



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>



02/24/2017

*Via Electronic Filing – 30 Day Filings – Electric*

Mary Becerra  
Commission Secretary  
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. Becerra:

Pursuant to 170 IAC 1-6-5, please find enclosed the following 30 Day Filing by Anderson Municipal Light & Power: 2nd Quarter 2017 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 02/24/2017. 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

## Public Notices

## Public Notices

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. 04-17 authorizing the following incremental changes in Rate Adjustment Factors:

RS Residential Service	\$ 0.014300	per KWH
GS10 General Service - Single Phase	\$ 0.013448	per KWH
GS 30 General Service - Three Phase	\$ 0.012639	per KWH
SP Small Power Service	\$ 5.011	per KW
	\$(0.003462)	per KWH
LP Large Power Service	\$ 4.926	per kVA
	\$(0.003442)	per KWH
LP Off-Peak Large Power Off-Peak Service	\$ 4.067	per kVA
	\$(0.003439)	per KWH
IP Industrial Power Service	\$ 6.324	per KW
	\$(0.003458)	per KWH
CL Constant Load	\$ 0.006196	per KWH
SL Municipal Street Lighting	\$ 0.003270	per KWH
OL Security (Outdoor) Lighting	\$ 0.002825	per KWH
Rate adjustment changes are listed below by Rate Schedule:		
RS	increase	0.004465 per KWH
GS 10	increase	0.002821 per KWH
GS 30	increase	0.002695 per KWH
SP	decrease	(0.947) per KW
	decrease	(0.000026) per KWH
LP	decrease	(1.334) per kVA
	increase	0.000015 per KWH
LP Off-Peak	decrease	(0.118) per kVA
	increase	0.000056 per KWH
IP	decrease	(0.904) per KW
	decrease	(0.000004) per KWH
CL	increase	0.000066 per KWH
SL	decrease	(0.001356) per KWH
OL	decrease	(0.001912) 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, 2017 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



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Mayor

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<http://www.cityofanderson.com>



Reliable Public  
Power Provider

02/14/2017

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, 2017. The proposed tracker will result in an increase for our residential customers; the average customer using 800 kWh will see an increase of \$3.570 or 3.76%. 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

<b>A P P R O V E D</b>	
<b>BOARD OF PUBLIC WORKS</b>	
<b>CITY OF ANDERSON</b>	
<b>INDIANA</b>	
DATE: <u>2-21-17</u>	

# 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)	\$ 0.014300	per KWH
General Service - Single Phase (GS 10)	\$ 0.013448	per KWH
General Service - Three Phase (GS 30)	\$ 0.012639	per KWH
Small Power Service (SP)	\$ 5.011	per KW
	\$ (0.003462)	per KWH
Large Power Service (LP )	\$ 4.926	per KVA
	\$ (0.003442)	per KWH
Large Power Off-Peak Service (LP Off-Peak)	\$ 4.067	per KVA
	\$ (0.003439)	per KWH
Industrial Power Service (IP)	\$ 6.324	per KVA
	\$ (0.003458)	per KWH
Constant Load (CL)	\$ 0.006196	per KWH
Municipal Street Lighting (SL)	\$ 0.003270	per KWH
Security (Outdoor) Lighting (OL)	\$ 0.002825	per KWH

Applicable: April, May and June 2017

**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. 04-11 authorizing the following incremental changes in Rate Adjustment Factors:

RS	Residential Service	\$	0.014300	per KWH
GS 10	General Service - Single Phase	\$	0.013448	per KWH
GS 30	General Service - Three Phase	\$	0.012639	per KWH
SP	Small Power Service	\$	5.011	per KW
		\$	(0.003462)	per KWH
LP	Large Power Service	\$	4.926	per kVA
		\$	(0.003442)	per KWH
LP Off-Peak	Large Power Off-Peak Service	\$	4.067	per kVA
		\$	(0.003439)	per KWH
IP	Industrial Power Service	\$	6.324	per KW
		\$	(0.003458)	per KWH
CL	Constant Load	\$	0.006196	per KWH
SL	Municipal Street Lighting	\$	0.003270	per KWH
OL	Security (Outdoor) Lighting	\$	0.002825	per KWH

Rate adjustment changes are listed below by Rate Schedule:

RS	increase	0.004465	per KWH
GS 10	increase	0.002821	per KWH
GS 30	increase	0.002695	per KWH
SP	decrease	(0.947)	per KW
	decrease	(0.000026)	per KWH
LP	decrease	(1.334)	per kVA
	increase	0.000015	per KWH
LP Off-Peak	decrease	(0.118)	per kVA
	increase	0.000056	per KWH
IP	decrease	(0.904)	per KW
	decrease	(0.000004)	per KWH
CL	increase	0.000066	per KWH
SL	decrease	(0.001356)	per KWH
OL	decrease	(0.001912)	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, 2017 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. 04-17**

