1.8 Metering

The interconnection customer shall be responsible for the cost to purchase, install, operate, maintain, test, repair, and replace metering and data acquisition equipment specified in **Attachments 5 and 6** of this Agreement.

1.9 Reactive Power

1.9.1 Interconnection customers with a distributed generation facility larger than or equal to 1 MVA shall design their distributed generation facilities to maintain a power factor at the point of interconnection between .95 lagging and .95 leading at all times. Interconnection customers with a distributed generation facility smaller than 1 MVA shall design their distributed generation facility to maintain a power factor at the point of interconnection between .90 lagging and .90 leading at all times.

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I. U. B.

Original Sheet No. 312

### ORIGINAL TARIFF NO. 1

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#### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)

1.9.2 Any IPL requirements for meeting a specific voltage or specific reactive power schedule as a condition for interconnection shall be clearly specified in **Attachment 4**. Under no circumstance shall IPL's additional requirements for voltage or reactive power schedules be outside of the agreed-upon operating parameters defined in **Attachment 4**.

1.9.3 If the interconnection customer does not operate the distributed generation facility within the power factor range specified in **Attachment 4**, or does not operate the distributed generation facility in accordance with a voltage or reactive power schedule specified in **Attachment 4**, the interconnection customer is in default, and the terms of Article 6.5 apply.

#### 1.10 Standards of Operations

The interconnection customer must obtain all certifications, permits, licenses, and approvals necessary to construct, operate, and maintain the facility and to perform its obligations under this Agreement. The interconnection customer is responsible for coordinating and synchronizing the distributed generation facility with IPL's system. The interconnection customer is responsible for any damage that is caused by the interconnection customer's failure to coordinate or synchronize the distributed generation facility with the electric distribution system. The interconnection customer agrees to be primarily liable for any damages resulting from the continued operation of the distributed generation facility after IPL ceases to energize the line section to which the distributed generation facility is connected. In **Attachment 4**, IPL shall specify the shortest reclose time setting for its protection equipment that could affect the distributed generation facility. IPL shall notify the interconnection customer at least 10 business days prior to adopting a faster reclose time on any automatic protective equipment, such as a circuit breaker or line recloser, that might affect the distributed generation facility.

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Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

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**GENERAL RULES AND REGULATIONS  
FOR ELECTRIC SERVICE  
FORMS AND AGREEMENTS**

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**14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)**

**Article 2. Inspection, Testing, Authorization, and Right of Access**

**2.1 Equipment Testing and Inspection**

The interconnection customer shall test and inspect its distributed generation facility including the interconnection equipment prior to interconnection in accordance with IEEE Standard 1547 (2003) and IEEE Standard 1547.1 (2005). The interconnection customer shall not operate its distributed generation facility in parallel with IPL's electric distribution system without prior written authorization by IPL as provided for in Articles 2.1.1-2.1.3.

2.1.1 IPL shall perform a witness test after construction of the distributed generation facility is completed, but before parallel operation, unless IPL specifically waives the witness test. The interconnection customer shall provide IPL at least 15 business days notice of the planned commissioning test for the distributed generation facility. If IPL performs a witness test at a time that is not concurrent with the commissioning test, it shall contact the interconnection customer to schedule the witness test at a mutually agreeable time within 10 business days after the scheduled commissioning test designated on the application. If IPL does not perform the witness test within 10 business days after the commissioning test, the witness test is deemed waived unless the Parties mutually agree to extend the date for scheduling the witness test, or unless IPL cannot do so for good cause, in which case, the Parties shall agree to another date for scheduling the test within 10 business days after the original scheduled date. If the witness test is not acceptable to IPL, the interconnection customer has 30 business days to address and resolve any deficiencies. This time period may be extended upon agreement in writing between IPL and the interconnection customer. If the interconnection customer fails to address and resolve the deficiencies to the satisfaction of IPL, the applicable cure provisions of Article 6.5 shall apply. The interconnection customer shall, if requested by IPL, provide a copy of all documentation in its possession regarding testing conducted pursuant to IEEE Standard 1547.1.

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**GENERAL RULES AND REGULATIONS  
FOR ELECTRIC SERVICE  
FORMS AND AGREEMENTS**

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**14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)**

2.1.2 If the interconnection customer conducts interim testing of the distributed generation facility prior to the witness test, the interconnection customer shall obtain permission from IPL before each occurrence of operating the distributed generation facility in parallel with the electric distribution system. IPL may, at its own expense, send qualified personnel to the distributed generation facility to observe such interim testing, but it cannot mandate that these tests be considered in the final witness test. IPL is not required to observe the interim testing or precluded from requiring the tests be repeated at the final witness test.

2.1.3 After the distributed generation facility passes the witness test, IPL shall affix an authorized signature to the certificate of completion and return it to the interconnection customer approving the interconnection and authorizing parallel operation. The authorization shall not be conditioned or delayed.

2.2 Commercial Operation

The interconnection customer shall not operate the distributed generation facility, except for interim testing as provided in Article 2.1, until such time as the certificate of completion is signed by all Parties.

2.3 Right of Access

IPL must have access to the isolation device or disconnect switch and metering equipment of the distributed generation facility at all times. When practical, IPL shall provide notice to the customer prior to using its right of access.

**Article 3. Effective Date, Term, Termination, and Disconnection**

3.1 Effective Date

This Agreement shall become effective upon execution by all Parties.

3.2 Term of Agreement

This Agreement shall become effective on the effective date and shall remain in effect unless terminated in accordance with Article 3.3 of this Agreement.

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**GENERAL RULES AND REGULATIONS  
FOR ELECTRIC SERVICE  
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**14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)**

3.3 Termination

- 3.3.1 The interconnection customer may terminate this Agreement at any time by giving IPL 30 calendar days prior written notice.
- 3.3.2 Either Party may terminate this Agreement after default pursuant to Article 6.5.
- 3.3.3 IPL may terminate, upon 60 calendar days' prior written notice, for failure of the interconnection customer to complete construction of the distributed generation facility within 12 months after the in-service date as specified by the Parties in **Attachment 2**, which may be extended by mutual written agreement between the Parties prior to the expiration of the 12-month period.
- 3.3.4 IPL may terminate this Agreement, upon 60 calendar days' prior written notice, if the interconnection customer has abandoned, cancelled, permanently disconnected or stopped development, construction, or operation of the distributed generation facility, or if the interconnection customer fails to operate the distributed generation facility in parallel with IPL's electric system for three consecutive years.
- 3.3.5 Upon termination of this Agreement, the distributed generation facility will be disconnected from IPL's electric distribution system. Terminating this Agreement does not relieve either Party of its liabilities and obligations that are owed or continuing when the Agreement is terminated.
- 3.3.6 If the Agreement is terminated, the interconnection customer loses its position in the interconnection review order.

