



Crawfordsville Electric Light & Power

P.O. Box 428 • 808 Lafayette Road • Crawfordsville, IN 47933

Phone (765) 362-1900 • Fax (765) 364-8224 • www.celp.com

125 YEARS OF SERVICE

Received: November 17, 2016

IURC 30-Day Filing No.: 50012

Indiana Utility Regulatory Commission

November 1, 2016

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: Crawfordsville Electric Light & Power
30 Day Filing Pursuant to 170 IAC 1-6-1 et seq.

Dear Ms. Becerra:

Enclosed please find documents in support of our filing for a 30 Day Filing by Crawfordsville Electric Light & Power pursuant to 170 IAC Rule 6. The purpose of our filing is to implement an average change in the rates for electric service charged by its supplier, Indiana Municipal Power Agency, This request is allowable pursuant to 170 IAC 1-6-3 of Rule 6 because it entails Cause # 36835-2 dated 12-13-1989: A filing for which the commission has already approved or accepted the procedure for the change.

Affected customers have been notified as required under 170 IAC 1-6-6. Notice was published in the Journal Review on 11-5-2016. In addition, the Legal Notice has been placed on the utility website rates page (www.celp.com) and has been posted in a public place in the Crawfordsville Electric Light & Power customer service office(s). The contact information, including every person who may need to be contacted, regarding this request is:

Mr. Phillip R. Goode
765-362-1900
808 Lafayette Road
P.O. Box 428
Crawfordsville, IN 47933-0428
765/364-8224 (fax) philg@celp.com

The proposed rate adjustment will apply to electric customer bills during the three months of January, February, and March 2017. The average residential customer using 860 kWh will see a decrease of approximately \$-5.870 or -5.7%.

Ms. Mary Beccera

Page 2

RE: Crawfordsville Electric Light & Power
30 Day Filing Pursuant to 170 IAC 1-6-1 et seq.

Attached are the applicable tariff sheets and/or all working papers supporting this filing. 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. Please feel free to contact our office if there are any questions concerning any of the documents provided. Thank you for your assistance with this 30 Day Filing.

Yours truly,



Phillip R. Goode
Manager

Attachments



Crawfordsville Electric Light & Power

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Phone (765) 362-1900 • Fax (765) 364-8224 • www.celp.com

125 YEARS OF SERVICE

November 1, 2016

Mr. Brad Borum
Indiana Utility Regulatory Commission
Electricity Division
101 W Washington St., Suite 1500 East
Indianapolis, IN 46204-3407

TO THE INDIANA UTILITY REGULATORY COMMISSION

1. Crawfordsville Electric Light & Power, 808 Lafayette Rd., Crawfordsville, 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 Regulatory Commission for its approval, changes in the schedule of rates for electricity sold as follows:

Residential Service	Decrease of:	\$ (0.006828) per kWh
Gen. Power & Municipal Power	Decrease of:	\$ (0.004503) per kWh
Primary Power Service	Increase of:	\$ 0.389108 per kVA
	Decrease of:	\$ (0.003201) per kWh
Outdoor Lighting	Decrease of:	\$ (0.005208) per kWh
Street Lighting	Decrease of:	\$ (0.008319) per kWh
Traffic Lighting	Decrease of:	\$ (0.001983) per kWh

2. The accompanying changes in the schedule 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 January 2017 billing cycle.

CRAWFORDSVILLE ELECTRIC LIGHT & POWER

BY: Phillip R. Goode
Phillip R. Goode

PRG/kc
Enclosure

STATE OF INDIANA)
) SS:
COUNTY OF MONTGOMERY)

Personally appeared before me, a Notary Public in and for said county and state, this 14 day of NOVEMBER ~~2018~~, Phillip R. Goode, who after having been duly sworn according to law, stated that that he or she is an officer of Crawfordsville Electric Light & Power, Crawfordsville, 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.

Andrea McArthur

Andrea McArthur

Notary Public

My County of Residence: Montgomery

My Commission Expires:
August 8, 2024

CRAWFORDSVILLE ELECTRIC LIGHT & POWER
Crawfordsville, Indiana

**Proposed Rate Adjustment Applicable to the 1st Quarter 2017
and Supporting Schedules**

**For use with rates approved under IURC Cause No. 44684
January, February, and March, 2017**

LEGAL NOTICE

Crawfordsville Electric Light & Power has made a filing for a purchase power and energy tracking factor with the Indiana Utility Regulatory Commission in order to implement an average change in its rates for electric service charged by its supplier, Indiana Municipal Power Agency, pursuant to the Indiana Utility Regulatory Commission Order in Cause Number 36835-S3. The filing, if approved by the Commission, will be effective for energy consumed on or after the date of approval.