**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, 2017 through June 30, 2017 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 21st DAY OF Feb 2017

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

By:

  
\_\_\_\_\_  
David Eicks, Chairman

  
\_\_\_\_\_  
Jack Keesling, Member

\_\_\_\_\_  
Richard Symms, Member

ATTEST:

  
\_\_\_\_\_  
Stacy Johnson, Secretary

Reviewed by:  
Evan Broderick  
Anderson City Attorney



Thomas Broderick, Jr.  
Mayor

# Anderson Municipal Light & Power

550 Dale Keith Jones Road, Anderson, IN 46011  
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02/14/2017

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 0.001383 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 2017 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.

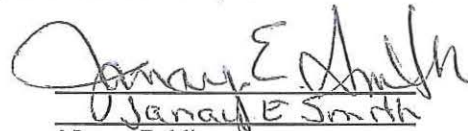
City of Anderson, Indiana

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 14th day of March 2017, 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.

  
Janay E. Smith

Notary Public

My County of Residence: Madison

My Commission Expires:  
April 3, 2020



Anderson Municipal Power & Light  
Anderson, Indiana

Proposed Rate Adjustment Applicable to the 2nd Quarter 2017  
and Supporting Schedules

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-17 (a)		\$23.423	\$0.030565	1
2	BASE RATE EFFECTIVE 31-Dec-12 (b)		\$16.872	\$0.032134	2
3	INCREMENTAL CHANGE IN BASE RATE (c)		\$6.551	(\$0.001569)	3

- 
- (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 & POWER

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

Apr-17                      May-17                      Jun-17

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)	136,592		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-17	May-17	Jun-17	TOTAL	ESTIMATED 3 MONTH AVERAGE	LINE NO.
		Apr-17 (A)	May-17 (B)	Jun-17 (C)		(D)	
PURCHASED POWER FROM IMPA							
1	KW DEMAND	106,424	139,974	163,379	409,777	136,592	1
2	KWH ENERGY	64,128,968	63,223,769	78,769,129	206,121,866	68,707,289	2
INCREMENTAL PURCHASED POWER COSTS							
DEMAND RELATED							
3	ECA FACTOR PER KW	0.416	0.416	0.416		0.416	3
4	CHARGE (a)	\$44,272.38	\$58,229.18	\$67,965.66	\$170,467.23	\$56,822.41	4
ENERGY RELATED							
5	ECA FACTOR PER KWH	(0.001775)	(0.001775)	(0.001775)		(0.001775)	5
6	CHARGE (b)	(\$113,828.92)	(\$112,222.19)	(\$139,815.20)	(\$365,866.31)	(\$121,955.44)	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-17                      May-17                      Jun-17

LINE NO.	DESCRIPTION	DEMAND RELATED (A)	ENERGY RELATED (B)	LINE NO.
1	INCREMENTAL CHANGE IN BASE RATE (a)	\$6.551	-\$0.001569	1
2	ESTIMATED SAVINGS (LOSS) FROM DEDICATED CAPACITY PAYMENTS (b)	\$0.000000	--	2
3	ESTIMATED PURCHASED POWER ENERGY COST ADJUSTMENT (c)	\$0.416000	-\$0.001775	3
4	ESTIMATED TOTAL CHANGE IN PURCHASED POWER RATE	\$6.967062	-\$0.003344	4
5	EST CHANGE IN PURCHASED POWER RATE ADJ FOR LOSSES & GR INCOME TAX (d)	\$7.230206	-\$0.003470	5
6	PLUS TRACKING FACTOR EFFECTIVE PRIOR TO JANUARY 27, 1983 (e)	\$0.000	\$0.000000	6
7	ESTIMATED TOTAL RATE ADJUSTMENT	\$7.230206	-\$0.003470	7
8	ESTIMATED AVERAGE BILLING UNITS (f)	136,592	68,707,289	8
9	ESTIMATED INCREMENTAL CHANGE IN PURCHASED POWER COST (g)	\$987,588.30	(\$238,414.29)	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)

