



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: August 16, 2016
IURC 30-Day Filing No.: 3463
Indiana Utility Regulatory Commission

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 AUGUST 18, 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 October, November, and December 2016. The average residential customer using 860 kWh will see a increase of approximately \$4.80 or 4.9%.

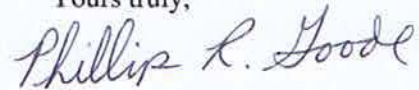
Ms. Mary Beccera

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,

A handwritten signature in cursive script that reads "Phillip R. Goode".

Phillip R. Goode
Manager

Attachments



Crawfordsville Electric Light & Power

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125 YEARS OF SERVICE

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	Increase of:	\$ 0.005582	per kWh
General Power & Municipal Power Service	Increase of:	\$ 0.002344	per kWh
Primary Power Service	Increase of:	\$ 0.437586	per kVA
	Decrease of:	\$ (0.000060)	per kWh
Outdoor Lighting	Increase of:	\$ 0.005305	per kWh
Street Lighting	Increase of:	\$ 0.008334	per kWh
Traffic Lighting	Increase of:	\$ 0.000776	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 October 2016 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 16 day of August 2016, 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 F. McArthur
Andrea McArthur
Notary Public
My County of Residence: Montgomery

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	\$	0.006536	per kWh
Rate GP & MP	\$	0.005033	per kWh
Rate PP	\$	1.845252	per kVA
Rate PP	\$	(0.001468)	per kWh
Rate OL	\$	0.003334	per kWh
Rate SL	\$	0.006402	per kWh
Rate TS	\$	0.000588	per kWh

Applicable: October, November and December, 2016

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

CRAWFORDSVILLE ELECTRIC LIGHT & POWER
Crawfordsville, Indiana

Proposed Rate Adjustment Applicable to the 4th Quarter 2016
and Supporting Schedules

For use with rates approved under IURC Cause No. 44684
October, November, and December, 2016

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)	\$ 0.006536	per KWH
General Power & Municipal Power Service (GP & MI)	\$ 0.005033	per KWH
Primary Power Service (PP)	\$ 1.845252	per KVA
	\$ (0.001468)	per KWH
Outdoor Lighting (OL)	\$ 0.003334	per KWH
Street Lighting (SL)	\$ 0.006402	per KWH
Traffic Lighting (TS)	\$ 0.000588	per KWH

Applicable: October, November and December, 2016

CRAWFORDSVILLE ELECTRIC LIGHT & POWER

Crawfordsville, Indiana

Appendix B

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

Residential Service	RS	\$ 0.006536	per KWH
General Power & Municipal Power Service	GP & MP	\$ 0.005033	per KWH
Primary Power Service	PP	\$ 1.845252	per KVA
		\$ (0.001468)	per KWH
Outdoor Lighting	OL	\$ 0.003334	per KWH
Street Lighting	SL	\$ 0.006402	per KWH
Traffic Lighting	TS	\$ 0.000588	per KWH

Average Change in Schedule of Rates:

Residential Service	RS	Increase	\$ 0.005582	per KWH
General Power & Municipal Power Service	GP & MP	Increase	\$ 0.002344	per KWH
Primary Power Service	PP	Increase	\$ 0.437586	per KVA
		Decrease	\$ (0.000060)	per KWH
Outdoor Lighting	OL	Increase	\$ 0.005305	per KWH
Street Lighting	SL	Increase	\$ 0.008334	per KWH
		Decrease	\$ -	per KWH
		Decrease	\$ -	per KWH
Traffic Lighting	TS	Increase	\$ 0.000776	per KWH

Applicable: October, November and December, 2016

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-16 (a)			\$22.230	\$0.030525	1
2	BASE RATE EFFECTIVE 01-Jan-15 (b)			\$20.984	\$0.033241	2
3	INCREMENTAL CHANGE IN BASE RATE (c)			\$1.246	(\$0.002716)	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	Oct-16	Nov-16	Dec-16	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
7	ESTIMATED MONTHLY COSTS/(SAVINGS) (c)			\$0.00	7
8	ESTIMATED AVERAGE MONTHLY KW (d)			55,578	8
9	ESTIMATED COSTS/(SAVINGS) PER KW (e)			\$0.0000	9