Rate RS	\$	(0.000292) per kWh
Rate GP & MP	\$	0.000530 per kWh
Rate PP	\$	2.234360 per kVA
Rate PP	\$	(0.004669) per kWh
Rate OL	\$	(0.001868) per kWh
Rate SL	\$	(0.001917) per kWh
Rate TS	\$	(0.001395) per kWh

Applicable: January, February and March, 2017

Any objection to this filing may be addressed to the following:

Indiana Office of Utility Consumer Counselor (OUCC)
115 W. Washington St., Suite 1500 South
Indianapolis, IN 46204
Toll Free: 1-888-441-2494
Voice/TDD: (317) 232-2494
Fax: (317) 232-5923
www.in.gov/iurc

Indiana Utility Regulatory Commission (IURC)
101 W. Washington St., Suite 1500 East
Indianapolis, IN 46204
Toll Free: 1-800-851-4268
Voice/TDD: (317) 232-2701
Fax: (317) 233-2410
www.in.gov/iurc

PROOF OF PUBLICATION

State of Indiana
Country of Montgomery

} ss:

Before me a Notary Public in and for the County of Montgomery and State of Indiana, personally appeared, **Shawn Storle**, who being duly sworn upon his oath, deposes and says, that he is Publisher of the Crawfordsville Journal Review, a public daily newspaper of general circulation in Montgomery County, State of Indiana, printed in the English language and printed and published daily at 119 North Green Street in the City of Crawfordsville, Montgomery County, State of Indiana, and that said Journal Review has been published continuously for more than five years last past, in said City and County; that the Notice of Publication, a true copy of which is hereto annexed was duly published in said newspaper, for
insertions, successively which publications were made ad follows:

First publication on the 5..... day of
November....., 2016
Second publication on the day of
....., 20__
Third publication on the day of
....., 20__
Fourth publication on the day of
....., 20__

And that all of said publications were made in full Compliance with the law.

Shawn Storle
.....

Subscribed and sworn to before me this 5
day of November....., 2016

Christine Susoff
.....
Notary Public

My commission expires April 1, 2021
Publisher's Fee 49.13.....

LEGAL NOTICE

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Fax: (317) 233-2410

www.in.gov/iurc

hspaxlp 11/5 11

ATTACH COPY OF ADVERTISEMENT HERE

CEL & P
(Governmental Unit)

To:

.....County, Indiana

PUBLISHER'S CLAIM

LINE COUNT

Display Master (Must not exceed two actual lines, neither of which shall total more than four solid lines of the type in which the body of the advertisement is set) -- number of equivalent lines

Head -- number of lines

Body -- number of lines

Tail -- number of lines

Total number of lines in notice

COMPUTATION OF CHARGES

...31... lines, ...4... columns wide equals 124 equivalent lines at 26¢/line \$ 32.75

Additional charges for notices containing rule or tabular work (50 per cent of above amount) 16.38

Charge for extra proofs of publication (\$1.00 for each proof in excess of two)

TOTAL AMOUNT OF CLAIM \$ 49.13

DATA FOR COMPUTING COST

Width of single column in picas 6 Size of type 8 point.

Number of insertions 1

Pursuant to the provisions and penalties of IC 5-11-10-1, I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of the same has been paid.

I also certify that the printed matter attached hereto is a true copy, of the same column width and type size, which was duly published in said paper times. The dates of publication being as follows:

November 5

Additionally, the statement checked below is true and correct:

- Newspaper does not have a Web site.
- Newspaper has a Web site and this public notice was posted on the same day as it was published in the newspaper.
- Newspaper has a Web site, but due to technical problem or error, public notice was posted on
- Newspaper has a Web site but refuses to post the public notice.

Date November 5, 2016

Brittany Nishub
Title Legal Book Keeper

PLEASE INCLUDE THIS NUMBER WITH YOUR REMITTANCE

A11161005473

CRAWFORDSVILLE ELECTRIC LIGHT & POWER
Crawfordsville, Indiana

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)	\$ (0.000292)	per KWH
Gen. Power & Municipal Power (GP & MP)	\$ 0.000530	per KWH
Primary Power Service (PP)	\$ 2.234360	per KVA
	\$ (0.004669)	per KWH
Outdoor Lighting (OL)	\$ (0.001868)	per KWH
Street Lighting (SL)	\$ (0.001917)	per KWH
Traffic Lighting (TS)	\$ (0.001395)	per KWH

Applicable: January, February and March, 2017

CRAWFORDSVILLE ELECTRIC LIGHT & POWER

Crawfordsville, Indiana

Appendix B

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

Residential Service	RS	\$ (0.000292)	per KWH
Gen. Power & Municipal Power	GP & MP	\$ 0.000530	per KWH
Primary Power Service	PP	\$ 2.234360	per KVA
		\$ (0.004669)	per KWH
Outdoor Lighting	OL	\$ (0.001868)	per KWH
Street Lighting	SL	\$ (0.001917)	per KWH
Traffic Lighting	TS	\$ (0.001395)	per KWH

Average Change in Schedule of Rates:

Residential Service	RS	Decrease	\$ (0.006828)	per KWH
Gen. Power & Municipal Power	GP & MP	Decrease	\$ (0.004503)	per KWH
Primary Power Service	PP	Increase	\$ 0.389108	per KVA
		Decrease	\$ (0.003201)	per KWH
Outdoor Lighting	OL	Decrease	\$ (0.005208)	per KWH
Street Lighting	SL	Decrease	\$ (0.008319)	per KWH
		Decrease	\$ -	per KWH
		Decrease	\$ -	per KWH
Traffic Lighting	TS	Decrease	\$ (0.001983)	per KWH