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**GENERAL RULES AND REGULATIONS  
FOR ELECTRIC SERVICE  
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**14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)**

3.4 Temporary Disconnection

A Party may temporarily disconnect the distributed generation facility from the electric distribution system in the event one or more of the following conditions or events occurs:

3.4.1 Emergency conditions – Shall mean any condition or situation: (1) that in the judgment of the Party making the claim is likely to endanger life or property; or (2) that IPL determines is likely to cause an adverse system impact, or is likely to have a material adverse effect on IPL's electric distribution system, interconnection facilities or other facilities, or is likely to interrupt or materially interfere with the provision of electric utility service to other customers; or (3) that is likely to cause a material adverse effect on the distributed generation facility or the interconnection equipment. Under emergency conditions, IPL or the interconnection customer may suspend interconnection service and temporarily disconnect the distributed generation facility from the electric distribution system without giving notice to the other Party, provided that it gives notice as soon as practicable thereafter. IPL must notify the interconnection customer when it becomes aware of any conditions that might affect the interconnection customer's operation of the distributed generation facility. The interconnection customer shall notify IPL when it becomes aware of any condition that might affect IPL's electric distribution system. To the extent information is known, the notification shall describe the condition, the extent of the damage or deficiency, the expected effect on the operation of both Parties' facilities and operations, its anticipated duration, and the necessary corrective action.

3.4.2 Scheduled maintenance, construction, or repair – IPL may interrupt interconnection service or curtail the output of the distributed generation facility and temporarily disconnect the distributed generation facility from IPL's electric distribution system when necessary for scheduled maintenance, construction, or repairs on IPL's electric distribution system. To the extent possible, IPL shall provide the interconnection customer with notice five business days before an interruption. IPL shall coordinate the reduction or temporary disconnection with the interconnection customer; however, the interconnection customer is responsible for out-of-pocket costs incurred by IPL for deferring or rescheduling maintenance, construction, or repair at the interconnection customer's request.



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**GENERAL RULES AND REGULATIONS  
FOR ELECTRIC SERVICE  
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**14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)**

- 3.4.3 Forced outages – IPL may suspend interconnection service to repair IPL’s electric distribution system. IPL shall provide the interconnection customer with prior notice, if possible. If prior notice is not possible, IPL shall, upon written request, provide the interconnection customer with written documentation, after the fact, explaining the circumstances of the disconnection.
- 3.4.4 Adverse system impact – IPL must provide the interconnection customer with written notice of its intention to disconnect the distributed generation facility, if IPL determines that operation of the distributed generation facility creates an adverse system impact. The documentation that supports IPL’s decision to disconnect must be provided to the interconnection customer. IPL may disconnect the distributed generation facility if, after receipt of the notice, the interconnection customer fails to remedy the adverse system impact within 12 days, unless emergency conditions exist, in which case, the provisions of Article 3.4.1 apply. IPL may continue to leave the generating facility disconnected until the adverse system impact is corrected to the satisfaction of both IPL and the adversely-impacted customer.
- 3.4.5 Modification of the distributed generation facility – The interconnection customer must receive written authorization from IPL prior to making any change to the distributed generation facility, other than a minor equipment modification. If the interconnection customer modifies its facility without IPL’s prior written authorization, IPL has the right to disconnect the distributed generation facility until such time as IPL concludes the modification poses no threat to the safety or reliability of its electric distribution system.
- 3.4.6 Unauthorized connection to IPL’s electric distribution system.
- 3.4.7 Failure of the distributed generation facility to operate in accordance with this Agreement or the applicable requirements of 199 IAC Chapters 15 or 45.
- 3.4.8 IPL is not responsible for any lost opportunity or other costs incurred by interconnection customer as a result of an interruption of service under Article 3.

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**GENERAL RULES AND REGULATIONS  
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**14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)**

**Article 4. Cost Responsibility for Interconnection Facilities and Distribution Upgrades**

4.1 Interconnection Facilities

4.1.1 The interconnection customer shall pay for the cost of the interconnection facilities itemized in **Attachment 3**. IPL shall identify the additional interconnection facilities necessary to interconnect the distributed generation facility with IPL's electric distribution system, the cost of those facilities, and the time required to build and install those facilities, as well as an estimated date of completion of the building or installation of those facilities.

4.1.2 The interconnection customer is responsible for its expenses, including overheads, associated with owning, operating, maintaining, repairing, and replacing its interconnection equipment.

4.2 Distribution Upgrades

IPL shall design, procure, construct, install, and own any distribution upgrades. The actual cost of the distribution upgrades, including overheads, shall be directly assigned to the interconnection customer whose distributed generation facility caused the need for the distribution upgrades.

**Article 5. Billing, Payment, Milestones, and Financial Security**

5.1 Billing and Payment Procedures and Final Accounting (Applies to additional reviews conducted under a Level 2 review and Level 4 reviews)

5.1.1 IPL shall bill the interconnection customer for the design, engineering, construction, and procurement costs of IPL-provided interconnection facilities and distribution upgrades contemplated by this Agreement as set forth in **Attachment 3**. The billing shall occur on a monthly basis, or as otherwise agreed to between the Parties. The interconnection customer shall pay each billing invoice within 30 calendar days after receipt, or as otherwise agreed to between the Parties, if a balance due is showing after any customer deposit funds have been expended.

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**GENERAL RULES AND REGULATIONS  
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**14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)**

5.1.2 Within 90 calendar days after completing the construction and installation of IPL's interconnection facilities and distribution upgrades described in **Attachments 2 and 3** to this Agreement, IPL shall provide the interconnection customer with a final accounting report of any difference between: (1) the actual cost incurred to complete the construction and installation of IPL's interconnection facilities and distribution upgrades; and (2) the interconnection customer's previous deposit and aggregate payments to IPL for the interconnection facilities and distribution upgrades. If the interconnection customer's cost responsibility exceeds its previous deposit and aggregate payments, IPL shall invoice the interconnection customer for the amount due and the interconnection customer shall make payment to IPL within 30 calendar days. If the interconnection customer's previous deposit and aggregate payments exceed its cost responsibility under this Agreement, IPL shall refund to the interconnection customer an amount equal to the difference within 30 calendar days after the final accounting report. Upon request from the interconnection customer, if the difference between the budget estimate and the actual cost exceeds 20%, IPL will provide a written explanation for the difference.

5.1.3 If a Party disputes any portion of its payment obligation pursuant to this Article 5, the Party shall pay in a timely manner all non-disputed portions of its invoice, and the disputed amount shall be resolved pursuant to the dispute resolution provisions contained in Article 8. A Party disputing a portion of an Article 5 payment shall not be considered to be in default of its obligations under this Article.

**5.2 Interconnection Customer Deposit**

At least 20 business days prior to the commencement of the design, procurement, installation, or construction of IPL's interconnection facilities and distribution upgrades, the interconnection customer shall provide IPL with a deposit equal to 100% of the estimated, nonbinding cost to procure, install, or construct any such facilities. However, when the estimated date of completion of the building or installation of facilities exceeds three months from the date of payment of the deposit, pursuant to Article 4.1.1 of this Agreement, this deposit may be held by IPL and will accrue interest in accordance with 199 IAC 20.4(4), with any interest to inure to the benefit of the interconnection customer.

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**14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)**

**Article 6. Assignment, Limitation on Damages, Indemnity, Force Majeure, and Default**

6.1 Assignment

This Agreement may be assigned by either Party with the prior consent of the other Party. If the interconnection customer attempts to assign this Agreement, the assignee must agree to the terms of this Agreement in writing and such writing must be provided to IPL. Any attempted assignment that violates this Article is void and ineffective. Assignment shall not relieve a Party of its obligations, nor shall a Party's obligations be enlarged, in whole or in part, by reason of the assignment. An assignee is responsible for meeting the same obligations as the assignor.