= 0.963604917

(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 (%) (a) (A)	KWH ENERGY ALLOCATOR (%) (a) (B)	Apr-17	May-17	Jun-17			LINE NO.
				ALLOCATED ESTIMATED KW PURCHASED (b) (C)	ALLOCATED ESTIMATED KWH PURCHASED (c) (D)	INCREMENTAL CHANGE IN PURCHASED POWER COST ADJ FOR LINE LOSSES & GROSS RECEIPTS TAX			
						DEMAND (d) (E)	ENERGY (e) (F)	TOTAL (G)	
1	RS	39.712%	35.414%	54,242.7	24,332,011	\$392,186.13	(\$84,432.08)	\$307,754.05	1
2	GS 10	4.794%	4.275%	6,548.4	2,937,461	\$47,345.97	(\$10,192.99)	\$37,152.98	2
3	GS 30	10.426%	9.298%	14,241.2	6,388,251	\$102,966.94	(\$22,167.23)	\$80,799.71	3
4	SP	17.236%	15.371%	23,543.4	10,560,998	\$170,223.68	(\$36,646.66)	\$133,577.02	4
5	LP	13.626%	16.096%	18,612.4	11,059,348	\$134,571.74	(\$38,375.94)	\$96,195.80	5
6	N/A	0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	6
7	LP Off-Peak	0.929%	1.396%	1,268.9	959,481	\$9,174.70	(\$3,329.40)	\$5,845.30	7
8	IP	12.413%	16.589%	16,954.6	11,397,800	\$122,585.39	(\$39,550.37)	\$83,035.02	8
9	CL	0.046%	0.067%	63.0	46,284	\$455.28	(\$160.60)	\$294.68	9
10	SL	0.304%	0.555%	415.2	381,209	\$3,002.27	(\$1,322.79)	\$1,679.48	10
11	OL	0.514%	0.938%	702.1	644,445	\$5,076.20	(\$2,236.23)	\$2,839.97	11
12	N/A	0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	12
13	TOTAL	100.000%	100.000%	136,591.9	68,707,288	\$987,588.30	(\$238,414.29)	\$749,174.01	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:

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 (A)	ENERGY (B)	DEMAND (b) (C)	ENERGY (c) (D)	TOTAL (E)	DEMAND (F)	ENERGY (G)	TOTAL (H)	
1	RS	\$41,243.24	(\$1,043.01)	\$433,429.37	(\$85,475.09)	\$347,954.28	0.017813	(0.003513)	0.014300	1
2	GS 10	\$2,397.67	(\$48.59)	\$49,743.64	(\$10,241.58)	\$39,502.05	0.016934	(0.003487)	0.013448	2
3	GS 30	(\$106.70)	\$48.21	\$102,860.24	(\$22,119.02)	\$80,741.22	0.016101	(0.003462)	0.012639	3
4	SP	(\$12,531.39)	\$80.63	\$157,692.29	(\$36,566.03)	\$121,126.26	0.014932	(0.003462)	0.011469 (f)	4
5	LP	(\$26,060.48)	\$309.01	\$108,511.26	(\$38,066.93)	\$70,444.33	0.009812	(0.003442)	0.006370	5
6	N/A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.000000	0.000000	0.000000	
7	LP Off-Peak	(\$2,696.16)	\$30.21	\$6,478.54	(\$3,299.19)	\$3,179.35	0.006752	(0.003439)	0.003314	6
8	IP	\$10,936.46	\$131.25	\$133,521.85	(\$39,419.12)	\$94,102.74	0.011715	(0.003458)	0.008256	7
9	CL	(\$8.65)	\$0.74	\$446.63	(\$159.86)	\$286.76	0.009650	(0.003454)	0.006196	
10	SL	(\$465.48)	\$32.43	\$2,536.79	(\$1,290.36)	\$1,246.43	0.006655	(0.003385)	0.003270	
11	OL	(\$1,093.18)	\$73.72	\$3,983.02	(\$2,162.51)	\$1,820.51	0.006181	(0.003356)	0.002825	8
12	N/A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.000000	0.000000	0.000000	
13	TOTAL	\$11,615.32	(\$385.40)	\$999,203.62	(\$238,799.69)	\$760,403.93	0.014543	(0.003476)	0.011067	10

(a) Exhibit IV, Page 4 of 7, Columns D and E divided by (1 - loss factor)(.986) = 0.963604917  
 (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,  
2017