Applicable: January, February and March, 2017

CRAWFORDSVILLE ELECTRIC LIGHT & POWER

DETERMINATION OF INCREMENTAL CHANGE IN BASE RATE

LINE NO.	DESCRIPTION			DEMAND RELATED	ENERGY RELATED	LINE NO.
1	BASE RATE EFFECTIVE	01-Jan-17	(a)	\$22.965	\$0.030565	1
2	BASE RATE EFFECTIVE	01-Jan-15	(b)	\$20.984	\$0.033241	2
3	INCREMENTAL CHANGE IN BASE RATE (c)			\$1.981	(\$0.002676)	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

CRAWFORDSVILLE ELECTRIC LIGHT & POWER

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

LINE NO.	DESCRIPTION	Jan-17	Feb-17	Mar-17	LINE NO.
				DEMAND RELATED	
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	6
					NOT APPLICABLE
7	ESTIMATED MONTHLY COSTS/(SAVINGS) (c)			\$0.00	7
8	ESTIMATED AVERAGE MONTHLY KW (d)			57,893	8
9	ESTIMATED COSTS/(SAVINGS) PER KW (e)			\$0.0000	9

Note: The CEL&P Plant was sold as of 12/30/2013 - No cost is estimated for this quarter.

Approved as part of last CEL&P IURC Rate Case Cause #43773 dated 7/28/10.

(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 (CEL&P no longer receives monthly payment.)

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

CRAWFORDSVILLE ELECTRIC LIGHT & POWER

ESTIMATION OF ENERGY COST ADJUSTMENT
FOR THE THREE MONTHS OF:

LINE NO.	DESCRIPTION	Jan-17	Feb-17	Mar-17	TOTAL	ESTIMATED 3 MONTH AVERAGE	LINE NO.
		(A)	(B)	(C)			
PURCHASED POWER FROM IMPA							
1	KW DEMAND	60,721	58,530	54,429	173,680	57,893	1
2	KWH ENERGY	35,487,757	31,554,728	32,222,663	99,265,148	33,088,383	2
INCREMENTAL PURCHASED POWER COSTS							
DEMAND RELATED							
3	ECA FACTOR PER KW	0.416	0.416	0.416		0.416	3
4	CHARGE (a)	\$25,259.94	\$24,348.48	\$22,642.46	\$72,250.88	\$24,083.63	4
ENERGY RELATED							
5	ECA FACTOR PER KWH	(0.001775)	(0.001775)	(0.001775)		(0.001775)	5
6	CHARGE (b)	(\$62,990.77)	(\$56,009.64)	(\$57,195.23)	(\$176,195.64)	(\$58,731.88)	6

(a) Line 1 times Line 3

(b) Line 2 times Line 5

CRAWFORDSVILLE ELECTRIC LIGHT & POWER

DETERMINATION OF DEMAND RATE ADJUSTMENT FOR RATE SCHEDULE PP
For the Three Months of: January, February, and March
2017

LINE NO.	Demand Related Adjustment Factors		
	<u>Rate PP</u>		
1	From Attachment B, Page 3 of 3, Column C, Line 3		\$105,821.90
2	From Attachment B, Page 2 of 3, Column C, Line 3		41,301.30 kW
3	Line 1 divided by Line 2	\$	2.562193
4	Line 3 multiplied by 87.205% *	\$	2.234360
5	Demand Related Rate Adjustment Factor	\$	2.234360 per KVA

* Average Power Factor of the PP class.

CRAWFORDSVILLE ELECTRIC LIGHT & POWER
DETERMINATION OF RATE ADJUSTMENT FOR THE
THREE MONTHS OF
Jan-17 Feb-17 Mar-17

LINE NO.	DESCRIPTION	DEMAND RELATED (A)	ENERGY RELATED (B)	LINE NO.
1	INCREMENTAL CHANGE IN BASE RATE (a)	\$1.981	-\$0.002676	1
2	ESTIMATED SAVINGS (LOSS) FROM DEDICATED CAPACITY PAYMENTS (b)	\$0.000	--	2
3	ESTIMATED PURCHASED POWER ENERGY COST ADJUSTMENT (c)	\$0.416	-\$0.001775	3
4	ESTIMATED TOTAL CHANGE IN PURCHASED POWER RATE	\$2.397	-\$0.004451	4
5	EST CHANGE IN PURCHASED POWER RATE ADJ FOR LOSSES & GR INCOME TAX (d)	\$2.492	-\$0.004627	5
6	PLUS TRACKING FACTOR EFFECTIVE PRIOR TO JANUARY 27, 1983 (e)	\$0.000	\$0.000000	6
7	ESTIMATED TOTAL RATE ADJUSTMENT	\$2.492	-\$0.004627	7
8	ESTIMATED AVERAGE BILLING UNITS (f)	57,893	33,088,383	8
9	ESTIMATED INCREMENTAL CHANGE IN PURCHASED POWER COST (g)	\$144,269.36	(\$153,099.95)	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)