6.1.1 Either Party may assign this Agreement without the consent of the other Party to any affiliate (including mergers, consolidations, or transfers or a sale of a substantial portion of the Party's assets, between the Party and another entity), of the assigning Party that has an equal or greater credit rating and the legal authority and operational ability to satisfy the obligations of the assigning Party under this Agreement.

6.1.2 The interconnection customer can assign this Agreement, without the consent of IPL, for collateral security purposes to aid in providing financing for the distributed generation facility.

6.2 Limitation on Damages

Except for cases of gross negligence or willful misconduct, the liability of any Party to this Agreement shall be limited to direct actual damages, including death, bodily injury, third party claims, and reasonable attorney's fees, and all other damages at law are waived. Under no circumstances, except for cases of gross negligence or willful misconduct, shall any Party or its directors, officers, employees, and agents, or any of them, be liable to another Party, whether in tort, contract, or other basis in law or equity for any special, indirect, punitive, exemplary, or consequential damages, including lost profits, lost revenues, replacement power, cost of capital, or replacement equipment. This limitation on damages shall not affect any Party's rights to obtain equitable relief, including specific performance, as otherwise provided in this Agreement. The provisions of this Article 6.2 shall survive the termination or expiration of the Agreement.

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**GENERAL RULES AND REGULATIONS  
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**14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)**

6.3 Indemnity

- 6.3.1 This provision protects each Party from liability incurred as a result of carrying out the provisions of this Agreement. Liability under this provision is exempt from the general limitations on liability found in Article 6.2.
- 6.3.2 The interconnection customer shall indemnify and defend IPL and IPL's directors, officers, employees, and agents, from all claims, damages, and expenses, including reasonable attorney's fees, to the extent resulting from the interconnection customer's negligent installation, operation, modification, maintenance, or removal of its distributed generation facility or interconnection facilities, or the interconnection customer's willful misconduct or breach of this Agreement.
- 6.3.3 IPL shall indemnify and defend the interconnection customer and the interconnection customer's directors, officers, employees, and agents from all claims, damages, and expenses, including reasonable attorney's fees, to the extent resulting from IPL's negligent installation, operation, modification, maintenance, or removal of its interconnection facilities or electric distribution system, or IPL's willful misconduct or breach of this Agreement.
- 6.3.4 Within 5 business days after receipt by an indemnified Party of any claim or notice that an action or administrative or legal proceeding or investigation as to which the indemnity provided for in this Article may apply has commenced, the indemnified Party shall notify the indemnifying Party of such fact. The failure to notify, or a delay in notification, shall not affect a Party's indemnification obligation unless that failure or delay is materially prejudicial to the indemnifying Party.
- 6.3.5 If an indemnified Party is entitled to indemnification under this Article as a result of a claim, and the indemnifying Party fails, after notice and reasonable opportunity to proceed under this Article, to assume the defense of such claim, that indemnified Party may, at the expense of the indemnifying Party, contest, settle, or consent to the entry of any judgment with respect to, or pay in full, the claim.

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**GENERAL RULES AND REGULATIONS  
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**14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)**

6.3.6 If an indemnifying Party is obligated to indemnify and hold any indemnified Party harmless under this Article, the amount owing to the indemnified person shall be the amount of the indemnified Party's actual loss, net of any insurance or other recovery by the indemnified party.

6.4 Force Majeure

6.4.1 As used in this Article, a force majeure event shall mean any act of God, labor disturbance, act of the public enemy, war, acts of terrorism, insurrection, riot, fire, storm or flood, explosion, breakage, or accident to machinery or equipment through no direct, indirect, or contributory act of a Party, any order, regulation or restriction imposed by governmental, military, or lawfully established civilian authorities (e.g., MISO), or any other cause beyond a Party's control. A force majeure event does not include an act of gross negligence or intentional wrongdoing by the Party claiming force majeure.

6.4.2 If a force majeure event prevents a Party from fulfilling any obligations under this Agreement, the Party affected by the force majeure event ("Affected Party") shall notify the other Party of the existence of the force majeure event as soon as reasonably possible. The notification will specify the circumstances of the force majeure event, its expected duration (if known), and the steps that the Affected Party is taking and will take to mitigate the effects of the event on its performance (if known). If the initial notification is verbal, it must be followed up with a written notification promptly thereafter. The Affected Party shall keep the other Party informed on a periodic basis of developments relating to the force majeure event until the event ends. The Affected Party may suspend or modify its obligations under this Agreement without liability only to the extent that the effect of the force majeure event cannot be otherwise mitigated.

6.5 Default

6.5.1 No default shall exist when the failure to discharge an obligation results from a force majeure event as defined in this Agreement, or the result of an act or omission of the other Party.

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**GENERAL RULES AND REGULATIONS  
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**14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)**

- 6.5.2 A Party shall be in default ("Default") of this Agreement if it fails in any material respect to comply with, observe, or perform, or defaults in the performance of, any covenant or obligation under this Agreement and fails to cure the failure within 60 calendar days after receiving written notice from the other Party. Upon a default of this Agreement, the non-defaulting Party shall give written notice of the default to the defaulting Party. Except as provided in Article 6.5.3, the defaulting Party has 60 calendar days after receipt of the default notice to cure the default; provided, however, if the default cannot be cured within 60 calendar days, the defaulting Party shall commence the cure within 20 calendar days after original notice and complete the cure within six months from receipt of the default notice; and, if cured within that time, the default specified in the notice shall cease to exist.
- 6.5.3 If a Party has assigned this Agreement in a manner that is not specifically authorized by Article 6.1, fails to provide reasonable access pursuant to Article 2.3, and is in default of its obligations pursuant to Article 7, or if a Party is in default of its payment obligations pursuant to Article 5 of this Agreement, the defaulting Party has 30 days from receipt of the default notice to cure the default.
- 6.5.4 If a default is not cured as provided for in this Article, or if a default is not capable of being cured within the period provided for in this Article, the non-defaulting Party shall have the right to terminate this Agreement without liability by written notice, and be relieved of any further obligation under this Agreement and, whether or not that Party terminates this Agreement, to recover from the defaulting Party all amounts due under this Agreement, plus all other damages and remedies to which it is entitled at law or in equity. The provisions of this Article shall survive termination of this Agreement.

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I. U. B.

Original Sheet No. 324

### ORIGINAL TARIFF NO. 1

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#### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)

##### Article 7. Insurance

- 7.1 For distributed generation facilities with a nameplate capacity less than 1 MVA, the interconnection customer shall carry general liability insurance coverage, such as, but not limited to, homeowner's insurance.
- 7.2 For distributed generation facilities with a nameplate capacity of 1 MVA or above, the interconnection customer shall carry sufficient insurance coverage so that the maximum comprehensive/general liability coverage that is continuously maintained by the interconnection customer during the term shall be not less than \$2,000,000 for each occurrence, and an aggregate, if any, of at least \$4,000,000. IPL, its officers, employees, and agents shall be added as an additional insured on this policy. The interconnection customer agrees to provide IPL with at least 30 calendar days advance written notice of cancellation, reduction in limits, or non-renewal of any insurance policy required by this Article.