LINE NO.	Demand Related Adjustment Factors		
<u>Rate SP</u>			
1	From Attachment A, Page 3 of 3, Column C, Line 4		\$157,692.29
2	From Attachment A, Page 2 of 3, Column C, Line 4		23,543.40 kW
3	Line 1 divided by Line 2		\$ 6.698
4	Line 3 multiplied by	74.817% *	\$ 5.011
5	Demand Related Rate Adjustment Factor		\$ 5.011 per KW
<u>Rate LP</u>			
6	From Attachment A, Page 3 of 3, Column D, Line 5		\$108,511.26
7	From Attachment A, Page 2 of 3, Column D, Line 5		18,612.40 KVA
8	Line 6 divided by Line 7		\$ 5.830
9	Line 8 multiplied by:	84.485% *	\$ 4.926
10	Demand Related Rate Adjustment Factor		\$ 4.926 per KVA
<u>Rate LP Off-Peak</u>			
11	From Attachment A, Page 3 of 3, Column D, Line 7		\$6,478.54
12	From Attachment A, Page 2 of 3, Column D, Line 7		1,268.90 KVA
13	Line 11 divided by Line 12		\$ 5.106
14	Line 13 multiplied by:	79.651% *	\$ 4.067
15	Demand Related Rate Adjustment Factor		\$ 4.067 per KVA
<u>Rate IP</u>			
16	From Attachment A, Page 3 of 3, Column D, Line 8		\$133,521.85
17	From Attachment A, Page 2 of 3, Column D, Line 8		16,955 kW
18	Line 16 divided by Line 17		\$ 7.875
19	Line 18 multiplied by:	80.308% *	\$ 6.324
20	Demand Related Rate Adjustment Factor		\$ 6.324 per KW



ANDERSON MUNICIPAL LIGHT & POWER

RECONCILIATION OF VARIANCES FOR THE  
THREE MONTHS OF

LINE NO.	DESCRIPTION	Oct-16	Nov-16	Dec-16	LINE NO.
			DEMAND RELATED (A)	ENERGY RELATED (B)	
1	INCREMENTAL CHANGE IN BASE RATE (a)		\$5.783	(\$0.0016090)	1
2	ACTUAL SAVINGS FROM DEDICATED CAPACITY PAYMENTS (b)		--	--	2
3	ACTUAL PURCHASED POWER ENERGY COST ADJUSTMENT (c)		\$0.038	\$0.0012740	3
4	TOTAL RATE ADJUSTMENT (d)		\$5.821	(\$0.0003350)	4
5	ACTUAL AVERAGE BILLING UNITS (e)		123,483	69,094,793	5
6	ACTUAL INCREMENTAL CHANGE IN PURCHASED POWER COST (f)		\$718,794.54	(\$23,146.76)	6

(a) Attachment 1, Page 1 of 3, Line 1 of Tracker filing for the three months of:  
Oct-16      Nov-16      Dec-16

- (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	KW DEMAND ALLOCATOR (%) (a) (A)	KWH ENERGY ALLOCATOR (%) (a) (B)	ALLOCATED ACTUAL KW PURCHASED (b) (C)	ALLOCATED ACTUAL KWH PURCHASED (c) (D)	INCREMENTAL CHANGE IN PURCHASED POWER COST			LINE NO.
						DEMAND (d) (E)	ENERGY (e) (F)	TOTAL (G)	
1	RS	39.712%	35.414%	49,037.0	24,469,241	\$285,444.09	(\$8,197.20)	\$277,246.89	1
2	GS 10	4.794%	4.275%	5,919.9	2,954,028	\$34,459.73	(\$989.60)	\$33,470.13	2
3	GS 30	10.426%	9.298%	12,874.5	6,424,281	\$74,942.24	(\$2,152.13)	\$72,790.11	3
4	SP	17.236%	15.371%	21,283.9	10,620,562	\$123,893.58	(\$3,557.89)	\$120,335.69	4
5	LP	13.626%	16.096%	16,826.2	11,121,722	\$97,945.10	(\$3,725.78)	\$94,219.32	5
6	N/A	0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	6
7	LP Off-Peak	0.929%	1.396%	1,147.2	964,892	\$6,677.60	(\$323.24)	\$6,354.36	7
8	IP	12.413%	16.589%	15,327.5	11,462,083	\$89,221.09	(\$3,839.80)	\$85,381.29	8
9	CL	0.046%	0.067%	56.9	46,545	\$331.36	(\$15.59)	\$315.77	9
10	SL	0.304%	0.555%	375.4	383,359	\$2,185.14	(\$128.43)	\$2,056.71	10
11	OL	0.514%	0.938%	634.7	648,080	\$3,694.60	(\$217.11)	\$3,477.49	11
12	N/A	0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	12
13	TOTAL	100.000%	100.000%	123,483.0	69,094,793	\$718,794.54	(\$23,146.76)	\$695,647.78	13

(a) Historical allocators from Exhibit V Columns (F) and (H) for the months Oct-16 Nov-16 Dec-16  
 (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

