



Thomas Broderick, Jr.  
Mayor

## Anderson Municipal Light & Power

550 Dale Keith Jones Road, Anderson, IN 46011  
(765) 648-6480 • Fax (765) 648-6551  
<http://www.cityofanderson.com>



2/12/2016

*Via Electronic Filing – 30 Day Filings – Electric*

Brenda A. Howe  
Secretary of the Commission  
Indiana Utility Regulatory Commission  
101 West Washington St., Suite 1500 E  
Indianapolis, IN 46204

**RE: Anderson Municipal Light & Power 30 Day Filing Pursuant to 170 IAC 1-6-1 et seq.**

Dear Ms. Howe:

Pursuant to 170 IAC 1-6-5, please find enclosed the following 30 Day Filing by Anderson Municipal Light & Power: 2nd Quarter 2016 Tracker filing. The tariff sheets and work papers are attached. The purpose of this filing is to adjust the rates in accordance with the tracker. This filing is necessary because we are required to adjust the rates every quarter in accordance to the tracker. This filing is allowed under 170 IAC 1-6-3 for the following reasons: Changes in purchased power costs.

The person at Anderson Municipal Light & Power to be contacted regarding this filing is:

Anthony P. Pochard  
(765) 648-6480 / (765) 648-6551(FAX)  
550 Dale Keith Jones Road, Anderson, IN 46011  
[tpochard@cityofanderson.com](mailto:tpochard@cityofanderson.com)

Affected customers have been notified as required under 170 IAC 1-6-6. Notice will be published in the Anderson Herald Bulletin on 2/12/2016. Notice has been posted in a public place in the utility office. Notice has also been posted on the City of Anderson's website at [www.cityofanderson.com](http://www.cityofanderson.com). A copy of the notice is attached.

I verify that notice has been provided as stated in this letter and that this letter and the attached documents are true and accurate to the best of my knowledge, information, and belief.

Sincerely,

Anthony P. Pochard, P.E.  
Director  
Anderson Municipal Light and Power

**NOTICE OF PROPOSED RATE CHANGE BY  
ANDERSON MUNICIPAL LIGHT & POWER**

Notice is hereby given to ratepayers of the municipally-owned electric utility and other interested persons that the Board of Public Works of the City of Anderson, Indiana has adopted Resolution No. 02-2016 authorizing the following incremental changes in Rate Adjustment Factors:

RS	Residential Service	\$ 0.013926	per KWH
GS10	General Service - Single Phase	\$ 0.013106	per KWH
GS 30	General Service - Three Phase	\$ 0.012228	per KWH
SP	Small Power Service	\$ 3.824	per KW
		\$ (0.000372)	per KWH
LP	Large Power Service	\$ 4.101	per kVA
		\$ (0.000462)	per KWH
LP	Off-Peak Large Power Off-Peak Service	\$ 3.716	per kVA
		\$ (0.000509)	per KWH
IP	Industrial Power Service	\$ 4.653	per KW
		\$ (0.000464)	per KWH
CL	Constant Load	\$ 0.007043	per KWH
SL	Municipal Street Lighting	\$ 0.004602	per KWH
OL	Security (Outdoor) Lighting	\$ 0.004037	per KWH

Rate adjustment changes are listed below by Rate Schedule:

RS	increase	0.002394	per KWH
GS 10	increase	0.001506	per KWH
GS 30	increase	0.001403	per KWH
SP	decrease	(1.262)	per KW
	increase	0.000054	per KWH
LP	decrease	(0.930)	per kVA
	decrease	(0.000029)	per KWH
LP Off-Peak	decrease	(2.147)	per kVA
	decrease	(0.000137)	per KWH
IP	decrease	(2.144)	per KW
	decrease	(0.000037)	per KWH
CL	decrease	(0.000499)	per KWH
SL	decrease	(0.002660)	per KWH
OL	decrease	(0.002477)	per KWH

This rate change is based solely upon changes of purchased power and energy purchased by the utility from its supplier Indiana Municipal Power Agency and is computed in accordance with Indiana Regulatory Commission Order in Cause No. 36835-S3, dated December 13, 1989.

The Utility has made a filing with the Indiana Regulatory Commission for approval of the Rate Change. If approved, the change of rate will take effect for bills to be rendered beginning with the April, 2016 billing cycle. Any objection to the following should be directed to either of the following:

Indiana Utility Regulatory Commission PNC Center 101 W. Washington Street, Suite 1500 East Indianapolis, IN 46204-3407 HB-123 Feb. 12	Office of Utility Consumer Counselor PNC Center 115 W. Washington Street Suite 1500 South Indianapolis, IN 46204-3407 hspaxlp
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Reliable Public  
Power Provider

2/4/2016

TO: Board of Public Works

FROM: Tony Pochard, Director

SUBJECT: New Purchased Power Cost Tracking Factor

Enclosed, for your review and approval, is a copy of our tracker filing with the Indiana Utility Regulatory Commission for the three-month period of April, May and June, 2016. The proposed tracker will result in an increase for our residential customers; the average customer using 800 kWh will see an increase of \$1.91 or 1.98%. This change is based solely upon changes in purchased power costs from our supplier, Indiana Municipal Power Agency.

If you have any questions or need any additional information, let me know.

Sincerely,

Anthony P. Pochard, P.E.  
Director  
Anderson Municipal Light & Power

APP/jes  
Enclosure

cc: Mayor Broderick  
Evan Broderick



## ANDERSON MUNICIPAL LIGHT & POWER

### Appendix A

#### Rate Adjustments

The Rate Adjustments shall be on the basis of a Purchase Power Cost Adjustment Tracking Factor occasioned solely by changes in the cost of purchased power and energy, in accordance with the Order of the Indiana Utility Regulatory Commission, approved December 13, 1989 in Cause No. 36835-S3, as follows:

Rate Adjustments applicable to the below listed Rate Schedules are as follows:

Residential Service (RS)	\$ 0.013926	per KWH
General Service - Single Phase (GS 10)	\$ 0.013106	per KWH
General Service - Three Phase (GS 30)	\$ 0.012228	per KWH
Small Power Service (SP)	\$ 3.824	per KW
	\$ (0.000372)	per KWH
Large Power Service (LP )	\$ 4.101	per KVA
	\$ (0.000462)	per KWH
Large Power Off-Peak Service (LP Off-Peak)	\$ 3.716	per KVA
	\$ (0.000509)	per KWH
Industrial Power Service (IP)	\$ 4.653	per KVA
	\$ (0.000464)	per KWH
Constant Load (CL)	\$ 0.007043	per KWH
Municipal Street Lighting (SL)	\$ 0.004602	per KWH
Security (Outdoor) Lighting (OL)	\$ 0.004037	per KWH