##### Article 8. Dispute Resolution

- 8.1 Parties shall attempt to resolve all disputes regarding interconnection as provided in this Article in a good faith manner.
- 8.2 If there is a dispute between the Parties about an interpretation of the Agreement, the aggrieved Party shall issue a written notice to the other Party to the agreement that specifies the dispute and the Agreement articles that are disputed.
- 8.3 A meeting between the Parties shall be held within ten business days after receipt of the written notice. Persons with decision-making authority from each Party shall attend the meeting. If the dispute involves technical issues, persons with sufficient technical expertise and familiarity with the issue in dispute from each Party shall also attend the meeting. If the Parties agree, the meeting may be conducted by teleconference.
- 8.4 After the first meeting, each Party may seek resolution through the Iowa Utilities Board Chapter 6 complaint procedures (199 IAC 6). Dispute resolution under these procedures will initially be conducted informally under 199 IAC 6.2 through 6.4 to minimize cost and delay. If any party is dissatisfied with the outcome of the informal process, they may file a formal complaint with the Board under 199 IAC 6.5.

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Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs



# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I. U. B.

Original Sheet No. 325

### ORIGINAL TARIFF NO. 1

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#### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)

- 8.5 Pursuit of dispute resolution may not affect an interconnection request or an interconnection applicant's position in IPL's interconnection review order.
- 8.6 If the Parties fail to resolve their dispute under the dispute resolution provisions of this Article, nothing in this Article shall affect any Party's rights to obtain equitable relief, including specific performance, as otherwise provided in this Agreement.

#### **Article 9. Miscellaneous**

##### 9.1 Governing Law, Regulatory Authority, and Rules

The validity, interpretation and enforcement of this Agreement and each of its provisions shall be governed by the laws of the State of Iowa, without regard to its conflicts of law principles. This Agreement is subject to all applicable laws and regulations. Each Party expressly reserves the right to seek change in, appeal, or otherwise contest any laws, orders, or regulations of a governmental authority. The language in all parts of this Agreement shall in all cases be construed as a whole, according to its fair meaning, and not strictly for or against IPL or interconnection customer, regardless of the involvement of either Party in drafting this Agreement.

##### 9.2 Amendment

Modification of this Agreement shall be only by a written instrument duly executed by both Parties.

##### 9.3 No Third-Party Beneficiaries

This Agreement is not intended to and does not create rights, remedies, or benefits of any character whatsoever in favor of any persons, corporations, associations, or entities other than the Parties, and the obligations in this Agreement assumed are solely for the use and benefit of the Parties, their successors in interest and, where permitted, their assigns.

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Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

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**GENERAL RULES AND REGULATIONS  
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**14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)**

9.4 Waiver

9.4.1 Except as otherwise provided in this Agreement, a Party's compliance with any obligation, covenant, agreement, or condition in this Agreement may be waived by the Party entitled to the benefits thereof only by a written instrument signed by the Party granting the waiver, but the waiver or failure to insist upon strict compliance with the obligation, covenant, agreement, or condition shall not operate as a waiver of, or estoppel with respect to, any subsequent or other failure.

9.4.2. Failure of any Party to enforce or insist upon compliance with any of the terms or conditions of this Agreement, or to give notice or declare this Agreement or the rights under this Agreement terminated, shall not constitute a waiver or relinquishment of any rights set out in this Agreement, but the same shall be and remain at all times in full force and effect, unless and only to the extent expressly set forth in a written document signed by that Party granting the waiver or relinquishing any such rights. Any waiver granted, or relinquishment of any right, by a Party shall not operate as a relinquishment of any other rights or a waiver of any other failure of the Party granted the waiver to comply with any obligation, covenant, agreement, or condition of this Agreement.

9.5 Entire Agreement

Except as provided in Article 9.1, this Agreement, including all **attachments** and the completed Standard Certificate of Completion (199 IAC 45.15), constitutes the entire Agreement between the Parties with reference to the subject matter of this Agreement, and supersedes all prior and contemporaneous understandings or agreements, oral or written, between the Parties with respect to the subject matter of this Agreement. There are no other agreements, representations, warranties, or covenants that constitute any part of the consideration for, or any condition to, either Party's compliance with its obligations under this Agreement.

9.6 Multiple Counterparts

This Agreement may be executed in two or more counterparts, each of which is deemed an original, but all constitute one and the same instrument.

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**GENERAL RULES AND REGULATIONS  
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**14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)**

9.7 No Partnership

This Agreement shall not be interpreted or construed to create an association, joint venture, agency relationship, or partnership between the Parties, or to impose any partnership obligation or partnership liability upon either Party. Neither Party shall have any right, power, or authority to enter into any agreement or undertaking for, or act on behalf of, or to act as or be an agent or representative of, or to otherwise bind, the other Party.

9.8 Severability

If any provision or portion of this Agreement shall for any reason be held or adjudged to be invalid or illegal or unenforceable by any court of competent jurisdiction or other governmental authority, (1) that portion or provision shall be deemed separate and independent, (2) the Parties shall negotiate in good faith to restore insofar as practicable the benefits to each Party that were affected by the ruling, and (3) the remainder of this Agreement shall remain in full force and effect.

9.9 Environmental Releases

Each Party shall notify the other Party of the release of any hazardous substances, any asbestos or lead abatement activities, or any type of remediation activities related to the distributed generation facility or the interconnection facilities, each of which may reasonably be expected to affect the other Party. The notifying Party shall (1) provide the notice as soon as practicable, provided that Party makes a good faith effort to provide the notice no later than 24 hours after that Party becomes aware of the occurrence, and (2) promptly furnish to the other Party copies of any publicly available reports filed with any governmental authorities addressing such events.

9.10 Subcontractors

Nothing in this Agreement shall prevent a Party from using the services of any subcontractor it deems appropriate to perform its obligations under this Agreement; provided, however, that each Party shall require its subcontractors to comply with all applicable terms and conditions of this Agreement in providing services and each Party shall remain primarily liable to the other Party for the performance of the subcontractor.

**Interstate Power and Light Company**

**ELECTRIC TARIFF**

Filed with the I. U. B.

Original Sheet No. 328

**ORIGINAL TARIFF NO. 1**

**GENERAL RULES AND REGULATIONS  
FOR ELECTRIC SERVICE  
FORMS AND AGREEMENTS**

**14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)**

9.10.1 A subcontract relationship does not relieve any Party of any of its obligations under this Agreement. The hiring Party remains responsible to the other Party for the acts or omissions of its subcontractor. Any applicable obligation imposed by this Agreement upon the hiring Party shall be equally binding upon, and shall be construed as having application to, any subcontractor of the hiring Party.

9.10.2 The obligations under this Article cannot be limited in any way by any limitation of subcontractor's insurance.

**Article 10. Notices**

10.1 General

Unless otherwise provided in this Agreement, any written notice, demand, or request required or authorized in connection with this Agreement ("Notice") shall be deemed properly given if delivered in person, delivered by recognized national courier service, or sent by first class mail, postage prepaid, to the person specified below:

If Notice is to Interconnection Customer:

Interconnection Customer: \_\_\_\_\_

Attention: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_ Fax :( \_\_\_\_\_ ) \_\_\_\_\_

E-mail: \_\_\_\_\_

**Interstate Power and Light Company**

**ELECTRIC TARIFF**

Filed with the I. U. B.

First Revised Sheet No. 329

**ORIGINAL TARIFF NO. 1**

Cancelling Original Sheet No. 329

**GENERAL RULES AND REGULATIONS  
FOR ELECTRIC SERVICE  
FORMS AND AGREEMENTS**

**14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION  
AGREEMENT: (Continued)**

If Notice is to IPL:

**Alliant Energy  
Renewable Hotline GO-8  
PO Box 351  
Cedar Rapids, Iowa 52406-0351  
1-800-972-5325  
Fax: 608-458-1155  
E-mail: [sellmypower@alliantenergy.com](mailto:sellmypower@alliantenergy.com)**

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Alternative Forms of Notice:

Any notice or request required or permitted to be given by either Party to the other Party and not required by this Agreement to be in writing may be given by telephone, facsimile or e-mail to the telephone numbers and e-mail addresses set out above.