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-16	Nov-16	Dec-16	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)		INCREMENTAL KWH ENERGY COST BILLED BY MEMBER (e)	DEMAND (f)	
		(A)	(A)	(B)	(C)	(D)	(E)	(F)	(G)	
1	RS	21,699,448		0.013868	(0.000409)	\$296,714.95	(\$8,750.82)	\$51,013.05	(\$1,558.67)	1
2	GS 10	2,785,244		0.012688	(0.000372)	\$34,844.43	(\$1,021.61)	\$2,695.10	(\$78.83)	2
3	GS 30	6,461,556		0.012036	(0.000355)	\$76,682.49	(\$2,261.74)	\$1,637.43	(\$63.15)	3
4	SP	10,691,477	30,770	4.427000	(0.000357)	\$134,311.32	(\$3,763.42)	(\$1,657.57)	(\$127.84)	4
5	LP	11,878,377	25,161	4.623000	(0.000329)	\$114,692.98	(\$3,853.27)	(\$8,364.13)	\$170.27	5
6	N/A	0	0	0.000000	0.000000	\$0.00	\$0.00	\$0.00	\$0.00	
7	LP Off-Peak	1,090,600	2,031	4.392000	(0.000261)	\$8,795.96	(\$280.66)	(\$479.67)	\$71.69	6
8	IP	11,655,467	16,831	5.769000	(0.000343)	\$95,736.77	(\$3,941.86)	\$17,054.11	\$24.42	7
9	CL	48,003		0.006738	(0.000319)	\$318.92	(\$15.10)	(\$20.78)	\$1.20	8
10	SL	457,026		0.006329	(0.000403)	\$2,852.02	(\$181.60)	\$218.34	(\$21.92)	9
11	OL	815,357		0.006490	(0.000409)	\$5,217.58	(\$328.81)	\$469.59	(\$40.67)	10
12	N/A	0		0.000000	0.000000	\$0.00	\$0.00	\$0.00	\$0.00	
13										
14	TOTAL	67,582,555	74,793			\$770,167.42	(\$24,398.89)	\$62,565.47	(\$1,623.50)	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-16	Nov-16	Dec-16
Oct-16	Nov-16	Dec-16
0.986		
0.986		
Oct-16	Nov-16	Dec-16
Oct-16	Nov-16	Dec-16

ANDERSON MUNICIPAL LIGHT & POWER

RECONCILIATION OF VARIANCES FOR THE  
THREE MONTHS OF:

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	\$245,701.90	(\$7,192.15)	\$238,509.75	\$39,742.19	(\$1,005.05)	\$38,737.14	1
2	GS 10	\$32,149.33	(\$942.78)	\$31,206.55	\$2,310.40	(\$46.82)	\$2,263.58	2
3	GS 30	\$75,045.06	(\$2,198.59)	\$72,846.47	(\$102.82)	\$46.46	(\$56.36)	3
4	SP	\$135,968.89	(\$3,635.58)	\$132,333.31	(\$12,075.31)	\$77.69	(\$11,997.62)	4
5	LP	\$123,057.11	(\$4,023.54)	\$119,033.56	(\$25,112.01)	\$297.76	(\$24,814.24)	5
6	N/A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	6
7	LP Off-Peak	\$9,275.63	(\$352.35)	\$8,923.28	(\$2,598.03)	\$29.11	(\$2,568.92)	7
8	IP	\$78,682.66	(\$3,966.28)	\$74,716.38	\$10,538.43	\$126.48	\$10,664.91	8
9	CL	\$339.70	(\$16.30)	\$323.40	(\$8.34)	\$0.71	(\$7.63)	9
10	SL	\$2,633.68	(\$159.68)	\$2,474.00	(\$448.54)	\$31.25	(\$417.29)	10
11	OL	\$4,747.99	(\$288.14)	\$4,459.85	(\$1,053.39)	\$71.03	(\$982.36)	11
12	N/A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	12
13								
14	TOTAL	\$707,601.95	(\$22,775.39)	\$684,826.56	\$11,192.58	(\$371.38)	\$10,821.20	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-16	Nov-16	Dec-16	TOTAL (D)	AVERAGE (E)	LINE NO.
		October (A)	November (B)	December (C)			
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)	124,840	109,093	136,516	370,449	123,483	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.