Applicable: April, May and June 2016

# **NOTICE OF PROPOSED RATE CHANGE BY ANDERSON MUNICIPAL LIGHT & POWER**

Notice is hereby given to ratepayers of the municipally-owned electric utility and other interested persons that the Board of Public Works of the City of Anderson, Indiana has adopted Resolution No. 02-2016 authorizing the following incremental changes in Rate Adjustment Factors:

RS	Residential Service	\$	0.013926	per KWH
GS 10	General Service - Single Phase	\$	0.013106	per KWH
GS 30	General Service - Three Phase	\$	0.012228	per KWH
SP	Small Power Service	\$	3.824	per KW
		\$	(0.000372)	per KWH
LP	Large Power Service	\$	4.101	per kVA
		\$	(0.000462)	per KWH
LP Off-Peak	Large Power Off-Peak Service	\$	3.716	per kVA
		\$	(0.000509)	per KWH
IP	Industrial Power Service	\$	4.653	per KW
		\$	(0.000464)	per KWH
CL	Constant Load	\$	0.007043	per KWH
SL	Municipal Street Lighting	\$	0.004602	per KWH
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Rate adjustment changes are listed below by Rate Schedule:

RS	increase	0.002394	per KWH
GS 10	increase	0.001506	per KWH
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SP	decrease	(1.262)	per KW
	increase	0.000054	per KWH
LP	decrease	(0.930)	per kVA
	decrease	(0.000029)	per KWH
LP Off-Peak	decrease	(2.147)	per kVA
	decrease	(0.000137)	per KWH
IP	decrease	(2.144)	per KW
	decrease	(0.000037)	per KWH
CL	decrease	(0.000499)	per KWH
SL	decrease	(0.002660)	per KWH
OL	decrease	(0.002477)	per KWH

This rate change is based solely upon changes of purchased power and energy purchased by the utility from utility from its supplier Indiana Municipal Power Agency and is computed in accordance with Indiana Regulatory Commission Order in Cause No. 36835-S3, dated December 13, 1989.

The Utility has made a filing with the Indiana Regulatory Commission for approval of the Rate Change. If approved, the change of rate will take effect for bills to be rendered beginning with the April, 2016 billing cycle. Any objection to the following should be directed to either of the following:

Indiana Utility Regulatory Commission  
PNC Center  
101 W. Washington Street, Suite 1500 East  
Indianapolis, IN 46204-3407

Office of Utility Consumer Counselor  
PNC Center  
115 W. Washington Street, Suite 1500 South  
Indianapolis, IN 46204-3407

(Contact person – Tony Pochard (765) 648-6480)

Please print this legal one (1) time and return two (2) proofs of publication.

**PLEASE RUN THIS AS SOON AS POSSIBLE**

Thank You

**THE BOARD OF PUBLIC WORKS  
ANDERSON, INDIANA  
Resolution No. 02-2016**

**A RESOLUTION OF THE BOARD OF PUBLIC WORKS CONCERNING RATES FOR  
SERVICES FURNISHED BY THE MUNICIPAL ELECTRIC UTILITY OF THE CITY  
OF ANDERSON, INDIANA**

WHEREAS, the Common Council of the City of Anderson has heretofore on February 10, 1983, adopted Ordinance No. 13-83 establishing rates for the services furnished by the municipal electric utility of the City of Anderson, which rates were necessary to "flow through" increased costs to the City for purchased power resulting from an interim rate increase pursuant to the Power Sales Contract by the City's supplier, Indiana Municipal Power Agency; and

WHEREAS, the Indiana Municipal Power Agency (IMPA) under the terms of the Power Sales Contract supplies the City of Anderson's total requirements for power and energy; and

WHEREAS, on April 20, 1982, IMPA filed its petition with the Public Service commission of Indiana for its approval to establish a tracker mechanism whereby the participating members can track energy cost adjustments and power cost to its retail customers whether they be increases or decreases in the cost of power and energy purchased from the Agency; and

WHEREAS, the Indiana utility Regulatory Commission, by order dated December 13, 1989, in Cause No. 36838-S3 has permitted each municipal electric utility that is a participating member of IMPA to track to its retail customers both increases and decreases in the cost of power and energy in a timely fashion.

**NOW, THEREFORE BE IT RESOLVED BY THE BOARD OF PUBLIC WORKS  
OF THE CITY OF ANDERSON, THAT:**

- (1) For the period April 1, 2016 through June 30, 2016 the energy rates and charges attached to this Resolution as Exhibit "A" are approved.
- (2) Upon adoption of this resolution, notice of such further change in energy rates shall be published one time in a newspaper of general circulation in the City of Anderson.
- (3) Upon publication of said notice, proof of publication thereof, together with a certified copy of this resolution, shall be filed with the Regulatory Service Commission of Indiana in conjunction with the previously filed application and exhibits in Commission Cause No. 36835-S3.

PASSED AND ADOPTED 9th DAY OF February 2016

THE CITY OF ANDERSON, INDIANA  
By and through its Board of Public Works

By:

  
David Eicks, Chairman

  
Jack Keesling, Member

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ATTEST:

  
Stacy Johnson, Secretary

Reviewed by:  
Evan Broderick  
Anderson City Attorney





Thomas Broderick, Jr.  
Mayor

# Anderson Municipal Light & Power

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2/4/2016

Indiana Utility Regulatory Commission  
PNC Center  
101 West Washington Street, Suite 1500 E  
Indianapolis, IN 46204-3407

## TO THE INDIANA UTILITY REGULATORY COMMISSION:

1. Anderson Municipal Light & Power, Anderson, Indiana, under and pursuant to the Public Service Commission Act, as amended, and Commission Order in Cause No. 36835-S3 hereby files with the Indiana Utility Regulatory Commission for its approval, an average increase in its schedules of rates for electricity sold in the amount of 0.000157 per kilowatt-hour (KWH).
2. The accompanying changes in schedules of rates are based solely upon the changes in the cost of purchased power and energy, purchased by this utility computed in accordance with the Indiana Utility Regulatory Commission Order in Cause No. 36835-S3, dated December 13, 1989.
3. All of the matters and facts stated herein and in the attached exhibits are true and correct. If approved, this change of rate shall take effect for the bills to be rendered beginning with the April 2016 billing cycle.
4. As required by IURC ruling 170 IAC 1-6-6, notice of this change in rates has appeared as a legal notice in the Herald Bulletin and is posted in the lobby of the Anderson Municipal Light & Power Billing Office. It is also posted on the Anderson Utilities web site which can be found by going to [www.cityofanderson.com](http://www.cityofanderson.com), under Electric Legal Notices.