= 0.9620402

(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

CRAWFORDSVILLE ELECTRIC 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)	Jan-17	Feb-17	Mar-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	11.110%	20.527%	6,432.1	6,792,042	\$16,028.85	(\$31,426.78)	(\$15,397.93)	1
2	GP & MP	17.549%	13.753%	10,159.6	4,550,706	\$25,317.63	(\$21,056.12)	\$4,261.51	2
3	PP	71.341%	65.093%	41,301.3	21,538,142	\$102,922.88	(\$99,656.99)	\$3,265.89	3
4	IP	0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	4
5	OL	0.000%	0.286%	0.0	94,520	\$0.00	(\$437.34)	(\$437.34)	5
6	SL	0.000%	0.304%	0.0	100,460	\$0.00	(\$464.83)	(\$464.83)	6
7		0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	7
8		0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	8
9	TS	0.000%	0.038%	0.0	12,513	\$0.00	(\$57.90)	(\$57.90)	9
10		0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	10
11									
12	TOTAL	100.000%	100.000%	57,893.0	33,088,383	\$144,269.36	(\$153,099.95)	(\$8,830.59)	13

(a) Taken From Exhibit VII Rate Adjustments

(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

CRAWFORDSVILLE ELECTRIC 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	ENERGY	DEMAND (b)	ENERGY (c)	TOTAL	DEMAND	ENERGY	TOTAL	
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
1	RS	\$11,926.48	\$1,487.00	\$27,955.33	(\$29,939.78)	(\$1,984.45)	0.004116	(0.004408)	(0.000292)	1
2	GP & MP	(\$2,186.71)	\$336.53	\$23,130.92	(\$20,719.59)	\$2,411.33	0.005083	(0.004553)	0.000530	2
3	PP	\$2,899.02	(\$894.94)	\$105,821.90	(\$100,551.93)	\$5,269.96	0.004913	(0.004669)	0.000245	3
4	IP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.000000	0.000000	0.000000	4
5	OL	\$325.10	(\$64.32)	\$325.10	(\$501.66)	(\$176.56)	0.003439	(0.005307)	(0.001868)	5
6	SL	\$328.04	(\$55.76)	\$328.04	(\$520.59)	(\$192.55)	0.003265	(0.005182)	(0.001917)	
7		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.000000	0.000000	0.000000	6
8		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.000000	0.000000	0.000000	7
9	TS	\$43.00	(\$2.56)	\$43.00	(\$60.46)	(\$17.46)	0.003437	(0.004832)	(0.001395)	
10		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.000000	0.000000	0.000000	
11										
12	TOTAL	\$13,334.94	\$805.94	\$157,604.30	(\$152,294.01)	\$5,310.28	0.004763	(0.004603)	0.000160	10

(a) Exhibit IV, Page 4 of 7, Columns D and E divided by (1 - loss factor)(.986) = 0.9620402

(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)

CRAWFORDSVILLE ELECTRIC LIGHT & POWER

RECONCILIATION OF VARIANCES FOR THE
THREE MONTHS OF

LINE NO.	DESCRIPTION	Jul-16	Aug-16	Sep-16	LINE NO.
			DEMAND RELATED (A)	ENERGY RELATED (B)	
1	INCREMENTAL CHANGE IN BASE RATE (a)		\$1.246	(\$0.0027160)	1
2	ACTUAL SAVINGS FROM DEDICATED CAPACITY PAYMENTS (b)		\$0.000	--	2
3	ACTUAL PURCHASED POWER ENERGY COST ADJUSTMENT (c)		\$0.038	\$0.0012740	3
4	TOTAL RATE ADJUSTMENT (d)		\$1.284	(\$0.0014420)	4
5	ACTUAL AVERAGE BILLING UNITS (e)		74,265	39,070,080	5
6	ACTUAL INCREMENTAL CHANGE IN PURCHASED POWER COST (f)		\$95,356.26	(\$56,339.06)	6

(a) Attachment 1, Page 1 of 3, Line 1 of Tracker filing for the three months of:
Jul-16 Aug-16 Sep-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

CRAWFORDSVILLE ELECTRIC 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	26.114%	20.976%	19,393.6	8,195,340	\$24,901.33	(\$11,817.68)	\$13,083.65	1
2	GP & MP	15.510%	13.114%	11,518.5	5,123,650	\$14,789.76	(\$7,388.30)	\$7,401.46	2
3	PP	57.688%	65.296%	42,842.0	25,511,199	\$55,009.12	(\$36,787.15)	\$18,221.97	3
4	IP	0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	4
5	OL	0.322%	0.287%	239.1	112,131	\$307.05	(\$161.69)	\$145.36	5
6	SL	0.325%	0.290%	241.4	113,303	\$309.91	(\$163.38)	\$146.53	6
7		0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	7
8		0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	8
9	TS	0.041%	0.037%	30.4	14,456	\$39.10	(\$20.85)	\$18.25	9
10		0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	10
11									11
12	TOTAL	100.000%	100.000%	74,265.0	39,070,080	\$95,356.26	(\$56,339.06)	\$39,017.20	12