NOT
APPLICABLE

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	Oct-16	Nov-16	Dec-16	TOTAL	ESTIMATED 3 MONTH AVERAGE	LINE NO.
		Oct-16 (A)	Nov-16 (B)	Dec-16 (C)			
PURCHASED POWER FROM IMPA							
1	KW DEMAND	54,248	54,620	57,866	166,734	55,578	1
2	KWH ENERGY	32,567,150	31,580,549	34,180,295	98,327,994	32,775,998	2
INCREMENTAL PURCHASED POWER COSTS							
DEMAND RELATED							
3	ECA FACTOR PER KW	0.038	0.038	0.038		0.038	3
4	CHARGE (a)	\$2,061.42	\$2,075.56	\$2,198.91	\$6,335.89	\$2,111.96	4
ENERGY RELATED							
5	ECA FACTOR PER KWH	0.001274	0.001274	0.001274		0.001274	5
6	CHARGE (b)	\$41,490.55	\$40,233.62	\$43,545.70	\$125,269.86	\$41,756.62	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: October, November, and December
 2016

LINE NO.	Demand Related Adjustment Factors		
	<u>Rate PP</u>		
1	From Attachment B, Page 3 of 3, Column C, Line 3		\$83,898.69
2	From Attachment B, Page 2 of 3, Column C, Line 3		39,649.80 kW
3	Line 1 divided by Line 2	\$	2.115993
4	Line 3 multiplied by 87.205% *	\$	1.845252
5	Demand Related Rate Adjustment Factor	\$	1.845252 per KVA

* Average Power Factor of the PP class.