**10.2 Billing and Payment**

Billings and payments shall be sent to the contacts specified for Notices in Article 10.1 above, unless a different address is set out below:

If Billing or Payment is to Interconnection Customer:

Interconnection Customer: \_\_\_\_\_

Attention: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_ Fax : ( \_\_\_\_\_ ) \_\_\_\_\_

E-mail: \_\_\_\_\_

Date Issued: July 10, 2015

Effective Date: August 9, 2015

By: Jason P. Nielsen – Manager, Regulatory Affairs

**Interstate Power and Light Company**

**ELECTRIC TARIFF**

Filed with the I. U. B.

Original Sheet No. 330

**ORIGINAL TARIFF NO. 1**

**GENERAL RULES AND REGULATIONS  
FOR ELECTRIC SERVICE  
FORMS AND AGREEMENTS**

**14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)**

10.3 Designated Operating Representative

The Parties may also designate operating representatives to conduct the communications that may be necessary or convenient for the administration of this Agreement. This person will also serve as the point of contact with respect to operations and maintenance of the Party's facilities. If no such operating representative is designated below, such notices will be sent to the contacts listed in Article 10.1 above.

Interconnection Customer's Operating Representative:

Interconnection Customer: \_\_\_\_\_

Attention: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_ Fax :( \_\_\_\_\_ ) \_\_\_\_\_

E-mail: \_\_\_\_\_

10.4 Changes to the Notice Information

Either Party may change this notice information by giving five business days written notice before the effective date of the change.

Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

**Interstate Power and Light Company**

**ELECTRIC TARIFF**

Filed with the I. U. B.

Original Sheet No. 331

**ORIGINAL TARIFF NO. 1**

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**GENERAL RULES AND REGULATIONS  
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**14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)**

**Article 11. Signatures**

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their respective duly authorized representatives.

For the Interconnection Customer:

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

For IPL:

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I. U. B.

Original Sheet No. 332

### ORIGINAL TARIFF NO. 1

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#### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)

##### ATTACHMENT 1

Levels 2 To 4: Standard Interconnection Agreement

##### Definitions

Adverse system impact – A negative effect that compromises the safety or reliability of the electric distribution system or materially affects the quality of electric service provided by the utility to other customers.

AEP facility – An AEP facility as defined in 199 IAC 15 (Iowa Utilities Board Chapter 15 rules on Cogeneration and Small Power Production), used by an interconnection customer to generate electricity that operates in parallel with the electric distribution system. An AEP facility typically includes an electric generator and the interconnection equipment required to interconnect safely with the electric distribution system or local electric power system.

Applicable laws and regulations – All duly promulgated applicable federal, state and local laws, regulations, rules, ordinances, codes, decrees, judgments, directives, or judicial or administrative orders, permits and other duly authorized actions of any governmental authority, having jurisdiction over the Parties.

Commissioning test – Tests applied to a distributed generation facility by the applicant after construction is completed to verify that the facility does not create adverse system impacts. At a minimum, the scope of the commissioning tests performed shall include the commissioning test specified IEEE Standard 1547 Section 5.4 "Commissioning tests."

Distributed generation facility – A qualifying facility or an AEP facility.

Distribution upgrades – A required addition or modification to the utility's electric distribution system at or beyond the point of interconnection to accommodate the interconnection of a distributed generation facility. Distribution upgrades do not include interconnection facilities.

Electric distribution system – The facilities and equipment used to transmit electricity to ultimate usage points such as homes and industries from interchanges with higher voltage transmission networks that transport bulk power over longer distances. The voltage levels at which electric distribution systems operate differ among areas but generally carry less than 100 kilovolts of electricity. Electric distribution system has the same meaning as the term Area EPS, as defined in 3.1.6.1 of IEEE Standard 1547.

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Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs



# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I. U. B.

Original Sheet No. 333

### ORIGINAL TARIFF NO. 1

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#### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)

Facilities study – An engineering study conducted by the utility to determine the required modifications to the utility's electric distribution system, including the cost and the time required to build and install the modifications, as necessary to accommodate an interconnection request.

Force majeure event – Any act of God, labor disturbance, act of the public enemy, war, acts of terrorism, insurrection, riot, fire, storm or flood, explosion, breakage, or accident to machinery or equipment through no direct, indirect, or contributory act of a Party, any order, regulation, or restriction imposed by governmental, military, or lawfully established civilian authorities (e.g., MISO), or any other cause beyond a Party's control. A force majeure event does not include an act of gross negligence or intentional wrongdoing by the Party claiming force majeure.

Governmental authority – Any federal, state, local or other governmental regulatory or administrative agency, court, commission, department, board, other governmental subdivision, legislature, rulemaking board, tribunal, or other governmental authority having jurisdiction over the Parties, their respective facilities, or the respective services they provide, and exercising or entitled to exercise any administrative, executive, police, or taxing authority or power; provided, however, that this term does not include the interconnection customer, utility, or any affiliate of either.

IEEE Standard 1547 – The Institute of Electrical and Electronics Engineers, Inc. (IEEE), 3 Park Avenue, New York NY 10016-5997, Standard 1547 (2003), "Standard for Interconnecting Distributed Resources with Electric Power Systems."

IEEE Standard 1547.1 – The IEEE Standard 1547.1 (2005), "Conformance Test Procedures for Equipment Interconnecting Distributed Resources with Electric Power Systems."

Interconnection agreement or Agreement – The agreement between the interconnection customer and the utility. The interconnection agreement governs the connection of the distributed generation facility to the utility's electric distribution system and the ongoing operation of the distributed generation facility after it is connected to the utility's electric distribution system.

Interconnection customer – The entity entering into this Agreement for the purpose of interconnecting a distributed generation facility to the utility's electric distribution system.

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Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I. U. B.

Original Sheet No. 334

### ORIGINAL TARIFF NO. 1

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#### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)

Interconnection equipment – A group of components or an integrated system connecting an electric generator with a local electric power system or an electric distribution system that includes all interface equipment, including switchgear, protective devices, inverters, or other interface devices. Interconnection equipment may be installed as part of an integrated equipment package that includes a generator or other electric source.

Interconnection facilities – Facilities and equipment required by the utility to accommodate the interconnection of a distributed generation facility. Collectively, interconnection facilities include all facilities and equipment between the distributed generation facility and the point of interconnection, including modification, additions, or upgrades that are necessary to physically and electrically interconnect the distributed generation facility to the electric distribution system. Interconnection facilities are sole use facilities and do not include distribution upgrades.

Interconnection request – An interconnection customer's request, on the required form, for the interconnection of a new distributed generation facility, or to increase the capacity or change the operating characteristics of an existing distributed generation facility that is interconnected with the utility's electric distribution system.

Interconnection study – Any of the following studies, as determined to be appropriate by the utility: the interconnection feasibility study, the interconnection system impact study, and the interconnection facilities study.

Iowa standard distributed generation interconnection rules – The most current version of the procedures for interconnecting distributed generation facilities adopted by the Iowa Utilities Board. See Iowa Utilities Board Chapter 45 rules on Electric Interconnection of Distributed Generation Facilities (199 IAC 45).