- (a) Adjusted allocators from Exhibit VII Rows (14) and (19) for the year 1900
 (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

CRAWFORDSVILLE ELECTRIC LIGHT & POWER

RECONCILIATION OF VARIANCES FOR THE
THREE MONTHS OF:

LINE NO.	RATE SCHEDULE	ACTUAL	ACTUAL	Jul-16	Aug-16	Sep-16	INCREMENTAL	INCREMENTAL	LESS PREVIOUS VARIANCE FOR MONTHS LISTED ABOVE		LINE NO.
		AVERAGE KWH SALES (a) (A)	AVERAGE KVA SALES (a) (A)	DEMAND ADJUSTMENT FACTOR PER KWH (b) (B)	ENERGY ADJUSTMENT FACTOR PER KWH (c) (C)	INCREMENTAL KW DEMAND COST BILLED BY MEMBER (d) (D)	INCREMENTAL KWH ENERGY COST BILLED BY MEMBER (e) (E)	DEMAND (f) (F)	ENERGY (g) (G)		
1	RS	8,757,481	-	0.002743	(0.001789)	\$23,685.47	(\$15,447.79)	\$10,257.89	(\$2,199.56)	1	
2	GP & MP	5,207,841	-	0.004461	(0.001773)	\$22,906.93	(\$9,104.23)	\$6,013.47	(\$1,392.18)	2	
3	PP	24,293,028	47,832.45	1.407666	(0.001408)	\$66,389.46	(\$33,725.72)	\$14,169.31	\$2,200.46	3	
4	IP	0	-	0.000000	0.000000	\$0.00	\$0.00	\$0.00	\$0.00	4	
5	OL	79,971	-	0.000215	(0.002185)	\$16.95	(\$172.29)	\$22.66	(\$72.48)	5	
6	SL	86,106	-	0.000208	(0.002139)	\$17.66	(\$181.60)	\$23.34	(\$71.87)	6	
7		0	-	0.000000	0.000000	\$0.00	\$0.00	\$0.00	\$0.00	7	
8		0	-	0.000000	0.000000	\$0.00	\$0.00	\$0.00	\$0.00	8	
9	TS	12,599	-	0.001461	(0.001649)	\$18.15	(\$20.48)	\$20.42	(\$2.10)	9	
10		0	-	0.000000	0.000000	\$0.00	\$0.00	\$0.00	\$0.00	10	
11										11	
12	TOTAL	38,437,026	47,832			\$113,034.61	(\$58,652.12)	\$30,507.09	(\$1,537.73)	12	

(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 :

Jul-16	Aug-16	Sep-16
Jul-16	Aug-16	Sep-16
0.986		
0.986		
Jul-16	Aug-16	Sep-16
Jul-16	Aug-16	Sep-16

CRAWFORDSVILLE ELECTRIC 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	\$13,427.58	(\$13,248.23)	\$179.34	\$11,473.75	\$1,430.55	\$12,904.31	1
2	GP & MP	\$16,893.46	(\$7,712.05)	\$9,181.41	(\$2,103.70)	\$323.75	(\$1,779.95)	2
3	PP	\$52,220.15	(\$35,926.18)	\$16,293.97	\$2,788.97	(\$860.97)	\$1,928.00	3
4	IP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	4
5	OL	(\$5.71)	(\$99.81)	(\$105.52)	\$312.76	(\$61.88)	\$250.88	5
6	SL	(\$5.68)	(\$109.73)	(\$115.41)	\$315.59	(\$53.65)	\$261.94	6
7		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	7
8		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	8
9	TS	(\$2.27)	(\$18.38)	(\$20.66)	\$41.37	(\$2.47)	\$38.91	9
10		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	10
11								11
12	TOTAL	\$82,527.52	(\$57,114.39)	\$25,413.13	\$12,828.75	\$775.34	\$13,604.09	12

- (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

CRAWFORDSVILLE ELECTRIC LIGHT & POWER
DETERMINATION OF ACTUAL DEDICATED CAPACITY PAYMENTS
FOR THE THREE MONTHS OF

LINE NO.	DESCRIPTION	Jul-16	Aug-16	Sep-16	TOTAL (D)	AVERAGE (E)	LINE NO.
		July (A)	August (B)	September (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)	73,432	75,120	74,244	222,796	74,265	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.