CRAWFORDSVILLE ELECTRIC LIGHT & POWER
DETERMINATION OF RATE ADJUSTMENT FOR THE
THREE MONTHS OF

Oct-16 Nov-16 Dec-16

LINE NO.	DESCRIPTION	DEMAND RELATED (A)	ENERGY RELATED (B)	LINE NO.
1	INCREMENTAL CHANGE IN BASE RATE (a)	\$1.246	-\$0.002716	1
2	ESTIMATED SAVINGS (LOSS) FROM DEDICATED CAPACITY PAYMENTS (b)	\$0.000	--	2
3	ESTIMATED PURCHASED POWER ENERGY COST ADJUSTMENT (c)	\$0.038	\$0.001274	3
4	ESTIMATED TOTAL CHANGE IN PURCHASED POWER RATE	\$1.284	-\$0.001442	4
5	EST CHANGE IN PURCHASED POWER RATE ADJ FOR LOSSES & GR INCOME TAX (d)	\$1.335	-\$0.001499	5
6	PLUS TRACKING FACTOR EFFECTIVE PRIOR TO JANUARY 27, 1983 (e)	\$0.000	\$0.000000	6
7	ESTIMATED TOTAL RATE ADJUSTMENT	\$1.335	-\$0.001499	7
8	ESTIMATED AVERAGE BILLING UNITS (f)	55,578	32,775,998	8
9	ESTIMATED INCREMENTAL CHANGE IN PURCHASED POWER COST (g)	\$74,196.63	(\$49,131.22)	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)	KWH ENERGY ALLOCATOR (%) (a)	Oct-16	Nov-16	Dec-16			LINE NO.
				ALLOCATED ESTIMATED KW PURCHASED (b)	ALLOCATED ESTIMATED KWH PURCHASED (c)	INCREMENTAL CHANGE IN PURCHASED POWER COST ADJ FOR LINE LOSSES & GROSS RECEIPTS TAX			
						DEMAND (d)	ENERGY (e)	TOTAL (G)	
(A)	(B)	(C)	(D)	(E)	(F)	(G)			
1	RS	11.110%	20.527%	6,174.9	6,727,919	\$8,243.52	(\$10,085.15)	(\$1,841.63)	1
2	GP & MP	17.549%	13.753%	9,753.3	4,507,743	\$13,020.66	(\$6,757.11)	\$6,263.55	2
3	PP	71.341%	65.093%	39,649.8	21,334,802	\$52,932.45	(\$31,980.87)	\$20,951.58	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	93,628	\$0.00	(\$140.35)	(\$140.35)	5
6	SL	0.000%	0.304%	0.0	99,511	\$0.00	(\$149.17)	(\$149.17)	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	12,395	\$0.00	(\$18.58)	(\$18.58)	9
10		0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	10
11									
12	TOTAL	100.000%	100.000%	55,578.0	32,775,998	\$74,196.63	(\$49,131.22)	\$25,065.41	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 (A)	ENERGY (B)	DEMAND (b) (C)	ENERGY (c) (D)	TOTAL (E)	DEMAND (F)	ENERGY (G)	TOTAL (H)	
1	RS	\$39,117.15	\$6,698.77	\$47,360.67	(\$3,386.38)	\$43,974.29	0.007039	(0.000503)	0.006536	1
2	GP & MP	\$15,215.66	\$1,207.09	\$28,236.32	(\$5,550.02)	\$22,686.30	0.006264	(0.001231)	0.005033	2
3	PP	\$30,966.24	\$652.71	\$83,898.69	(\$31,328.16)	\$52,570.53	0.003932	(0.001468)	0.002464	3
4	IP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.000000	0.000000	0.000000	4
5	OL	\$411.68	\$40.79	\$411.68	(\$99.56)	\$312.11	0.004397	(0.001063)	0.003334	5
6	SL	\$687.01	\$99.26	\$687.01	(\$49.91)	\$637.11	0.006904	(0.000502)	0.006402	6
7		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.000000	0.000000	0.000000	7
8		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.000000	0.000000	0.000000	7
9	TS	\$27.07	(\$1.20)	\$27.07	(\$19.78)	\$7.29	0.002184	(0.001596)	0.000588	
10		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.000000	0.000000	0.000000	
11										
12	TOTAL	\$86,424.82	\$8,697.41	\$160,621.45	(\$40,433.81)	\$120,187.64	0.004901	(0.001234)	0.003667	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	Apr-16	May-16	Jun-16	LINE NO.
			DEMAND RELATED	ENERGY RELATED	
			(A)	(B)	
1	INCREMENTAL CHANGE IN BASE RATE (a)		\$6.073	\$0.0022270	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)		\$6.111	\$0.0035010	4
5	ACTUAL AVERAGE BILLING UNITS (e)		62,594	33,905,394	5
6	ACTUAL INCREMENTAL CHANGE IN PURCHASED POWER COST (f)		\$382,511.93	\$118,702.78	6