City of Anderson, Indiana

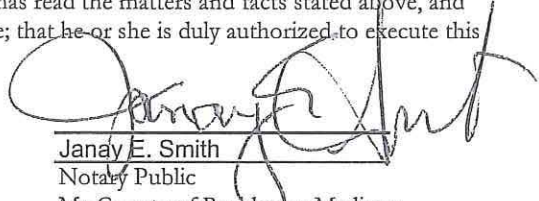
By: 

Anthony P. Pochard, P.E.  
Director

STATE OF INDIANA )  
 ) SS:  
COUNTY OF MADISON )

Personally appeared before me, a Notary Public in and for said county and state, this 4th day of February 2016, who, after having been duly sworn according to law, stated that he or she is an officer of the City of Anderson, Indiana, that he or she has read the matters and facts stated above, and in all exhibits attached hereto, and that the same are true; that he or she is duly authorized to execute this instrument for and on behalf of the applicant herein.

My Commission Expires:  
April 3, 2020

  
Janay E. Smith  
Notary Public

My County of Residence: Madison



ANDERSON MUNICIPAL LIGHT & POWER

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DETERMINATION OF INCREMENTAL CHANGE IN BASE RATE

LINE NO.	DESCRIPTION			DEMAND RELATED	ENERGY RELATED	LINE NO.
1	BASE RATE EFFECTIVE	01-Jan-16	(a)	\$22.655	\$0.030525	1
2	BASE RATE EFFECTIVE	31-Dec-12	(b)	\$16.872	\$0.032134	2
3	INCREMENTAL CHANGE IN BASE RATE (c)			\$5.783	(\$0.001609)	3

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(a) IMPA rate effective for the period covered by this filing. The Base Rate includes the applicable Delivery Voltage Adjustment.

(b) Base purchased power rate including Voltage Adjustment effective at the time of the member's last approved rate case was filed or January 27, 1983, whichever is more recent.

(c) Line 1 - Line 2

## ANDERSON MUNICIPAL LIGHT &amp; POWER

ESTIMATION OF SAVINGS FROM DEDICATED CAPACITY PAYMENTS  
FOR THE THREE MONTHS OF:

Apr-16

May-16

Jun-16

LINE NO.	DESCRIPTION	DEMAND RELATED		LINE NO.
1	ESTIMATED MONTHLY GENERATING COSTS (h)	\$0.00		1
2	LESS: MONTHLY GEN COSTS IN BASE RATES (i)	\$0.00		2
3	EST GENERATING COSTS IN TRACKER (a)	\$0.00		3
4	EST MONTHLY PAYMENT FROM IMPA (f)	\$0.00		4
5	LESS: MONTHLY PAYMENTS IN BASE RATES (g)	\$0.00		5
6	EST CAPACITY PAYMENTS IN TRACKER (b)	\$0.00	NOT APPLICABLE	6
7	ESTIMATED MONTHLY COSTS/(SAVINGS) (c)	\$0.00		7
8	ESTIMATED AVERAGE MONTHLY KW (d)	131,908		8
9	ESTIMATED COSTS/(SAVINGS) PER KW (e)	\$0.000000		9

(a) Line 1 - Line 2

(b) Line 4 - Line 5

(c) Line 3 - Line 6 Times the number of years since last Cost of Service Study

(d) Exhibit III, Column E, Line 1

(e) Line 7 divided by Line 8

(f) Capacity Payments Forecasted by Indiana Municipal Power Agency

(g) Average capacity payments for 12 months ending Month/Year

(h) Estimated Generating Costs (see attachment)

(i) Average generating cost for 12 months ending Month/Year

## ANDERSON MUNICIPAL LIGHT &amp; POWER

ESTIMATION OF ENERGY COST ADJUSTMENT  
FOR THE THREE MONTHS OF:

LINE NO.	DESCRIPTION	Apr-16	May-16	Jun-16	TOTAL (D)	ESTIMATED 3 MONTH AVERAGE (E)	LINE NO.
		Apr-16 (A)	May-16 (B)	Jun-16 (C)			
	PURCHASED POWER FROM IMPA						
1	KW DEMAND	102,181	129,686	163,858	395,725	131,908	1
2	KWH ENERGY	61,343,641	62,931,953	75,093,854	199,369,448	66,456,483	2
	INCREMENTAL PURCHASED POWER COSTS						
	DEMAND RELATED						
3	ECA FACTOR PER KW	0.038	0.038	0.038		0.038	3
4	CHARGE (a)	\$3,882.88	\$4,928.07	\$6,226.60	\$15,037.55	\$5,012.52	4
	ENERGY RELATED						
5	ECA FACTOR PER KWH	0.001274	0.001274	0.001274		0.001274	5
6	CHARGE (b)	\$78,151.80	\$80,175.31	\$95,669.57	\$253,996.68	\$84,665.56	6

(a) Line 1 times Line 3

(b) Line 2 times Line 5

ANDERSON MUNICIPAL LIGHT & POWER

DETERMINATION OF RATE ADJUSTMENT FOR THE  
THREE MONTHS OF

Apr-16

May-16

Jun-16

LINE NO.	DESCRIPTION	DEMAND RELATED (A)	ENERGY RELATED (B)	LINE NO.
1	INCREMENTAL CHANGE IN BASE RATE (a)	\$5.783	-\$0.001609	1
2	ESTIMATED SAVINGS (LOSS) FROM DEDICATED CAPACITY PAYMENTS (b)	\$0.000000	--	2
3	ESTIMATED PURCHASED POWER ENERGY COST ADJUSTMENT (c)	\$0.038000	\$0.001274	3
4	ESTIMATED TOTAL CHANGE IN PURCHASED POWER RATE	\$5.821062	-\$0.000335	4
5	EST CHANGE IN PURCHASED POWER RATE ADJ FOR LOSSES & GR INCOME TAX (d)	\$5.997371	-\$0.000345	5
6	PLUS TRACKING FACTOR EFFECTIVE PRIOR TO JANUARY 27, 1983 (e)	\$0.000	\$0.000000	6
7	ESTIMATED TOTAL RATE ADJUSTMENT	\$5.997371	-\$0.000345	7
8	ESTIMATED AVERAGE BILLING UNITS (f)	131,908	66,456,483	8
9	ESTIMATED INCREMENTAL CHANGE IN PURCHASED POWER COST (g)	\$791,101.21	(\$22,927.49)	9

(a) Exhibit I, Line 3

(b) Exhibit II, Line 9

(c) Exhibit III, Column E, Lines 3 and 5

(d) Line 4 divided by (1 - line loss factor)(0.986)

= 0.970602264

(e) Tracking Factor effective prior to January 27, 1983. This factor is zero if new rates have been filed and approved since January 27, 1983.