CRAWFORDSVILLE ELECTRIC LIGHT & POWER
DETERMINATION OF ACTUAL ENERGY COST ADJUSTMENT
FROM HISTORICAL DATA

LINE NO.	DESCRIPTION	Jul-16 (A)	Aug-16 (B)	Sep-16 (C)	TOTAL (D)	ACTUAL 3 MONTH AVERAGE (E)	LINE NO.
PURCHASED POWER FROM IMPA							
1	KW DEMAND (a)	73,432	75,120	74,244	222,796	74,265	1
2	KWH ENERGY (a)	39,786,454	41,548,830	35,874,957	117,210,241	39,070,080	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)	\$2,790.42	\$2,854.56	\$2,821.27	\$8,466.25	\$2,822.08	4
ENERGY RELATED							
5	ECA FACTOR PER KWH (a)	0.001274	0.001274	0.001274		0.001274	5
6	CHARGE (c)	\$50,687.94	\$52,933.21	\$45,704.70	\$149,325.85	\$49,775.28	6

(a) From IMPA bills for the months of:
(b) Line 1 times Line 3
(c) Line 2 times Line 5

Jul-16

Aug-16

Sep-16

CRAWFORDSVILLE ELECTRIC LIGHT & POWER

DETERMINATION OF ACTUAL AVERAGE KWH SALES
HISTORICAL DATA

LINE NO.	RATE SCHEDULE	Jul-16 (A)	Aug-16 (B)	Sep-16 (C)	TOTAL (D)	AVERAGE (E)	LINE NO.
1	RS	8,037,669	9,307,313	8,927,462	26,272,444	8,757,481	1
2	GP & MP	4,912,672	5,414,571	5,296,279	15,623,523	5,207,841	2
3	PP	24,629,661	25,340,175	22,909,247	72,879,083	24,293,028	3
4	IP	0	0	0	0	0	4
5	OL	71,474	79,707	88,733	239,914	79,971	5
6	SL	74,682	86,727	96,910	258,319	86,106	6
7		0	0	0	0	0	7
8		0	0	0	0	0	8
9	TS	12,599	12,599	12,599	37,797	12,599	9
10		0	0	0	0	0	10
11							11
12	TOTAL	37,738,757	40,241,092	37,331,230	115,311,079	38,437,026	12

DETERMINATION OF ACTUAL AVERAGE KW/KVA SALES

		Jul-16	Aug-16	Sep-16	TOTAL	AVERAGE	
13		0	0	0	0	0	13
14		0	0	0	0	0	14
15	PP	NCF 46,789	48,656	48,052	143,497	47,832	15
16	IP	NCF 0	0	0	0	0	16
17		0	0	0	0	0	17
18		0	0	0	0	0	18
19		0	0	0	0	0	19
20		0	0	0	0	0	20
21		0	0	0	0	0	21
22							22
23		46,789	48,656	48,052	143,497	47,832	23

CRAWFORDSVILLE ELECTRIC LIGHT & POWER
Crawfordsville, Indiana

CALCULATION OF LINE LOSS FACTOR
FOR YEAR 2015

Month	Metered kWh Sold	IMPA Metered kWh Purchased
January	31,896,145	36,060,624
February	35,811,195	33,703,128
March	32,576,162	33,977,232
April	30,794,906	30,066,192
May	28,515,910	33,018,912
June	32,296,727	36,312,408
July	35,822,151	38,404,368
August	38,989,348	37,995,624
September	36,748,209	35,524,630
October	34,188,444	32,363,666
November	28,593,142	30,547,053
December	31,054,735	32,741,317
Subtotal	397,287,074	410,715,154
Other Adjustments (ie Unmetered sales)	2,507,056	-950,040
Total	399,794,130	409,765,114
Estimated Losses kWh		9,970,984
Line Loss as percent of total purchases		2.43%

CRAWFORDSVILLE ELECTRIC LIGHT & POWER

Crawfordsville, 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 Service	Municipal Power	Primary Power Service	Industrial Power	Outdoor Lighting	Street Lighting	Traffic Lighting	Total (H)
		RS (A)	GP & MP (B)	PP (C)	IP (D)	OL (E)	SL (F)	TS (G)	
1	January	8,291,402	4,654,250	18,950,493	0	121,754	126,340	12,599	32,156,838
2	February	8,671,001	5,028,226	22,111,968	0	101,661	105,266	12,599	36,030,721
3	March	8,231,245	4,742,464	19,602,453	0	101,974	125,322	12,599	32,816,057
4	April*	6,046,014	4,113,114	20,635,778	0	85,854	86,887	12,599	30,980,246
5	May	4,713,254	3,746,598	20,056,058	0	70,860	77,254	12,599	28,676,623
6	June	5,793,675	4,396,389	22,106,663	0	63,614	66,822	12,599	32,439,762
7	July	7,312,261	4,932,561	23,577,329	0	70,643	74,623	12,599	35,980,016
8	August	8,868,220	5,553,461	24,567,667	0	82,554	86,744	12,599	39,171,245
9	September	7,466,626	5,070,867	24,210,716	0	92,250	96,850	12,599	36,949,908
10	October	5,698,667	4,592,697	23,897,080	0	108,250	114,051	12,599	34,423,344
11	November	4,894,866	4,045,583	19,652,693	0	116,137	121,156	12,599	28,843,034
12	December	6,078,382	4,108,210	20,868,143	0	126,499	132,503	12,599	31,326,336
13	Total	82,065,613	54,984,420	260,237,041	0	1,142,050	1,213,818	151,188	399,794,130
14	Percent of Total	(b) <u>20.5270%</u>	<u>13.7532%</u>	<u>65.0928%</u>	<u>0.0000%</u>	<u>0.2857%</u>	<u>0.3036%</u>	<u>0.0378%</u>	<u>100.0000%</u>
15	kWh Energy Factors	(a) 21.467%	14.028%	63.886%	0.000%	0.284%	0.296%	0.040%	<u>100.0000%</u>
16	Percent Variance	(c) -4.381%	-1.958%	1.889%	0.000%	0.748%	2.717%	-4.527%	
17	kW Demand Factors	(a) 11.673%	17.983%	70.344%	0.000%	0.000%	0.000%	0.000%	100.0000%
18	Adjusted Factors	(d) 11.162%	17.630%	71.673%	0.000%	0.000%	0.000%	0.000%	100.465%
19	Percent of Total	(e) <u>11.110%</u>	<u>17.549%</u>	<u>71.341%</u>	<u>0.000%</u>	<u>0.000%</u>	<u>0.000%</u>	<u>0.000%</u>	<u>100.000%</u>