(a) Attachment 1, Page 1 of 3, Line 1 of Tracker filing for the three months of:
Apr-16 May-16 Jun-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)	KWH ENERGY ALLOCATOR (%) (a)	Apr-16	May-16	Jun-16	INCREMENTAL CHANGE IN PURCHASED POWER COST			LINE NO.
				ALLOCATED ACTUAL KW PURCHASED (b)	ALLOCATED ACTUAL KWH PURCHASED (c)	DEMAND (d)	ENERGY (e)	TOTAL		
									(C)	
1	RS	26.114%	20.976%	16,345.8	7,111,995		\$99,889.17	\$24,899.10	\$124,788.27	1
2	GP & MP	15.510%	13.114%	9,708.3	4,446,353		\$59,327.60	\$15,566.68	\$74,894.28	2
3	PP	57.688%	65.296%	36,109.2	22,138,866		\$220,663.48	\$77,508.17	\$298,171.65	3
4	IP	0.000%	0.000%	0.0	0		\$0.00	\$0.00	\$0.00	4
5	OL	0.322%	0.287%	201.6	97,308		\$1,231.69	\$340.68	\$1,572.37	5
6	SL	0.325%	0.290%	203.4	98,326		\$1,243.16	\$344.24	\$1,587.40	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%	25.7	12,545		\$156.83	\$43.92	\$200.75	9
10		0.000%	0.000%	0.0	0		\$0.00	\$0.00	\$0.00	10
11										11
12	TOTAL	100.000%	100.000%	62,594.0	33,905,394		\$382,511.93	\$118,702.78	\$501,214.71	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		Apr-16	May-16	Jun-16	INCREMENTAL KWH ENERGY COST BILLED BY MEMBER (e)	LESS PREVIOUS VARIANCE FOR MONTHS LISTED ABOVE		LINE NO.
		AVERAGE KWH SALES (a)	AVERAGE KVA SALES (a)	DEMAND ADJUSTMENT FACTOR PER KWH (b)	ENERGY ADJUSTMENT FACTOR PER KWH (c)	INCREMENTAL KW DEMAND COST BILLED BY MEMBER (d)		DEMAND (f)	ENERGY (g)	
		(A)	(A)	(B)	(C)	(D)		(F)	(G)	
1	RS	5,411,604	-	0.012643	0.004414	\$67,461.04	\$23,552.40	\$5,204.15	\$5,097.79	1
2	GP & MP	4,012,308	-	0.010930	0.003622	\$43,240.56	\$14,329.12	(\$1,448.96)	(\$76.29)	2
3	PP	21,460,332	43,562.17	3.795688	0.003280	\$163,033.54	\$69,404.43	(\$27,839.17)	(\$7,475.81)	3
4	IP	0	-	0.000000	0.000000	\$0.00	\$0.00	\$0.00	\$0.00	4
5	OL	74,538	-	0.007864	0.001752	\$577.96	\$128.76	(\$257.68)	(\$172.68)	5
6	SL	40,796	-	0.007984	0.001844	\$321.16	\$74.17	(\$261.07)	(\$174.57)	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	-	0.009719	0.003214	\$120.74	\$39.93	(\$10.05)	(\$5.15)	9
10		0	-	0.000000	0.000000	\$0.00	\$0.00	\$0.00	\$0.00	10
11										11
12	TOTAL	31,012,177	43,562			\$274,755.00	\$107,528.82	(\$24,612.78)	(\$2,806.71)	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:

Apr-16	May-16	Jun-16
Apr-16	May-16	Jun-16
0.986		
0.986		
Apr-16	May-16	Jun-16
Apr-16	May-16	Jun-16

CRAWFORDSVILLE ELECTRIC LIGHT & POWER

RECONCILIATION OF VARIANCES FOR THE
THREE MONTHS OF:

Apr-16 May-16 Jun-16

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	\$62,256.89	\$18,454.61	\$80,711.51	\$37,632.28	\$6,444.49	\$44,076.76	1
2	GP & MP	\$44,689.52	\$14,405.41	\$59,094.94	\$14,638.08	\$1,161.27	\$15,799.34	2
3	PP	\$190,872.71	\$76,880.24	\$267,752.95	\$29,790.77	\$627.93	\$30,418.70	3
4	IP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	4
5	OL	\$835.64	\$301.44	\$1,137.08	\$396.05	\$39.24	\$435.29	5
6	SL	\$582.23	\$248.74	\$830.97	\$660.93	\$95.50	\$756.43	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	\$130.79	\$45.08	\$175.86	\$26.04	(\$1.16)	\$24.89	9
10		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	10
11								11
12	TOTAL	\$299,367.78	\$110,335.53	\$409,703.31	\$83,144.15	\$8,367.26	\$91,511.41	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	Apr-16	May-16	Jun-16	TOTAL (D)	AVERAGE (E)	LINE NO.
		April (A)	May (B)	June (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)	56,009	61,020	70,753	187,782	62,594	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	Apr-16 (A)	May-16 (B)	Jun-16 (C)	TOTAL (D)	ACTUAL 3 MONTH AVERAGE (E)	LINE NO.
PURCHASED POWER FROM IMPA							
1	KW DEMAND (a)	56,009	61,020	70,753	187,782	62,594	1
2	KWH ENERGY (a)	31,430,570	32,739,852	37,545,760	101,716,182	33,905,394	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)	\$2,128.34	\$2,318.76	\$2,688.61	\$7,135.72	\$2,378.57	4
ENERGY RELATED							
5	ECA FACTOR PER KWH (a)	0.001274	0.001274	0.001274		0.001274	5
6	CHARGE (c)	\$40,042.55	\$41,710.57	\$47,833.30	\$129,586.42	\$43,195.47	6