(f) Exhibit III, Column E, Lines 1 and 2

(g) Line 7 times Line 8

ANDERSON MUNICIPAL LIGHT & POWER

DETERMINATION OF RATE ADJUSTMENT FOR THE  
THREE MONTHS OF:

LINE NO.	RATE SCHEDULE	KW DEMAND ALLOCATOR	KWH ENERGY ALLOCATOR	APR-16 ALLOCATED ESTIMATED KW PURCHASED (b)	MAY-16 ALLOCATED ESTIMATED KWH PURCHASED (c)	JUN-16 INCREMENTAL CHANGE IN PURCHASED POWER COST ADJ FOR LINE LOSSES & GROSS RECEIPTS TAX			LINE NO.
		(%) (a)	(%) (a)	(C)	(D)	DEMAND (d)	ENERGY (e)	TOTAL	
		(A)	(B)			(E)	(F)	(G)	
1	RS	40.209%	35.857%	53,038.9	23,829,167	\$318,093.89	(\$8,221.06)	\$309,872.83	1
2	GS 10	4.871%	4.344%	6,425.2	2,886,670	\$38,534.54	(\$995.90)	\$37,538.64	2
3	GS 30	10.370%	9.247%	13,678.6	6,145,442	\$82,035.61	(\$2,120.18)	\$79,915.43	3
4	SP	17.384%	15.502%	22,930.4	10,301,998	\$137,521.87	(\$3,554.19)	\$133,967.68	4
5	LP	13.387%	15.813%	17,657.9	10,508,493	\$105,900.76	(\$3,625.43)	\$102,275.33	5
6	N/A	0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	6
7	LP Off-Peak	0.834%	1.253%	1,099.5	832,576	\$6,593.83	(\$287.24)	\$6,306.59	7
8	IP	12.080%	16.420%	15,934.0	10,911,892	\$95,561.86	(\$3,764.60)	\$91,797.26	8
9	CL	0.046%	0.068%	61.2	45,045	\$367.07	(\$15.54)	\$351.53	9
10	SL	0.307%	0.559%	404.3	371,698	\$2,424.73	(\$128.24)	\$2,296.49	10
11	OL	0.514%	0.938%	678.1	623,502	\$4,067.05	(\$215.11)	\$3,851.94	11
12	N/A	0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	12
13	TOTAL	100.000%	100.000%	131,908.1	66,456,483	\$791,101.21	(\$22,927.49)	\$768,173.72	13

(a) Taken From Cost of Service Study for the period ending December 31, 2012

(b) Page 1 of 3, Column A, Line 8 times Page 2 of 3, Column A

(c) Page 1 of 3, Column B, Line 8 times Page 2 of 3, Column B

(d) Page 1 of 3, Column A, Line 9 times Page 2 of 3, Column A

(e) Page 1 of 3, Column B, Line 9 times Page 2 of 3, Column B

ANDERSON MUNICIPAL LIGHT & POWER

DETERMINATION OF RATE ADJUSTMENT FOR THE  
THREE MONTHS OF:

Apr-16                      May-16                      Jun-16

LINE NO.	RATE SCHEDULE	PLUS VARIANCE (a)		TOTAL CHANGE IN PURCHASED POWER COST ADJ FOR LINE LOSSES & GROSS RECEIPTS TAX			RATE ADJUSTMENT FACTOR PER KWH (d)			LINE NO.
		DEMAND	ENERGY	DEMAND (b)	ENERGY (c)	TOTAL	DEMAND	ENERGY	TOTAL	
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
1	RS	\$23,945.10	(\$1,978.47)	\$342,038.99	(\$10,199.53)	\$331,839.46	0.014354	(0.000428)	0.013926	1
2	GS 10	\$346.43	(\$52.30)	\$38,880.97	(\$1,048.20)	\$37,832.77	0.013469	(0.000363)	0.013106	2
3	GS 30	(\$4,397.80)	(\$372.44)	\$77,637.81	(\$2,492.62)	\$75,145.18	0.012633	(0.000406)	0.012228	3
4	SP	(\$20,311.46)	(\$276.71)	\$117,210.41	(\$3,830.90)	\$113,379.51	0.011377	(0.000372)	0.011006 (f)	4
5	LP	(\$20,197.67)	(\$1,233.57)	\$85,703.09	(\$4,859.00)	\$80,844.09	0.008156	(0.000462)	0.007693	5
6	N/A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.000000	0.000000	0.000000	
7	LP Off-Peak	(\$1,464.02)	(\$136.30)	\$5,129.81	(\$423.54)	\$4,706.27	0.006161	(0.000509)	0.005653	6
8	IP	(\$3,237.47)	(\$1,294.91)	\$92,324.39	(\$5,059.51)	\$87,264.88	0.008461	(0.000464)	0.007997	7
9	CL	(\$29.58)	(\$4.72)	\$337.49	(\$20.26)	\$317.23	0.007492	(0.000450)	0.007043	
10	SL	(\$516.69)	(\$69.23)	\$1,908.04	(\$197.47)	\$1,710.56	0.005133	(0.000531)	0.004602	
11	OL	(\$1,307.84)	(\$26.76)	\$2,759.21	(\$241.87)	\$2,517.34	0.004425	(0.000388)	0.004037	8
12	N/A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.000000	0.000000	0.000000	
13	TOTAL	(\$27,171.01)	(\$5,445.41)	\$763,930.20	(\$28,372.90)	\$735,557.29	0.011495	(0.000427)	0.011068	10

(a) Exhibit IV, Page 4 of 7, Columns D and E divided by (1 - loss factor)(.986) = 0.970602264

(b) Page 2 of 3, Column E plus Page 3 of 3, Column A

(c) Page 2 of 3, Column F plus Page 3 of 3, Column B

(d) Page 3 of 3, Columns C, D and E divided by Page 2 of 3, Column D

(f) See Attachment (B)

## ANDERSON MUNICIPAL LIGHT &amp; POWER

DETERMINATION OF DEMAND RATE ADJUSTMENT FOR SP, LP, LP-OFF PEAK & IP  
FOR THE THREE MONTHS OF: APRIL, MAY, AND JUNE,  
2016

LINE NO.	Demand Related Adjustment Factors		
	<u>Rate SP</u>		
1	From Page 3 of 3, Column C, Line 4	\$117,210.41	
2	From Page 2 of 3, Column C, Line 4	22,930.40	kW
3	Line 1 divided by Line 2	\$ 5.112	
4	Line 3 multiplied by 74.817%	\$ 3.824	
5	Demand Related Rate Adjustment Factor	\$ 3.824	per KW
	<u>Rate LP</u>		
6	From Page 3 of 3, Column D, Line 4	\$85,703.09	
7	From Page 2 of 3, Column D, Line 4	17,657.90	KVA
8	Line 6 divided by Line 7	\$ 4.854	
9	Line 8 multiplied by: 84.485%	\$ 4.101	
10	Demand Related Rate Adjustment Factor	\$ 4.101	per KVA
	<u>Rate LP Off-Peak</u>		
11	From Page 3 of 3, Column D, Line 4	\$5,129.81	
12	From Page 2 of 3, Column D, Line 4	1,099.50	KVA
13	Line 11 divided by Line 12	\$ 4.666	
14	Line 13 multiplied by: 79.651%	\$ 3.716	
15	Demand Related Rate Adjustment Factor	\$ 3.716	per KVA
	<u>Rate IP</u>		
16	From Page 3 of 3, Column D, Line 4	\$92,324.39	
17	From Page 2 of 3, Column D, Line 4	15,934	kW
18	Line 16 divided by Line 17	\$ 5.794	
19	Line 18 multiplied by: 80.308%	\$ 4.653	
20	Demand Related Rate Adjustment Factor	\$ 4.653	per KW