* Billing period realignment, meter read dates shifted.

(a) Taken from Cost of Service Study based on Twelve Month Period ending December, 2014.

(b) kWh sales by rate classification expressed as a percent of total kWh sales for the year 2014. Proposed kWh Energy allocator for year 2015.

(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 2015.

ESTIMATED 2017 PURCHASED POWER SALES AND CHARGES BY MONTH

(based on IMPA's Projection of Load for each Member)

CRAWFORDSVILLE

Month	Billing Units		Load Factor	IMPA 2017 Wholesale Rate Components and ECA Factors						Projected Bill Totals	Average Cost Cents/kWh
	kW	kWh		Demand Charges	Energy Charge	Delivery Voltage Charge	ECA Charges*				
				\$ 22.965	\$ 0.030565	\$ -	Demand 0.416	Energy (0.001775)			
Jan	60,721	35,487,757	78.6%	\$ 1,394,457.77	\$ 1,084,683.29	\$ -	\$ 25,259.94	\$ (62,990.77)	\$ 2,441,410.23	6.880	
Feb	58,530	31,554,728	80.2%	\$ 1,344,141.45	\$ 964,470.26	\$ -	\$ 24,348.48	\$ (56,009.64)	\$ 2,276,950.55	7.216	
Mar	54,429	32,222,663	79.6%	\$ 1,249,961.99	\$ 984,885.69	\$ -	\$ 22,642.46	\$ (57,195.23)	\$ 2,200,294.92	6.828	
Apr	57,129	32,352,100	78.7%	\$ 1,311,967.49	\$ 988,841.94	\$ -	\$ 23,765.66	\$ (57,424.98)	\$ 2,267,150.11	7.008	
May	62,359	32,450,653	69.9%	\$ 1,432,074.44	\$ 991,854.21	\$ -	\$ 25,941.34	\$ (57,599.91)	\$ 2,392,270.08	7.372	
Jun	72,274	38,309,130	73.6%	\$ 1,659,772.41	\$ 1,170,918.56	\$ -	\$ 30,065.98	\$ (67,998.71)	\$ 2,792,758.25	7.290	
Jul	73,439	40,133,024	73.5%	\$ 1,686,526.64	\$ 1,226,665.88	\$ -	\$ 30,550.62	\$ (71,236.12)	\$ 2,872,507.02	7.157	
Aug	69,063	40,759,244	79.3%	\$ 1,586,031.80	\$ 1,245,806.29	\$ -	\$ 28,730.21	\$ (72,347.66)	\$ 2,788,220.64	6.841	
Sep	72,557	34,837,994	66.7%	\$ 1,666,271.51	\$ 1,064,823.29	\$ -	\$ 30,183.71	\$ (61,837.44)	\$ 2,699,441.07	7.749	
Oct	54,693	33,627,206	82.6%	\$ 1,256,024.75	\$ 1,027,815.55	\$ -	\$ 22,752.29	\$ (59,688.29)	\$ 2,246,904.30	6.682	
Nov	52,288	31,819,622	84.5%	\$ 1,200,793.92	\$ 972,566.75	\$ -	\$ 21,751.81	\$ (56,479.83)	\$ 2,138,632.65	6.721	
Dec	53,590	35,214,876	88.3%	\$ 1,230,694.35	\$ 1,076,342.68	\$ -	\$ 22,293.44	\$ (62,506.40)	\$ 2,266,824.07	6.437	
Total	741,072	418,768,997	77.4%	\$ 17,018,718.52	\$ 12,799,674.39	\$ -	\$ 308,285.95	\$ (743,314.97)	\$ 29,383,363.90	7.017	

* IMPA's ECA Demand and Energy charges are subject to change in July dependent upon the ECA balance as of March 31, 2017.