ANDERSON MUNICIPAL LIGHT & POWER

DETERMINATION OF ACTUAL ENERGY COST ADJUSTMENT  
FOR THE THREE MONTHS OF:

LINE NO.	DESCRIPTION	Oct-16	Nov-16	Dec-16	TOTAL	ACTUAL 3 MONTH AVERAGE	LINE NO.
		(A)	(B)	(C)			
PURCHASED POWER FROM IMPA							
1	KW DEMAND (a)	124,840	109,093	136,516	370,449	123,483	1
2	KWH ENERGY (a)	65,384,256	65,148,192	76,751,932	207,284,380	69,094,793	2
INCREMENTAL PURCHASED POWER COSTS							
DEMAND RELATED							
3	ECA FACTOR PER KW (a)	0.038	0.038	0.038		0.038	3
4	CHARGE (b)	\$4,743.92	\$4,145.53	\$5,187.61	\$14,077.06	\$4,692.35	4
ENERGY RELATED							
5	ECA FACTOR PER KWH (a)	0.001274	0.001274	0.001274		0.001274	5
6	CHARGE (c)	\$83,299.54	\$82,998.80	\$97,781.96	\$264,080.30	\$88,026.77	6

(a) From IMPA bills for the months of: Oct-16 Nov-16 Dec-16  
 (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-16	Nov-16	Dec-16	TOTAL	AVERAGE	LINE NO.
		(A)	(B)	(C)			
1	RS	24,517,305	18,194,051	22,386,989	65,098,345	21,699,448	1
2	GS 10	3,087,444	2,605,592	2,662,696	8,355,732	2,785,244	2
3	GS 30	7,109,431	6,267,427	6,007,809	19,384,667	6,461,556	3
4	SP	12,072,766	10,375,887	9,625,777	32,074,430	10,691,477	4
5	LP	12,734,290	11,638,190	11,262,650	35,635,130	11,878,377	5
6	N/A	0	0	0	0	0	
7	LP Off-Peak	1,054,200	1,066,800	1,150,800	3,271,800	1,090,600	6
8	IP	12,712,000	11,704,000	10,550,400	34,966,400	11,655,467	7
9	CL	48,003	48,003	48,003	144,009	48,003	
10	SL	438,604	461,759	470,715	1,371,078	457,026	
11	OL	760,806	807,998	877,266	2,446,070	815,357	8
12	N/A	0	0	0			
13	TOTAL	74,534,849	63,169,707	65,043,105	202,747,661	67,582,555	10

DETERMINATION OF ACTUAL AVERAGE KW/KVA SALES

LINE NO.	RATE SCHEDULE		Oct-16	Nov-16	Dec-16	TOTAL	AVERAGE
			(A)	(B)	(C)	(D)	(E)
14			0	0	0	0	0
15			0	0	0	0	0
16	GS3		34,160	39,541	32,784	106,485	35,495
17	SP	NCF	32,350	30,087	29,873	92,310	30,770
18	LP	NCF	26,660	25,007	23,817	75,484	25,161
19			0	0	0	0	0
20	LP Off-Peak	NCF	1,693	1,880	2,521	6,093	2,031
21	IP	CP	17,832	16,620	16,040	50,492	16,831
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
26	TOTAL		112,696	113,134	105,035	330,865	110,288