ANDERSON MUNICIPAL LIGHT & POWER

RECONCILIATION OF VARIANCES FOR THE  
THREE MONTHS OF

LINE NO.	DESCRIPTION	Oct-15	Nov-15	Dec-15	LINE NO.
			DEMAND RELATED (A)	ENERGY RELATED (B)	
1	INCREMENTAL CHANGE IN BASE RATE (a)		\$4.428	(\$0.0013530)	1
2	ACTUAL SAVINGS FROM DEDICATED CAPACITY PAYMENTS (b)		\$0.000	--	2
3	ACTUAL PURCHASED POWER ENERGY COST ADJUSTMENT (c)		\$0.087	\$0.0024600	3
4	TOTAL RATE ADJUSTMENT (d)		\$4.515	\$0.0011070	4
5	ACTUAL AVERAGE BILLING UNITS (e)		111,441	66,100,664	5
6	ACTUAL INCREMENTAL CHANGE IN PURCHASED POWER COST (f)		\$503,156.12	\$73,173.44	6

(a) Attachment 1, Page 1 of 3, Line 1 of Tracker filing for the three months of:  
Oct-15      Nov-15      Dec-15

(b) Exhibit IV, Page 5 of 7, Column E, Line 9

(c) Exhibit IV, Page 6 of 7, Column E, Lines 3 and 5

(d) Sum of Lines 1 through 4

(e) Exhibit IV, Page 6 of 7, Column E, Lines 1 and 2

(f) Line 5 times Line 6

ANDERSON MUNICIPAL LIGHT & POWER

RECONCILIATION OF VARIANCES FOR THE  
THREE MONTHS OF:

LINE NO.	RATE SCHEDULE			Oct-15	Nov-15	Dec-15	INCREMENTAL CHANGE IN PURCHASED POWER COST			LINE NO.
		KW DEMAND ALLOCATOR	KWH ENERGY ALLOCATOR	ALLOCATED ACTUAL KW PURCHASED (b)	ALLOCATED ACTUAL KWH PURCHASED (c)		DEMAND (d)	ENERGY (e)	TOTAL	
		(%) (a)	(%) (a)	(C)	(D)		(E)	(F)	(G)	
1	RS	40.209%	35.857%	44,809.3	23,701,582		\$202,314.04	\$26,237.65	\$228,551.69	1
2	GS 10	4.871%	4.344%	5,428.3	2,871,214		\$24,508.73	\$3,178.43	\$27,687.16	2
3	GS 30	10.370%	9.247%	11,556.2	6,112,538		\$52,176.28	\$6,766.58	\$58,942.86	3
4	SP	17.384%	15.502%	19,372.5	10,246,840		\$87,466.65	\$11,343.25	\$98,809.90	4
5	LP	13.387%	15.813%	14,918.0	10,452,229		\$67,354.99	\$11,570.62	\$78,925.61	5
6	N/A	0.000%	0.000%	0.0	0		\$0.00	\$0.00	\$0.00	6
7	LP Off-Peak	0.834%	1.253%	928.9	828,118		\$4,193.81	\$916.73	\$5,110.54	7
8	IP	12.080%	16.420%	13,461.6	10,853,468		\$60,779.25	\$12,014.79	\$72,794.04	8
9	CL	0.046%	0.068%	51.7	44,804		\$233.46	\$49.60	\$283.06	9
10	SL	0.307%	0.559%	341.6	369,708		\$1,542.17	\$409.27	\$1,951.44	10
11	OL	0.514%	0.938%	572.9	620,164		\$2,586.73	\$686.52	\$3,273.25	11
12	N/A	0.000%	0.000%	0.0	0		\$0.00	\$0.00	\$0.00	12
13	TOTAL	100.000%	100.000%	111,441.0	66,100,664		\$503,156.12	\$73,173.44	\$576,329.56	13

- (a) Historical allocators from Exhibit V Columns (F) and (H) for the months Oct-15  
 (b) Exhibit IV, Page 6 of 7, Column E, Line 1 times Exhibit IV, Page 2 of 7, Column A  
 (c) Exhibit IV, Page 6 of 7, Column E, Line 2 times Exhibit IV, Page 2 of 7, Column B  
 (d) Exhibit IV, Page 1 of 7, Column A, Line 7 times Exhibit IV, Page 2 of 7, Column A  
 (e) Exhibit IV, Page 1 of 7, Column B, Line 7 times Exhibit IV, Page 2 of 7, Column B

Nov-15 Dec-15

ANDERSON MUNICIPAL LIGHT & POWER

RECONCILIATION OF VARIANCES FOR THE  
THREE MONTHS OF:

LINE NO.	RATE SCHEDULE	ACTUAL AVERAGE KWH SALES (a)	ACTUAL AVERAGE KVA SALES (a)	Oct-15	Nov-15	Dec-15	INCREMENTAL KWH ENERGY COST BILLED BY MEMBER (e)	LESS PREVIOUS VARIANCE FOR MONTHS LISTED ABOVE		LINE NO.
				Demand Adjustment Factor per KWH (b)	Energy Adjustment Factor per KWH (c)	Incremental KW Demand Cost Billed by Member (d)		Demand (f)	Energy (g)	
				(B)	(C)	(D)		(F)	(G)	
1	RS	20,819,194		0.011077	0.000094	\$227,385.61	\$1,929.61	\$48,312.74	(\$26,228.35)	1
2	GS 10	2,702,908		0.009685	0.000626	\$25,811.18	\$1,668.33	\$1,638.69	(\$1,560.86)	2
3	GS 30	6,263,156		0.008951	0.000856	\$55,276.65	\$5,286.20	(\$1,168.15)	(\$1,841.87)	3
4	SP	10,270,182	31,398	3.113000	0.001170	\$96,375.05	\$11,847.89	(\$10,805.95)	\$236.06	4
5	LP	11,328,820	22,962	3.389000	0.001077	\$76,730.37	\$12,030.32	(\$10,228.53)	(\$737.60)	5
6	N/A	0	0	0.000000	0.000000	\$0.00	\$0.00	\$0.00	\$0.00	
7	LP Off-Peak	931,000	1,507	3.997000	0.001092	\$5,940.88	\$1,002.42	\$326.09	(\$46.60)	6
8	IP	11,801,067	17,249	3.757000	0.001055	\$63,898.46	\$12,275.82	(\$23.08)	(\$995.81)	7
9	CL	47,795		0.004679	0.001260	\$220.50	\$59.38	(\$41.67)	\$5.20	8
10	SL	454,617		0.005313	0.000384	\$2,381.56	\$172.13	\$337.89	(\$304.34)	9
11	OL	817,317		0.005864	(0.000006)	\$4,725.65	(\$4.84)	\$869.53	(\$717.33)	10
12	N/A	0		0.000000	0.000000	\$0.00	\$0.00	\$0.00	\$0.00	
13										
14	TOTAL	65,436,056	73,118			\$558,745.92	\$46,267.27	\$29,217.56	(\$32,191.50)	11