Parallel operation or Parallel – The state of operation that occurs when a distributed generation facility is connected electrically to the electric distribution system for longer than 100 milliseconds.

Point of interconnection – The point where the distributed generation facility is electrically connected to the electric distribution system. Point of interconnection has the same meaning as the term "point of common coupling" defined in 3.1.13 of IEEE Standard 1547.

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Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

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Filed with the I. U. B.

Original Sheet No. 335

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#### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)

Qualifying facility – A cogeneration facility or a small power production facility that is a qualifying facility under 18 CFR Part 292, Subpart B, used by an interconnection customer to generate electricity that operates in parallel with the electric distribution system. A qualifying facility typically includes an electric generator and the interconnection equipment required to interconnect safely with the electric distribution system or local electric power system.

Utility – Any electric utility that is subject to rate regulation by the Iowa Utilities Board.

Witness test – For lab-certified equipment, verification (either by an on-site observation or review of documents) by the utility that the interconnection installation evaluation required by IEEE Standard 1547 Section 5.3 and the commissioning test required by IEEE Standard 1547 Section 5.4 have been adequately performed. For interconnection equipment that has not been lab-certified, the witness test shall also include verification by the utility of the on-site design tests required by IEEE Standard 1547 Section 5.1 and verification by the utility of production tests required by IEEE Standard 1547 Section 5.2. All tests verified by the utility are to be performed in accordance with the test procedures specified by IEEE Standard 1547.1.

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Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

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Original Sheet No. 336

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#### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)

##### ATTACHMENT 2

Levels 2 To 4: Standard Interconnection Agreement

##### Construction Schedule, Proposed Equipment & Settings

This attachment is to be completed by the interconnection customer and shall include the following:

1. The construction schedule for the distributed generation facility.
2. A one-line diagram indicating the distributed generation facility, interconnection equipment, interconnection facilities, metering equipment, and distribution upgrades.
3. Component specifications for equipment identified in the one-line diagram.
4. Component settings.
5. Proposed sequence of operations.
6. A three-line diagram showing current potential circuits for protective relays.
7. Relay tripping and control schematic diagram.
8. A plot plan showing the distributed generation facility's location in relation to streets, alleys, address or other geographical markers.

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Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

**Interstate Power and Light Company**

**ELECTRIC TARIFF**

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Original Sheet No. 337

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**GENERAL RULES AND REGULATIONS  
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**14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)**

**ATTACHMENT 3**

Levels 2 To 4: Standard Interconnection Agreement

**Description, Costs and Time Required to  
Build and Install IPL's Interconnection Facilities**

This attachment is to be completed by IPL and shall include the following:

1. Required interconnection facilities, including any required metering.
2. An estimate of itemized costs charged by IPL for interconnection, including overheads, based on results from prior studies.
3. An estimate for the time required to build and install IPL's interconnection facilities based on results from prior studies and an estimate of the date upon which the facilities will be completed.

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Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

**Interstate Power and Light Company**

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Original Sheet No. 338

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**GENERAL RULES AND REGULATIONS  
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**14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)**

**ATTACHMENT 4**

Levels 2 To 4: Standard Interconnection Agreement

**Operating Requirements for Distributed Generation Facilities Operating in Parallel**

IPL shall list specific operating practices that apply to this distributed generation interconnection and the conditions under which each listed specific operating practice applies.

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Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

**Interstate Power and Light Company**

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**GENERAL RULES AND REGULATIONS  
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**14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)**

**ATTACHMENT 5**

Levels 2 To 4: Standard Interconnection Agreement

**Monitoring and Control Requirements**

This attachment is to be completed by IPL and shall include the following:

1. IPL's monitoring and control requirements must be specified, along with a reference to IPL's written requirements documents from which these requirements are derived.
2. An internet link to the requirements documents.

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Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

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Original Sheet No. 340

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**14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)**

**ATTACHMENT 6**

Levels 2 To 4: Standard Interconnection Agreement

**Metering Requirements**

This attachment is to be completed by IPL and shall include the following:

1. The metering requirements for the distributed generation facility.
2. Identification of the appropriate metering rules filed with the Iowa Utilities Board under subrule 199 IAC 20.2(5), and inspection and testing practices adopted under rule 199 IAC 20.6 that establish these requirements.
3. An internet link to these rules and practices.

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Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs



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Filed with the I. U. B.

Original Sheet No. 341

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#### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.10 LEVELS 2 TO 4: STANDARD DISTRIBUTED GENERATION INTERCONNECTION AGREEMENT: (Continued)

##### ATTACHMENT 7

Levels 2 To 4: Standard Interconnection Agreement

##### As Built Documents

This attachment is to be completed by the interconnection customer and shall include the following:

When it returns the certificate of completion to IPL, the interconnection customer shall provide IPL with documents detailing the as-built status of the following:

1. A one-line diagram indicating the distributed generation facility, interconnection equipment, interconnection facilities, and metering equipment.
2. Component specifications for equipment identified in the one-line diagram.
3. Component settings.
4. Proposed sequence of operations.
5. A three-line diagram showing current potential circuits for protective relays.
6. Relay tripping and control schematic diagram.

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Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I. U. B.

Original Sheet No. 342

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#### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.11 STANDARD INTERCONNECTION FEASIBILITY STUDY AGREEMENT:

##### INTERCONNECTION FEASIBILITY STUDY AGREEMENT

This agreement ("Agreement") is made and entered into this \_\_\_\_ day of \_\_\_\_\_, by and between \_\_\_\_\_ ("interconnection customer"), as an individual person, or as a \_\_\_\_\_ organized and existing under the laws of the State of \_\_\_\_\_, and **Interstate Power and Light Company**, ("IPL"), an Iowa corporation existing under the laws of the State of Iowa. Interconnection customer and IPL each may be referred to as a "Party," or collectively as the "Parties."

##### **Recitals:**

Whereas, interconnection customer is proposing to develop a distributed generation facility or modify an existing distributed generation facility consistent with the interconnection request application form submitted by interconnection customer on \_\_\_\_\_; and

Whereas, interconnection customer desires to interconnect the distributed generation facility with IPL's electric distribution system; and

Whereas, interconnection customer has requested IPL to perform an interconnection feasibility study to assess the feasibility of interconnecting the proposed distributed generation facility to IPL's electric distribution system;

Now, therefore, in consideration of and subject to the mutual covenants contained herein the Parties agree as follows:

1. All terms defined in Iowa Utilities Board Chapter 45 rules on Electric Interconnection of Distributed Generation Facilities (199 IAC 45.1) shall have the meanings indicated in that rule when used in this Agreement.
2. Interconnection customer elects and IPL shall cause to be performed an interconnection feasibility study consistent with Iowa Utilities Board Chapter 45 rules on Electric Interconnection of Distributed Generation Facilities (199 IAC 45.11).
3. The scope of the interconnection feasibility study shall be based upon the information set forth in the interconnection request application form and **Attachment A** to this Agreement.