**ANDERSON MUNICIPAL LIGHT & 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	General Service										Total (K)
		Residential RS (A)	Single Phase GS 10 (B)	Three Phase GS 30 (C)	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)	
1	January-16	25,999,126	2,991,693	6,055,326	9,981,973	10,183,910	961,800	10,785,600	47,795	506,384	855,819	68,369,426
2	February	31,353,917	3,439,223	6,397,239	10,342,630	10,459,940	961,800	11,737,600	47,795	423,012	714,729	75,877,885
3	March	26,829,502	3,151,757	6,036,510	9,960,276	10,670,420	1,150,800	11,625,600	47,795	375,044	712,827	70,560,531
4	April	21,187,465	2,686,522	6,127,387	9,717,374	10,313,160	810,600	9,934,400	47,795	356,677	585,863	61,767,243
5	May	19,165,066	2,608,727	5,580,606	9,805,521	11,182,460	1,146,600	10,572,800	47,795	315,061	519,388	60,944,024
6	June	20,071,461	2,732,737	6,300,696	10,404,873	11,146,050	961,800	12,331,200	47,795	315,061	449,263	64,760,936
7	July	27,748,674	3,279,731	7,250,597	12,057,814	12,163,330	718,200	12,824,000	47,795	324,842	491,615	76,906,598
8	August	32,645,856	3,598,788	7,962,466	13,040,211	12,351,460	1,016,400	14,134,400	47,795	357,573	576,334	85,731,283
9	September	31,856,779	3,608,496	8,181,640	13,675,124	13,138,800	907,200	12,532,800	48,003	386,006	645,551	84,980,399
10	October	24,517,305	3,087,444	7,109,431	12,072,766	12,734,290	1,054,200	12,712,000	48,003	438,604	760,806	74,534,849
11	November	18,194,051	2,605,592	6,267,427	10,375,887	11,638,190	1,066,800	11,704,000	48,003	461,759	807,998	63,169,707
12	December	<u>22,386,989</u>	<u>2,662,696</u>	<u>6,007,809</u>	<u>9,625,777</u>	<u>11,262,650</u>	<u>1,150,800</u>	<u>10,550,400</u>	<u>48,003</u>	<u>470,715</u>	<u>877,266</u>	<u>65,043,105</u>
13	Total	301,956,191	36,453,406	79,277,134	131,060,226	137,244,660	11,907,000	141,444,800	574,372	4,730,738	7,997,459 *	852,645,986
14	Percent of Total (b)	<u>35.4140%</u>	<u>4.2753%</u>	<u>9.2978%</u>	<u>15.3710%</u>	<u>16.0963%</u>	<u>1.3965%</u>	<u>16.5889%</u>	<u>0.0674%</u>	<u>0.5548%</u>	<u>0.9380%</u>	<u>100.0000%</u>
15	kWh Energy Factors (a)	<u>37.215%</u>	<u>4.302%</u>	<u>9.644%</u>	<u>16.043%</u>	<u>14.758%</u>	<u>1.323%</u>	<u>15.179%</u>	<u>0.076%</u>	<u>0.562%</u>	<u>0.898%</u>	<u>100.0000%</u>
16	Percent Variance (c)	-4.840%	-0.621%	-3.589%	-4.189%	9.071%	5.540%	9.288%	-11.843%	-1.240%	4.507%	
17	Coincident Demands (kW)							204,921				<u>IMPA kW</u> 1,654,851
18	kW Demand Factors (a)	<u>41.632%</u>	<u>4.813%</u>	<u>10.788%</u>	<u>17.947%</u>	<u>12.463%</u>	<u>0.878%</u>	<u>10.628%</u>	<u>0.052%</u>	<u>0.307%</u>	<u>0.491%</u>	<u>100.0000%</u>
19	Adjusted Factors (d)	39.617%	4.783%	10.401%	17.195%	13.594%	0.927%	12.383%	0.046%	0.303%	0.513%	99.762%
20	Percent of Total (e)	<u>39.712%</u>	<u>4.794%</u>	<u>10.426%</u>	<u>17.236%</u>	<u>13.626%</u>	<u>0.929%</u>	<u>12.413%</u>	<u>0.046%</u>	<u>0.304%</u>	<u>0.514%</u>	<u>100.000%</u>

\* 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 2016. Proposed kWh Energy allocator for year 2017.

(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 2017.



**INDIANA MUNICIPAL POWER AGENCY  
ECA ESTIMATES FOR APRIL, MAY and JUNE  
2017 - 2ND QUARTER**

	APR	MAY	JUN	APR	MAY	JUN
	<u>\$/kW-month</u>			<u>\$/kWh</u>		
IMPA's Energy Cost Adjustment	0.416	0.416	0.416	(0.001775)	(0.001775)	(0.001775)
	<u>kW</u>			<u>kWh</u>		
To develop these Energy Cost Adjustment factors, IMPA used the following estimated loads for <b>ANDERSON</b>	106,424	139,974	163,379	64,128,968	63,223,769	78,769,129



# IMPA

INDIANA MUNICIPAL POWER AGENCY

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

**Due Date:**  
**12/14/16**

**Amount Due:**  
**\$4,924,479.75**

Billing Period: October 1 to 31, 2016 Invoice No: INV0006855  
 Invoice Date: 11/14/16

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	124,840	17,284	99.06%	10/06/16	1600	70.40%
CP Billing Demand:	124,840	17,284	99.06%	10/06/16	1600	70.40%
kvar at 97% PF:		31,288				
Reactive Demand:		-				

Energy	kWh
AEP Interconnections:	43,733,543
IMPA CT Site:	13,908,419
Webster St:	7,742,280
Anderson Dist. Gen.:	14
Anderson Solar:	-
<b>Total Energy:</b>	<b>65,384,256</b>