(a) Exhibit IV, Page 7 of 7, Column E

(b) Page 3 of 3, Column F of Tracker Filing for the three months of:

(c) Page 3 of 3, Column G of Tracker Filing for the three months of:

(d) Column A times Column B times the Gross Income Tax Factor of:

(e) Column A times Column C times the Gross Income Tax Factor of:

(f) Exhibit IV, Page 4 of 7, Column D of Tracker Filing for the months of:

(g) Exhibit IV, Page 4 of 7, Column E of Tracker Filing for the months of :

Oct-15	Nov-15	Dec-15
Oct-15	Nov-15	Dec-15
0.986		
0.986		
Oct-15	Nov-15	Dec-15
Oct-15	Nov-15	Dec-15

ANDERSON MUNICIPAL LIGHT & POWER

RECONCILIATION OF VARIANCES FOR THE  
THREE MONTHS OF:

		Oct-15	Nov-15	Dec-15				
LINE NO.	RATE SCHEDULE	NET INCREMENTAL COST BILLED BY MEMBER			VARIANCE			LINE NO.
		DEMAND (a)	ENERGY (b)	TOTAL	DEMAND (c)	ENERGY (c)	TOTAL (c)	
		(A)	(B)	(C)	(D)	(E)	(F)	
1	RS	\$179,072.87	\$28,157.96	\$207,230.83	\$23,241.17	(\$1,920.31)	\$21,320.86	1
2	GS 10	\$24,172.49	\$3,229.19	\$27,401.68	\$336.24	(\$50.76)	\$285.48	2
3	GS 30	\$56,444.80	\$7,128.07	\$63,572.87	(\$4,268.52)	(\$361.49)	(\$4,630.01)	3
4	SP	\$107,181.00	\$11,611.83	\$118,792.83	(\$19,714.35)	(\$268.58)	(\$19,982.93)	4
5	LP	\$86,958.90	\$12,767.92	\$99,726.82	(\$19,603.91)	(\$1,197.30)	(\$20,801.21)	5
6	N/A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	6
7	LP Off-Peak	\$5,614.79	\$1,049.02	\$6,663.81	(\$1,420.98)	(\$132.29)	(\$1,553.27)	7
8	IP	\$63,921.54	\$13,271.63	\$77,193.18	(\$3,142.29)	(\$1,256.84)	(\$4,399.14)	8
9	CL	\$262.17	\$54.18	\$316.35	(\$28.71)	(\$4.58)	(\$33.29)	9
10	SL	\$2,043.67	\$476.47	\$2,520.14	(\$501.50)	(\$67.20)	(\$568.70)	10
11	OL	\$3,856.12	\$712.49	\$4,568.61	(\$1,269.39)	(\$25.97)	(\$1,295.36)	11
12	N/A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	12
13								
14	TOTAL	\$529,528.36	\$78,458.77	\$607,987.13	(\$26,372.25)	(\$5,285.33)	(\$31,657.58)	13

(a) Column D minus Column F from Exhibit IV, page 3 of 7

(b) Column E minus Column G from Exhibit IV, Page 3 of 7

(c) Columns E, F, and G from Exhibit IV, Page 2 of 7 minus Columns A, B, and C

ANDERSON MUNICIPAL LIGHT & POWER  
DETERMINATION OF ACTUAL DEDICATED CAPACITY PAYMENTS  
FOR THE THREE MONTHS OF

LINE NO.	DESCRIPTION	Oct-15 October (A)	Nov-15 November (B)	Dec-15 December (C)	TOTAL (D)	AVERAGE (E)	LINE NO.
1	ACTUAL MEMBER GENERATING COSTS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	1
2	LESS: GENERATING COSTS IN BASE RATES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	2
3	DIFFERENCE IN ACTUAL TO BASE RATE COSTS (a)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	3
4	ACTUAL MONTHLY PAYMENT FROM IMPA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	4
5	LESS: ESTIMATED PAYMENT IN BASE RATES (f)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	5
6	DIFFERENCE IN ACTUAL TO BASE RATE PAYMENT (b)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	6
7	ACTUAL CAPACITY PAYMENT SAVINGS TO BE COLLECTED THROUGH THE TRACKER (c)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	7
8	ACTUAL MONTHLY KW BILLED (d)	106,985	113,090	114,249	334,324	111,441	8
9	ACTUAL CAPACITY PAYMENT SAVINGS PER KW (e)	\$0.000	\$0.000	\$0.000		\$0.000	9

- (a) Line 1 minus Line 2  
(b) Line 4 minus Line 5  
(c) Line 3 minus Line 6  
(d) Exhibit IV, Page 6 of 7, Line 1  
(e) Line 7 divided by Line 8  
(f) Exhibit II, Line 5

NOTE: This exhibit is only applicable to a municipal utility with generation.

LINE NO.	DESCRIPTION	Oct-15 (A)	Nov-15 (B)	Dec-15 (C)	TOTAL (D)	ACTUAL 3 MONTH AVERAGE (E)	LINE NO.
	PURCHASED POWER FROM IMPA						
1	KW DEMAND (a)	106,985	113,090	114,249	334,324	111,441	1
2	KWH ENERGY (a)	63,339,447	65,329,598	69,632,948	198,301,993	66,100,664	2
	INCREMENTAL PURCHASED POWER COSTS						
	DEMAND RELATED						
3	ECA FACTOR PER KW (a)	0.087	0.087	0.087		0.087	3
4	CHARGE (b)	\$9,307.70	\$9,838.83	\$9,939.66	\$29,086.19	\$9,695.40	4
	ENERGY RELATED						
5	ECA FACTOR PER KWH (a)	0.002460	0.002460	0.002460		0.002460	5
6	CHARGE (c)	\$155,815.04	\$160,710.81	\$171,297.05	\$487,822.90	\$162,607.63	6
	(a) From IMPA bills for the months of:	Oct-15	Nov-15	Dec-15			
	(b) Line 1 times Line 3						
	(c) Line 2 times Line 5						