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Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

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**GENERAL RULES AND REGULATIONS  
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**14.11 STANDARD INTERCONNECTION FEASIBILITY STUDY AGREEMENT: (Continued)**

4. The interconnection feasibility study shall be based on the technical information provided by interconnection customer in the interconnection request application form, as modified with the written agreement of the Parties. IPL has the right to request additional technical information from interconnection customer during the course of the interconnection feasibility study. If the interconnection customer modifies its interconnection request, the time to complete the interconnection feasibility study may be extended by IPL.
5. In performing the study, IPL shall rely on existing studies of recent vintage to the extent practical. The interconnection customer will not be charged for such existing studies; however, interconnection customer is responsible for the cost of applying any existing study to the interconnection customer specific requirements and for any new study that IPL performs.
6. The interconnection feasibility study report must provide the following information:
  - 6.1 Identification of any equipment short circuit capability limits exceeded as a result of the interconnection,
  - 6.2 Identification of any thermal overload or voltage limit violations resulting from the interconnection, and
  - 6.3 A description and nonbinding estimated cost of facilities required to interconnect the distributed generation facility to IPL's electric distribution system as required under Iowa Utilities Board Chapter 45 rules on Electric Interconnection of Distributed Generation Facilities (199 IAC 45.11(5)"a").
7. Interconnection customer shall provide a study deposit equal to 100% of the estimated nonbinding study costs at least 20 business days prior to the date upon which the study commences.
8. The interconnection feasibility study shall be completed and the results shall be transmitted to interconnection customer within 45 business days after this Agreement is signed by the Parties or the complete study deposit is received by IPL, whichever occurs later. If the interconnection customer's study request involves more than one point of interconnection and configuration, the time to complete the interconnection feasibility study may be extended by IPL.
9. Study fees shall be based on actual costs and will be invoiced to interconnection customer after the study is transmitted to interconnection customer. The invoice must include an itemized listing of employee time and costs expended on the study.
10. Interconnection customer shall pay any actual study costs that exceed the deposit without interest within 30 calendar days on receipt of the invoice. IPL shall refund any excess deposit amount without interest within 30 calendar days after the invoice.

**Interstate Power and Light Company**

**ELECTRIC TARIFF**

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**GENERAL RULES AND REGULATIONS  
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**14.11 STANDARD INTERCONNECTION FEASIBILITY STUDY AGREEMENT: (Continued)**

In witness whereof, the Parties have caused this Agreement to be duly executed by their duly authorized officers or agents on the day and year first above written.

[Insert name of interconnection customer]

Signed: \_\_\_\_\_

Name (Printed): \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Interstate Power and Light Company**

Signed: \_\_\_\_\_

Name (Printed): \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Interstate Power and Light Company**

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**GENERAL RULES AND REGULATIONS  
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**14.11 STANDARD INTERCONNECTION FEASIBILITY STUDY AGREEMENT: (Continued)**

**ATTACHMENT A**

Interconnection Feasibility Study Agreement

**Assumptions Used in Conducting the Interconnection Feasibility Study**

The interconnection feasibility study will be based upon the information in the interconnection request application form, agreed upon on \_\_\_\_\_:

1. Point of interconnection and configuration to be studied.

2. Alternative points of interconnection and configurations to be studied.

Note: 1 and 2 are to be completed by the interconnection customer. Any additional assumptions (explained below) may be provided by either the interconnection customer or IPL.

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Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I. U. B.

Original Sheet No. 346

### ORIGINAL TARIFF NO. 1

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#### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.12 STANDARD INTERCONNECTION SYSTEM IMPACT STUDY AGREEMENT:

##### INTERCONNECTION SYSTEM IMPACT STUDY AGREEMENT

This agreement ("Agreement") is made and entered into this \_\_\_\_ day of \_\_\_\_\_, by and between \_\_\_\_\_ ("interconnection customer"), as an individual person, or as a \_\_\_\_\_ organized and existing under the laws of the State of \_\_\_\_\_, and **Interstate Power and Light Company**, ("IPL"), an Iowa corporation existing under the laws of the State of Iowa. Interconnection customer and IPL each may be referred to as a "Party," or collectively as the "Parties."

##### **Recitals:**

Whereas, interconnection customer is proposing to develop a distributed generation facility or modifying an existing distributed generation facility consistent with the **interconnection request application form** completed by interconnection customer on \_\_\_\_\_; and

Whereas, interconnection customer desires to interconnect the distributed generation facility to IPL's electric distribution system; and

Whereas, IPL has completed an interconnection feasibility study and provided the results of said study to interconnection customer (this recital to be omitted if the Parties have agreed to forego the interconnection feasibility study); and

Whereas, interconnection customer has requested IPL to perform an interconnection system impact study to assess the impact of interconnecting the distributed generation facility to IPL's electric distribution system;

Now, therefore, in consideration of and subject to the mutual covenants contained herein the Parties agree as follows:

1. All terms defined in Iowa Utilities Board Chapter 45 rules on Electric Interconnection of Distributed Generation Facilities (199 IAC 45.1) shall have the meanings indicated in that rule when used in this Agreement.
2. Interconnection customer elects and IPL shall cause to be performed an interconnection system impact study consistent with Iowa Utilities Board Chapter 45 rules on Electric Interconnection of Distributed Generation Facilities (199 IAC 45.11).
3. The scope of the interconnection system impact study shall be based upon the information set forth in the **interconnection request application form** and in **Attachment A** to this Agreement.

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Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

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**GENERAL RULES AND REGULATIONS  
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**14.12 STANDARD INTERCONNECTION SYSTEM IMPACT STUDY AGREEMENT: (Continued)**

4. The interconnection system impact study shall be based upon the **interconnection feasibility study** and the technical information provided by interconnection customer in the **interconnection request application form**. IPL reserves the right to request additional technical information from interconnection customer. If interconnection customer modifies its proposed point of interconnection, interconnection request, or the technical information provided therein is modified, the time to complete the interconnection system impact study may be extended.
5. The interconnection system impact study report shall provide the following information:
  - 5.1 Identification of any equipment short circuit capability limits exceeded as a result of the interconnection,
  - 5.2 Identification of any thermal overload or voltage limit violations resulting from the interconnection,
  - 5.3 Identification of any instability or inadequately damped response to system disturbances resulting from the interconnection, and
  - 5.4 Description and nonbinding estimated cost of facilities required to interconnect the distributed generation facility to IPL's electric distribution system and to address the identified short circuit, thermal overload, voltage, and instability issues as required under Iowa Utilities Board Chapter 45 rules on Electric Interconnection of Distributed Generation Facilities (199 IAC 45.11(5)"b").
6. Interconnection customer shall provide a study deposit equal to 100% of the estimated nonbinding study costs at least 20 business days prior to the date upon which the study commences.
7. The interconnection system impact study, if required, shall be completed and the results transmitted to interconnection customer within 45 business days after this Agreement is signed by the Parties or the complete study deposit is received by IPL, whichever occurs later. If the interconnection customer's study request involves more than one point of interconnection and configuration, the time to complete the interconnection system impact study may be extended by IPL.
8. Study fees shall be based on actual costs and shall be invoiced to interconnection customer after the study is transmitted to interconnection customer. The invoice shall include an itemized listing of employee time and costs expended on the study.
9. Interconnection customer shall pay any study costs that exceed the deposit within 30 calendar days after receipt of the invoice. IPL shall refund any excess deposit amount within 30 calendar days of the invoice.

**Interstate Power and Light Company**

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**GENERAL RULES AND REGULATIONS  
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**14.12 STANDARD INTERCONNECTION SYSTEM IMPACT STUDY AGREEMENT: (Continued)**

In witness thereof, the Parties have caused this Agreement to be duly executed by their duly authorized officers or agents on the day and year first above written.