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

Apr-16

May-16

Jun-16

CRAWFORDSVILLE ELECTRIC LIGHT & POWER
DETERMINATION OF ACTUAL AVERAGE KWH SALES
HISTORICAL DATA

LINE NO.	RATE SCHEDULE	Apr-16 (A)	May-16 (B)	Jun-16 (C)	TOTAL (D)	AVERAGE (E)	LINE NO.
1	RS	5,499,636	5,128,562	5,606,613	16,234,811	5,411,604	1
2	GP & MP	4,078,451	3,913,747	4,044,728	12,036,925	4,012,308	2
3	PP	21,851,939	20,750,855	21,778,203	64,380,996	21,460,332	3
4	IP	0	0	0	0	0	4
5	OL	84,321	74,798	64,496	223,615	74,538	5
6	SL	46,137	40,970	35,280	122,387	40,796	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	31,573,082	29,921,531	31,541,918	93,036,531	31,012,177	12

DETERMINATION OF ACTUAL AVERAGE KW/KVA SALES

		Apr-16	May-16	Jun-16	TOTAL	AVERAGE	
13		0	0	0	0	0	13
14		0	0	0	0	0	14
15	PP NCF	42,276	43,993	44,417	130,687	43,562	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		42,276	43,993	44,417	130,687	43,562	23

CRAWFORDSVILLE ELECTRIC LIGHT & POWER
Crawfordsville, Indiana

CALCULATION OF LINE LOSS FACTOR
FOR YEAR 2015

Month	Metered kWh Sold	IMPA Metered kWh Purchased
	<hr/>	<hr/>
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
	<hr/>	<hr/>
Subtotal	397,287,074	410,715,154
Other Adjustments (ie Unmetered sales)	2,507,056	-950,040
	<hr/>	<hr/>
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 Service	Primary Power Service	Industrial Power	Outdoor Lighting	Street Lighting	Traffic Lighting	Total (H)
		<u>RS</u> (A)	<u>GP & MP</u> (B)	<u>PP</u> (C)	<u>IP</u> (D)	<u>OL</u> (E)	<u>SL</u> (F)	<u>TS</u> (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	<u>6,078,382</u>	<u>4,108,210</u>	<u>20,868,143</u>	<u>0</u>	<u>126,499</u>	<u>132,503</u>	<u>12,599</u>	<u>31,326,336</u>
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 March, 2009.

(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.

**INDIANA MUNICIPAL POWER AGENCY
 ECA ESTIMATES FOR OCTOBER, NOVEMBER and DECEMBER
 2016 - 4TH QUARTER**

	OCT	NOV	DEC	OCT	NOV	DEC
	<u>\$/kW-month</u>			<u>\$/kWh</u>		
IMPA's Energy Cost Adjustment	0.038	0.038	0.038	0.001274	0.001274	0.001274
	<u>kW</u>			<u>kWh</u>		
To develop these Energy Cost Adjustment factors, IMPA used the following estimated loads for CRAWFORDSVILLE	54,248	54,620	57,866	32,567,150	31,580,549	34,180,295



IMPA

INDIANA MUNICIPAL POWER AGENCY

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

Due Date:
06/15/16

Amount Due:
\$2,246,819.41

Billing Period: April 1 to 30, 2016

Invoice No: INV0006186
 Invoice Date: 05/16/16

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	56,009	9,769	98.51%	04/26/16	1300	77.94%
CP Billing Demand:	56,009	9,769	98.51%	04/26/16	1300	77.94%
kvar at 97% PF:		14,037				
Reactive Demand:		-				

Energy	kWh
CELP #1:	18,023,472
CELP #2:	12,953,664
Crawfordsville Solar:	453,434
C.E. LLC Generation:	-
Total Energy:	31,430,570

History	Apr 2016	Apr 2015	2016 YTD
Max Demand (kW):	56,009	49,680	59,751
CP Demand (kW):	56,009	48,240	59,401
Energy (kWh):	31,430,570	30,066,192	132,085,801
CP Load Factor:	77.94%	86.56%	
HDD/CDD (Lafayette):	431/2	402/2	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 22.230 / kW x	56,009	\$ 1,245,080.07
ECA Demand Charge:	\$ 0.038 / kW x	56,009	\$ 2,128.34
Total Demand Charges:			\$ 1,247,208.41
Base Energy Charge:	\$ 0.030525 / kWh x	31,430,570	\$ 959,418.15
ECA Energy Charge:	\$ 0.001274 / kWh x	31,430,570	\$ 40,042.55
Total Energy Charges:			\$ 999,460.70
Average Purchased Power Cost: 7.15 cents per kWh			Total Purchased Power Charges: \$ 2,246,669.11