ANDERSON MUNICIPAL LIGHT & POWER

DETERMINATION OF ACTUAL AVERAGE KWH SALES  
FOR THE THREE MONTHS OF:

LINE NO.	RATE SCHEDULE	Oct-15	Nov-15	Dec-15	TOTAL	AVERAGE	LINE NO.
		(A)	(B)	(C)		(E)	
1	RS	22,117,492	18,434,373	21,905,718	62,457,583	20,819,194	1
2	GS 10	2,927,418	2,486,281	2,695,026	8,108,725	2,702,908	2
3	GS 30	6,742,021	6,304,489	5,742,958	18,789,468	6,263,156	3
4	SP	11,147,160	9,805,935	9,857,452	30,810,547	10,270,182	4
5	LP	12,238,580	10,732,810	11,015,070	33,986,460	11,328,820	5
6	N/A	0	0	0	0	0	
7	LP Off-Peak	869,400	961,800	961,800	2,793,000	931,000	6
8	IP	11,793,600	12,420,800	11,188,800	35,403,200	11,801,067	7
9	CL	47,795	47,795	47,795	143,385	47,795	
10	SL	391,020	466,447	506,384	1,363,851	454,617	
11	OL	763,087	810,830	878,034	2,451,951	817,317	8
12	N/A	0	0	0			
13	TOTAL	69,037,573	62,471,560	64,799,037	196,308,170	65,436,056	10

DETERMINATION OF ACTUAL AVERAGE KW/KVA SALES

			Oct-15	Nov-15	Dec-15	TOTAL	AVERAGE
14		CP?	0	0	0	0	0
15			0	0	0	0	0
16	KW		0	0	0	0	0
17	SP	NCF	32,298	30,499	31,398	94,195	31,398
18	LP	NCF	24,742	22,528	21,617	68,887	22,962
19			0	0	0	0	0
20	LP Off-Peak	NCF	1,383	1,618	1,522	4,522	1,507
21	IP	CP	17,652	18,056	16,040	51,748	17,249
22			0	0	0	0	0
23			0	0	0	0	0
24			0	0	0	0	0
25	ISTP	CP	0	0	0	0	0
			76,075	72,701	70,577		



## ANDERSON MUNICIPAL LIGHT &amp; POWER

Anderson, Indiana

## VERIFICATION FOR FUTURE USE OF KW DEMAND ALLOCATION AND KWH ENERGY ALLOCATION FACTORS IN COMPLIANCE

WITH ORDERING PARAGRAPH 7 OF IURC CAUSE NO. 36835-S2, DATED MAY 2, 1984

Line No.	Month	Residential RS (A)	General Service		Small Power SP (D)	Large Power LP (E)	Large Power Off-Peak LP Off-Peak (F)	Industrial Power IP (G)	Constant Load CL (H)	Street Lighting SL (I)	Security Lighting OL (J)	Total (K)	
			Single Phase GS 10 (B)	Three Phase GS 30 (C)									
1	January-15	29,991,496	3,330,166	6,115,880	10,657,897	10,104,900	823,200	10,976,000	47,795	494,852	830,435	73,372,621	
2	February	32,130,563	3,593,069	6,604,275	10,759,121	10,198,260	751,800	11,345,600	47,795	420,764	704,179	76,555,426	
3	March	32,485,465	3,607,050	6,483,361	10,542,765	10,350,210	831,600	10,057,600	47,795	426,651	701,809	75,534,306	
4	April	24,676,458	2,918,159	5,875,342	9,501,122	9,673,490	777,000	10,360,000	47,795	385,481	577,328	64,792,175	
5	May	19,174,010	2,618,665	5,993,191	10,566,248	11,091,880	806,400	10,830,400	47,795	353,543	515,101	61,997,233	
6	June	20,354,963	2,736,987	6,343,398	10,339,419	11,283,300	961,800	10,528,000	47,795	315,043	446,079	63,356,784	
7	July	25,403,793	3,073,698	7,080,214	13,565,326	12,754,510	1,033,200	12,465,600	47,795	281,902	491,470	76,197,508	
8	August	28,577,035	3,344,773	7,557,760	12,027,281	11,894,030	1,008,000	13,036,800	47,795	299,547	575,570	78,368,591	
9	September	28,154,241	3,423,322	7,404,143	12,400,786	12,462,670	814,800	13,249,600	47,795	391,020	644,841	78,993,218	
10	October	22,117,492	2,927,418	6,742,021	11,147,160	12,238,580	869,400	11,872,000	47,795	391,020	763,087	69,115,973	
11	November	18,434,373	2,486,281	6,304,489	9,805,935	10,732,810	961,800	11,793,600	47,795	466,447	810,830	61,844,360	
12	December	21,905,718	2,695,026	5,742,958	9,857,452	11,015,070	961,800	12,420,800	47,795	506,384	878,034	66,031,037	
13	Total	303,405,607	36,754,614	78,247,032	131,170,512	133,799,710	10,600,800	138,936,000	573,540	4,732,654	7,938,763 *	846,159,232	
14	Percent of Total	(b)	35.8568%	4.3437%	9.2473%	15.5019%	15.8126%	1.2528%	16.4196%	0.0678%	0.5593%	0.9382%	100.0000%
15	kWh Energy Factors	(a)	37.215%	4.302%	9.644%	16.043%	14.758%	1.323%	15.179%	0.076%	0.562%	0.898%	100.0000%
16	Percent Variance	(c)	-3.651%	0.968%	-4.112%	-3.373%	7.149%	-5.317%	8.172%	-11.296%	-0.442%	4.536%	
17	Coincident Demands (kW)							193,452					IMPA kW 1,605,350
18	kW Demand Factors	(a)	41.632%	4.813%	10.788%	17.947%	12.463%	0.878%	10.628%	0.052%	0.307%	0.491%	100.0000%
19	Adjusted Factors	(d)	40.112%	4.859%	10.345%	17.342%	13.354%	0.831%	12.050%	0.046%	0.306%	0.513%	99.759%
20	Percent of Total	(e)	40.209%	4.871%	10.370%	17.384%	13.387%	0.834%	12.080%	0.046%	0.307%	0.514%	100.000%

\* Based on customer count 12 month average not monthly actual.

(a) Taken from Cost of Service Study based on Twelve Month Period December, 2012.

(b) kWh sales by rate classification expressed as a percent of total kWh sales for the year 2015. Proposed kWh Energy allocator for year 2016.

(c) (Line 14/ Line 15)-1.

(d) (1+ Line 16) \* Line 17.

(e) ( Line 18) / (Line 18, column H). Proposed kW Demand allocator for year 2016.