History	Oct 2016	Oct 2015	2016 YTD
Max Demand (kW):	124,840	106,985	173,686
CP Demand (kW):	124,840	106,985	173,686
Energy (kWh):	65,384,256	63,339,447	730,562,155
CP Load Factor:	70.40%	79.58%	
HDD/CDD (Indianapolis):	170/45	258/14	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 22.230 / kW x	124,840	\$ 2,775,193.20
ECA Demand Charge:	\$ 0.038 / kW x	124,840	\$ 4,743.92
Delivery Voltage Charge - 34.5 kV to 138 kV:	\$ 0.787 / kW x	83,086	\$ 65,388.68
<b>Total Demand Charges:</b>			<b>\$ 2,845,325.80</b>
Base Energy Charge:	\$ 0.030525 / kWh x	65,384,256	\$ 1,995,854.41
ECA Energy Charge:	\$ 0.001274 / kWh x	65,384,256	\$ 83,299.54
<b>Total Energy Charges:</b>			<b>\$ 2,079,153.95</b>
<b>Average Purchased Power Cost: 7.53 cents per kWh</b>			<b>Total Purchased Power Charges: \$ 4,924,479.75</b>

Other Charges and Credits

**NET AMOUNT DUE: \$ 4,924,479.75**

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 12/14/16

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:**  
**01/13/17**

**Amount Due:**  
**\$4,544,246.76**

Billing Period: November 1 to 30, 2016

Invoice No: INV0006994  
Invoice Date: 12/14/16

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	110,107	10,620	99.54%	11/23/16	1200	82.18%
CP Billing Demand:	109,093	9,520	99.62%	11/22/16	1000	82.94%
kvar at 97% PF:		27,341				
Reactive Demand:		-				

Energy	kWh
AEP Interconnections:	41,605,041
IMPA CT Site:	14,939,619
Webster St:	8,603,532
Anderson Dist. Gen.:	-
Anderson Solar:	-
<b>Total Energy:</b>	<b>65,148,192</b>

History	Nov 2016	Nov 2015	2016 YTD
Max Demand (kW):	110,107	113,090	173,686
CP Demand (kW):	109,093	108,240	173,686
Energy (kWh):	65,148,192	65,329,598	795,710,347
CP Load Factor:	82.94%	83.83%	
HDD/CDD (Indianapolis):	503/5	509/4	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 22.230 / kW x	109,093	\$ 2,425,137.39
ECA Demand Charge:	\$ 0.038 / kW x	109,093	\$ 4,145.53
Delivery Voltage Charge - 34.5 kV to 138 kV:	\$ 0.787 / kW x	55,040	\$ 43,316.48
Total Demand Charges:			\$ 2,472,599.40
Base Energy Charge:	\$ 0.030525 / kWh x	65,148,192	\$ 1,988,648.56
ECA Energy Charge:	\$ 0.001274 / kWh x	65,148,192	\$ 82,998.80
Total Energy Charges:			\$ 2,071,647.36
Average Purchased Power Cost: 6.98 cents per kWh			Total Purchased Power Charges: \$ 4,544,246.76

Other Charges and Credits

**NET AMOUNT DUE: \$ 4,544,246.76**

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 01/13/17

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:**  
**02/15/17**

**Amount Due:**  
**\$5,528,833.38**

Billing Period: December 1 to 31, 2016

Invoice No: INV0007080  
 Invoice Date: 01/16/17

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	136,516	6,344	99.89%	12/15/16	1900	75.57%
CP Billing Demand:	136,516	6,344	99.89%	12/15/16	1900	75.57%
kvar at 97% PF:		34,214				
Reactive Demand:		-				

Energy	kWh
AEP Interconnections:	47,225,568
IMPA CT Site:	18,096,793
Webster St:	11,429,544
Anderson Dist. Gen.:	27
Anderson Solar:	-
<b>Total Energy:</b>	<b>76,751,932</b>

History	Dec 2016	Dec 2015	2016 YTD
Max Demand (kW):	136,516	114,249	173,686
CP Demand (kW):	136,516	114,036	173,686
Energy (kWh):	76,751,932	69,632,948	872,462,279
CP Load Factor:	75.57%	82.07%	
HDD/CDD (Indianapolis):	1068/0	685/0	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 22.230 / kW x	136,516	\$ 3,034,750.68
ECA Demand Charge:	\$ 0.038 / kW x	136,516	\$ 5,187.61
Delivery Voltage Charge - 34.5 kV to 138 kV:	\$ 0.787 / kW x	61,322	\$ 48,260.41
Total Demand Charges:			\$ 3,088,198.70
Base Energy Charge:	\$ 0.030525 / kWh x	76,751,932	\$ 2,342,852.72
ECA Energy Charge:	\$ 0.001274 / kWh x	76,751,932	\$ 97,781.96
Total Energy Charges:			\$ 2,440,634.68
Average Purchased Power Cost: 7.20 cents per kWh			Total Purchased Power Charges: \$ 5,528,833.38

Other Charges and Credits

**NET AMOUNT DUE: \$ 5,528,833.38**

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 02/15/17  
 Questions, please call: 317-573-9955

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