Other Charges and Credits	
Green Power Program - 16,700 kWh * \$0.009 per kWh:	\$ 150.30

NET AMOUNT DUE: \$ 2,246,819.41

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 06/15/16

Questions, please call: 317-573-9955

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



IMPA

INDIANA MUNICIPAL POWER AGENCY

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

Due Date:
07/14/16

Amount Due:
\$2,400,045.41

Billing Period: May 1 to 31, 2016

Invoice No: INV0006268
Invoice Date: 06/14/16

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	61,914	6,811	99.40%	05/31/16	1400	71.07%
CP Billing Demand:	61,020	5,051	99.66%	05/31/16	1500	72.12%
kvar at 97% PF:		15,293				
Reactive Demand:		-				

Energy	kWh
CELP #1:	18,745,128
CELP #2:	13,555,368
Crawfordsville Solar:	439,356
Total Energy:	32,739,852

History	May 2016	May 2015	2016 YTD
Max Demand (kW):	61,914	60,480	61,914
CP Demand (kW):	61,020	60,048	61,020
Energy (kWh):	32,739,852	33,018,912	164,825,653
CP Load Factor:	72.12%	73.91%	
HDD/CDD (Lafayette):	208/66	118/87	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 22.230 / kW x	61,020	\$ 1,356,474.60
ECA Demand Charge:	\$ 0.038 / kW x	61,020	\$ 2,318.76
Total Demand Charges:			\$ 1,358,793.36
Base Energy Charge:	\$ 0.030525 / kWh x	32,739,852	\$ 999,383.98
ECA Energy Charge:	\$ 0.001274 / kWh x	32,739,852	\$ 41,710.57
Total Energy Charges:			\$ 1,041,094.55
Average Purchased Power Cost: 7.33 cents per kWh			Total Purchased Power Charges: \$ 2,399,887.91

Other Charges and Credits	
Green Power Program - 17,500 kWh * \$0.009 per kWh:	\$ 157.50

NET AMOUNT DUE: \$ 2,400,045.41

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 07/14/16

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:
08/15/16

Amount Due:
\$2,769,586.72

Billing Period: June 1 to 30, 2016
 Invoice No: INV0006355
 Invoice Date: 07/14/16

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	72,020	10,109	99.03%	06/23/16	1400	72.41%
CP Billing Demand:	70,753	9,969	99.02%	06/20/16	1500	73.70%
kvar at 97% PF:		17,732				
Reactive Demand:		-				

Energy	kWh
CELP #1:	21,652,128
CELP #2:	15,357,456
Crawfordsville Solar:	536,176
Total Energy:	37,545,760

History	Jun 2016	Jun 2015	2016 YTD
Max Demand (kW):	72,020	68,616	72,020
CP Demand (kW):	70,753	67,176	70,753
Energy (kWh):	37,545,760	36,312,408	202,371,413
CP Load Factor:	73.70%	75.08%	
HDD/CDD (Lafayette):	10/233	20/183	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 22.230 / kW x	70,753	\$ 1,572,839.19
ECA Demand Charge:	\$ 0.038 / kW x	70,753	\$ 2,688.61
Total Demand Charges:			\$ 1,575,527.80
Base Energy Charge:	\$ 0.030525 / kWh x	37,545,760	\$ 1,146,084.32
ECA Energy Charge:	\$ 0.001274 / kWh x	37,545,760	\$ 47,833.30
Total Energy Charges:			\$ 1,193,917.62
Average Purchased Power Cost: 7.38 cents per kWh			Total Purchased Power Charges: \$ 2,769,445.42

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

NET AMOUNT DUE: \$ 2,769,586.72

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 08/15/16
 Questions, please call: 317-573-9955

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