**INDIANA MUNICIPAL POWER AGENCY  
ECA ESTIMATES FOR APRIL, MAY and JUNE  
2016 - 2ND QUARTER**

	APR	MAY	JUN	APR	MAY	JUN
	\$/kW-month			\$/kWh		
IMPA's Energy Cost Adjustment	0.038	0.038	0.038	0.001274	0.001274	0.001274
To develop these Energy Cost Adjustment factors, IMPA used the following estimated loads for	kW			kWh		
<b>ANDERSON</b>	102,181	129,686	163,858	61,343,641	62,931,953	75,093,854



# IMPA

INDIANA MUNICIPAL POWER AGENCY

Anderson Municipal Light & Power  
P.O. Box 2100  
Anderson, IN 46011

Due Date:  
**12/16/15**

Amount Due:  
**\$4,385,095.70**

Billing Period: October 1 to 31, 2015

Invoice No: INV0005661

Invoice Date: 11/16/15

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	106,985	480	100.00%	10/08/15	1900	79.58%
CP Billing Demand:	106,985	480	100.00%	10/08/15	1900	79.58%
kvar at 97% PF:		26,813				
Reactive Demand:		-				

Energy	kWh
AEP Interconnections:	36,182,146
IMPA CT Site:	16,908,453
Webster St:	10,248,840
Customer Generation:	8
Total Energy:	63,339,447

History	Oct 2015	Oct 2014	2015 YTD
Max Demand (kW):	106,985	113,929	169,032
CP Demand (kW):	106,985	113,929	169,032
Energy (kWh):	63,339,447	63,926,225	720,869,150
CP Load Factor:	79.58%	75.42%	
HDD/CDD (Indianapolis):	258/14	335/9	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 20.897 / kW x	106,985	\$ 2,235,665.55
ECA Demand Charge:	\$ 0.087 / kW x	106,985	\$ 9,307.70
Delivery Voltage Charge - 34.5 kV to 138 kV:	\$ 0.782 / kW x	44,317	\$ 34,655.89
Total Demand Charges:			\$ 2,279,629.14
Base Energy Charge:	\$ 0.030781 / kWh x	63,339,447	\$ 1,949,651.52
ECA Energy Charge:	\$ 0.002460 / kWh x	63,339,447	\$ 155,815.04
Total Energy Charges:			\$ 2,105,466.56
Average Purchased Power Cost: 6.92 cents per kWh			Total Purchased Power Charges: \$ 4,385,095.70

## Other Charges and Credits

**NET AMOUNT DUE: \$ 4,385,095.70**

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 12/16/15

Questions, please call: 317-573-9955

Send payments to: Indiana Municipal Power Agency  
Dept. 78757, P.O. Box 78000, Detroit, MI 48278-0757



# IMPA

INDIANA MUNICIPAL POWER AGENCY

Anderson Municipal Light & Power  
P.O. Box 2100  
Anderson, IN 46011

**Due Date:**  
**01/13/16**

**Amount Due:**  
**\$4,593,689.34**

Billing Period: November 1 to 30, 2015

Invoice No: INV0005750  
Invoice Date: 12/14/15

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	113,090	(9,644)	99.64%	11/22/15	2100	80.23%
CP Billing Demand:	113,090	(9,644)	99.64%	11/22/15	2100	80.23%
kvar at 97% PF:		28,343				
Reactive Demand:						

Energy	kWh
AEP Interconnections:	34,737,729
IMPA CT Site:	19,011,540
Webster St:	11,580,324
Customer Generation:	5
<b>Total Energy:</b>	<b>65,329,598</b>

History	Nov 2015	Nov 2014	2015 YTD
Max Demand (kW):	113,090	126,489	169,032
CP Demand (kW):	113,090	126,489	169,032
Energy (kWh):	65,329,598	69,516,323	786,198,748
CP Load Factor:	80.23%	76.33%	
HDD/CDD (Indianapolis):	509/4	865/0	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 20.897 / kW x	113,090	\$ 2,363,241.73
ECA Demand Charge:	\$ 0.087 / kW x	113,090	\$ 9,838.83
Delivery Voltage Charge - 34.5 kV to 138 kV:	\$ 0.782 / kW x	62,644	\$ 48,987.61
Total Demand Charges:			\$ 2,422,068.17
Base Energy Charge:	\$ 0.030781 / kWh x	65,329,598	\$ 2,010,910.36
ECA Energy Charge:	\$ 0.002460 / kWh x	65,329,598	\$ 160,710.81
Total Energy Charges:			\$ 2,171,621.17
Average Purchased Power Cost: 7.03 cents per kWh			
Total Purchased Power Charges:			\$ 4,593,689.34

## Other Charges and Credits

**NET AMOUNT DUE: \$ 4,593,689.34**

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 01/13/16

Questions, please call: 317-573-9955

Send payments to: Indiana Municipal Power Agency  
Dept. 78757, P.O. Box 78000, Detroit, MI 48278-0757





# IMPA

INDIANA MUNICIPAL POWER AGENCY

Anderson Municipal Light & Power  
P.O. Box 2100  
Anderson, IN 46011

Due Date:  
**02/15/16**

Amount Due:  
**\$4,759,917.28**

Billing Period: December 1 to 31, 2015

Invoice No: INV0005831

Invoice Date: 01/14/16

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	114,249	(11,837)	99.47%	12/28/15	1900	81.92%
CP Billing Demand:	114,249	(11,837)	99.47%	12/28/15	1900	81.92%
kvar at 97% PF:		28,633				
Reactive Demand:		-				

Energy	kWh
AEP Interconnections:	39,882,064
IMPA CT Site:	18,202,308
Webster St:	11,548,572
Customer Generation:	4
Total Energy:	69,632,948

History	Dec 2015	Dec 2014	2015 YTD
Max Demand (kW):	114,249	123,763	169,032
CP Demand (kW):	114,249	123,763	169,032
Energy (kWh):	69,632,948	73,384,043	855,831,696
CP Load Factor:	81.92%	79.70%	
HDD/CDD (Indianapolis):	685/0	974/0	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 20.897 / kW x	114,249	\$ 2,387,461.35
ECA Demand Charge:	\$ 0.087 / kW x	114,249	\$ 9,939.66
Delivery Voltage Charge - 34.5 kV to 138 kV:	\$ 0.782 / kW x	61,186	\$ 47,847.45
Total Demand Charges:			\$ 2,445,248.46
Base Energy Charge:	\$ 0.030781 / kWh x	69,632,948	\$ 2,143,371.77
ECA Energy Charge:	\$ 0.002460 / kWh x	69,632,948	\$ 171,297.05
Total Energy Charges:			\$ 2,314,668.82
Average Purchased Power Cost: 6.84 cents per kWh			Total Purchased Power Charges: \$ 4,759,917.28

## Other Charges and Credits

**NET AMOUNT DUE: \$ 4,759,917.28**

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 02/15/16

Questions, please call: 317-573-9955

Send payments to: Indiana Municipal Power Agency  
Dept. 78757, P.O. Box 78000, Detroit, MI 48278-0757