[Insert name of interconnection customer]

Signed: \_\_\_\_\_

Name (Printed): \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Interstate Power and Light Company**

Signed: \_\_\_\_\_

Name (Printed): \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



**Interstate Power and Light Company**

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**GENERAL RULES AND REGULATIONS  
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**14.12 STANDARD INTERCONNECTION SYSTEM IMPACT STUDY AGREEMENT: (Continued)**

**ATTACHMENT A**

Interconnection System Impact Study Agreement

**Assumptions Used in Conducting the Interconnection System Impact Study**

The interconnection system impact study shall be based upon the results of the interconnection feasibility study, subject to any modifications in accordance with Iowa Utilities Board Chapter 45 rules on Electric Interconnection of Distributed Generation Facilities (199 IAC 45.11), and the following assumptions:

1. Point of interconnection and configuration to be studied.
  
  
  
  
  
  
  
  
  
  
2. Alternative Points of interconnection and configurations to be studied.

Note: 1 and 2 are to be completed by the interconnection customer. Any additional assumptions (explained below) may be provided by either the interconnection customer or IPL.

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Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

# Interstate Power and Light Company

## ELECTRIC TARIFF

Filed with the I. U. B.

Original Sheet No. 350

### ORIGINAL TARIFF NO. 1

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#### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.13 STANDARD INTERCONNECTION FACILITIES STUDY AGREEMENT:

##### INTERCONNECTION FACILITIES STUDY AGREEMENT

This agreement ("Agreement") is made and entered into this \_\_\_\_ day of \_\_\_\_\_, by and between \_\_\_\_\_ ("interconnection customer"), as an individual person, or as a \_\_\_\_\_ organized and existing under the laws of the State of \_\_\_\_\_, and **Interstate Power and Light Company**, ("IPL"), an Iowa corporation existing under the laws of the State of Iowa. Interconnection customer and IPL each may be referred to as a "Party," or collectively as the "Parties."

##### Recitals:

Whereas, interconnection customer is proposing to develop a distributed generation facility or modifying an existing distributed generation facility consistent with the interconnection request application form completed by interconnection customer on \_\_\_\_\_; and

Whereas, interconnection customer desires to interconnect the distributed generation facility with IPL's electric distribution system; and

Whereas, IPL has completed an interconnection system impact study and provided the results of said study to interconnection customer; and

Whereas, interconnection customer has requested IPL to perform an interconnection facilities study to specify and estimate the cost of the equipment, engineering, procurement and construction work needed to interconnect the distributed generation facility;

Now, therefore, in consideration of and subject to the mutual covenants contained in this Agreement, the Parties agree as follows:

1. All terms defined in Iowa Utilities Board Chapter 45 rules on Electric Interconnection of Distributed Generation Facilities (199 IAC 45.1) shall have the meanings indicated in that rule when used in this Agreement.
2. Interconnection customer elects and IPL shall cause to be performed an interconnection facilities study consistent with Iowa Utilities Board Chapter 45 rules on Electric Interconnection of Distributed Generation Facilities (199 IAC 45.11).
3. The scope of the interconnection facilities study shall be determined by the information provided in **Attachment A** to this Agreement.

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Date Issued: October 4, 2010

Effective Date: November 3, 2010

By: Erik C. Madsen – Director, Regulatory Affairs

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**GENERAL RULES AND REGULATIONS  
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**14.13 STANDARD INTERCONNECTION FACILITIES STUDY AGREEMENT: (Continued)**

4. An interconnection facilities study report (1) shall provide a description, estimated cost of distribution upgrades, and a schedule for required facilities to interconnect the distributed generation facility to IPL's electric distribution system; and (2) shall address all issues identified in the interconnection system impact study (or identified in this study if the system impact study is combined herein).
5. Interconnection customer shall provide a study deposit of 100% of the estimated nonbinding study costs at least 20 business days prior to the date upon which the study commences.
6. In cases where no distribution upgrades are required, the interconnection facilities study shall be completed and the results shall be transmitted to interconnection customer within 15 business days after this Agreement is signed by the Parties. In cases where distribution upgrades are required, the interconnection facilities study shall be completed and the results shall be transmitted to interconnection customer within 35 business days after this Agreement is signed by the Parties or the complete study deposit is received by IPL, whichever occurs later.
7. Study fees shall be based on actual costs and will be invoiced to interconnection customer after the study is transmitted to interconnection customer. The invoice shall include an itemized listing of employee time and costs expended on the study.
8. Interconnection customer shall pay any actual study costs that exceed the deposit within 30 calendar days on receipt of the invoice. IPL shall refund any excess deposit amount within 30 calendar days after the invoice.

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**GENERAL RULES AND REGULATIONS  
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**14.13 STANDARD INTERCONNECTION FACILITIES STUDY AGREEMENT: (Continued)**

In witness whereof, the Parties have caused this Agreement to be duly executed by their duly authorized officers or agents on the day and year first above written.

[Insert name of interconnection customer]

Signed: \_\_\_\_\_

Name (Printed): \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Interstate Power and Light Company**

Signed: \_\_\_\_\_

Name (Printed): \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

# Interstate Power and Light Company

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#### GENERAL RULES AND REGULATIONS FOR ELECTRIC SERVICE FORMS AND AGREEMENTS

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#### 14.13 STANDARD INTERCONNECTION FACILITIES STUDY AGREEMENT: (Continued)

##### ATTACHMENT A

##### Interconnection Facilities Study Agreement

##### **Minimum Information that the Interconnection Customer Must Provide with the Interconnection Facilities Study Agreement**

1. Provide location plan and simplified one-line diagram of the distributed generation facilities.
2. For staged projects, please indicate size and location of planned additional future generation.
3. On the one-line diagram, indicate the generation capacity attached at each metering location. (Maximum load on CT/PT).
4. On the one-line diagram, indicate the location of auxiliary power. (Minimum load on CT/PT) Amps.
5. One set of metering is required for each generation connection to IPL's electric distribution system.
6. Number of generation connections: \_\_\_\_\_
7. Will an alternate source of auxiliary power be available during CT/PT maintenance?  
Yes \_\_\_\_\_ No \_\_\_\_\_
8. Will a transfer bus on the generation side of the metering require that each meter set be designed for the total distributed generation capacity? Yes \_\_\_\_\_ No \_\_\_\_\_  
(Please indicate on the one-line diagram).
9. What type of control system or PLC will be located at the distributed generation facility?  
\_\_\_\_\_.
10. What protocol does the control system or PLC use? \_\_\_\_\_.
11. Please provide a scale drawing of the site. Indicate the point of interconnection, distribution line, and property lines.
12. Number of third-party easements required for IPL's interconnection facilities: \_\_\_\_\_

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**14.13 STANDARD INTERCONNECTION FACILITIES STUDY AGREEMENT: (Continued)**

**To be Completed in Coordination with IPL**

1. Is the distributed generation facility located in IPL's service area?  
Yes \_\_\_\_\_ No \_\_\_\_\_
2. If No, please provide name of local provider: \_\_\_\_\_
3. Please provide the following proposed schedule dates:

Begin construction date: \_\_\_\_\_

Generator step-up transformers  
receive back feed power date: \_\_\_\_\_

Commissioning testing date: \_\_\_\_\_

Witness testing date: \_\_\_\_\_

Commercial operation date: \_\_\_\_\_