IMPA

INDIANA MUNICIPAL POWER AGENCY

Crawfordsville Electric Light & Power
 P.O. Box 428
 Crawfordsville, IN 47933

Due Date:
09/14/16

Amount Due:
\$2,900,494.53

Invoice No: INV0006436
 Invoice Date: 08/15/16

Billing Period: July 1 to 31, 2016

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	73,816	10,385	99.02%	07/21/16	1600	72.45%
CP Billing Demand:	73,432	9,495	99.17%	07/21/16	1500	72.82%
kvar at 97% PF:		18,404				
Reactive Demand:		-				

Energy	kWh
CELP #1:	22,051,800
CELP #2:	17,262,792
Crawfordsville Solar:	471,862
Total Energy:	39,786,454

History	Jul 2016	Jul 2015	2016 YTD
Max Demand (kW):	73,816	72,288	73,816
CP Demand (kW):	73,432	71,856	73,432
Energy (kWh):	39,786,454	38,404,368	242,157,867
CP Load Factor:	72.82%	71.84%	
HDD/CDD (Lafayette):	10/279	6/217	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 22.230 / kW x	73,432	\$ 1,632,393.36
ECA Demand Charge:	\$ 0.038 / kW x	73,432	\$ 2,790.42
Total Demand Charges:			\$ 1,635,183.78
Base Energy Charge:	\$ 0.030525 / kWh x	39,786,454	\$ 1,214,481.51
ECA Energy Charge:	\$ 0.001274 / kWh x	39,786,454	\$ 50,687.94
Total Energy Charges:			\$ 1,265,169.45
Average Purchased Power Cost: 7.29 cents per kWh			Total Purchased Power Charges: \$ 2,900,353.23

Other Charges and Credits	
Green Power Program - 15,700 kWh * \$0.009 per kWh:	\$ 141.30

NET AMOUNT DUE: \$ 2,900,494.53

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 09/14/16

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

Crawfordsville Electric Light & Power
P.O. Box 428
Crawfordsville, IN 47933

Due Date:
10/14/16

Amount Due:
\$2,994,124.71

Billing Period: August 1 to 31, 2016

Invoice No: INV0006512
Invoice Date: 09/14/16

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	75,120	9,657	99.18%	08/11/16	1600	74.34%
CP Billing Demand:	75,120	9,657	99.18%	08/11/16	1600	74.34%
kvar at 97% PF:		18,827				
Reactive Demand:		-				

Energy	kWh
CELP #1:	25,003,872
CELP #2:	16,095,312
Crawfordsville Solar:	449,646
Total Energy:	41,548,830

History	Aug 2016	Aug 2015	2016 YTD
Max Demand (kW):	75,120	68,760	75,120
CP Demand (kW):	75,120	67,536	75,120
Energy (kWh):	41,548,830	37,995,624	283,706,697
CP Load Factor:	74.34%	75.62%	
HDD/CDD (Lafayette):	0/332	5/170	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 22.230 / kW x	75,120	\$ 1,669,917.60
ECA Demand Charge:	\$ 0.038 / kW x	75,120	\$ 2,854.56
Total Demand Charges:			\$ 1,672,772.16
Base Energy Charge:	\$ 0.030525 / kWh x	41,548,830	\$ 1,268,278.04
ECA Energy Charge:	\$ 0.001274 / kWh x	41,548,830	\$ 52,933.21
Total Energy Charges:			\$ 1,321,211.25
Average Purchased Power Cost: 7.21 cents per kWh			Total Purchased Power Charges: \$ 2,993,983.41

Other Charges and Credits	
Green Power Program - 15,700 kWh * \$0.009 per kWh:	\$ 141.30

NET AMOUNT DUE: \$ 2,994,124.71

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 10/14/16

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

Crawfordsville Electric Light & Power
P.O. Box 428
Crawfordsville, IN 47933

Due Date:
11/14/16

Amount Due:
\$2,794,194.45

Invoice No: INV0006589

Invoice Date: 10/14/16

Billing Period: September 1 to 30, 2016

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	74,622	8,357	99.38%	09/07/16	1600	66.77%
CP Billing Demand:	74,244	8,312	99.38%	09/07/16	1500	67.11%
kvar at 97% PF:		18,607				
Reactive Demand:		-				

Energy	kWh
CELP #1:	21,494,016
CELP #2:	13,924,872
Crawfordsville Solar:	456,069
Total Energy:	35,874,957

History	Sep 2016	Sep 2015	2016 YTD
Max Demand (kW):	74,622	71,779	75,120
CP Demand (kW):	74,244	71,049	75,120
Energy (kWh):	35,874,957	35,524,630	319,581,654
CP Load Factor:	67.11%	69.44%	
HDD/CDD (Lafayette):	25/154	41/154	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 22.230 / kW x	74,244	\$ 1,650,444.12
ECA Demand Charge:	\$ 0.038 / kW x	74,244	\$ 2,821.27
Total Demand Charges:			\$ 1,653,265.39
Base Energy Charge:	\$ 0.030525 / kWh x	35,874,957	\$ 1,095,083.06
ECA Energy Charge:	\$ 0.001274 / kWh x	35,874,957	\$ 45,704.70
Total Energy Charges:			\$ 1,140,787.76
Average Purchased Power Cost: 7.79 cents per kWh			Total Purchased Power Charges: \$ 2,794,053.15

Other Charges and Credits	
Green Power Program - 15,700 kWh * \$0.009 per kWh:	\$ 141.30

NET AMOUNT DUE: \$ 2,794,194.45

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 11/14/16

Questions, please call: 317-573-9955

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