



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

April 17, 2017

Received: April 19, 2017
IURC 30-Day Filing No.: 50052
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 APRIL 26, 2017. 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 July, August, and September 2017. The average residential customer using 860 kWh will see a increase of approximately \$1.20 or 1.2%.

Ms. Mary Beccera

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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

April 17, 2017

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:	\$ 0.001404	per kWh
Gen. Power & Municipal Power	Increase of:	\$ 0.000842	per kWh
Primary Power Service	Decrease of:	\$ (0.019733)	per kVA
	Increase of:	\$ 0.000791	per kWh
Outdoor Lighting	Increase of:	\$ 0.003741	per kWh
Street Lighting	Increase of:	\$ 0.004794	per kWh
Traffic Lighting	Increase of:	\$ 0.002866	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 July 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 19 day of APRIL 2017, 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



CRAWFORDSVILLE ELECTRIC LIGHT & POWER
Crawfordsville, Indiana

Proposed Rate Adjustment Applicable to the 3rd Quarter 2017
and Supporting Schedules

For use with rates approved under IURC Cause No. 44684
July, August, and September, 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	\$	0.001637	per kWh
Rate GP & MP	\$	0.001890	per kWh
Rate PP	\$	1.988272	per kVA
Rate PP	\$	(0.003774)	per kWh
Rate OL	\$	0.000936	per kWh
Rate SL	\$	0.000949	per kWh
Rate TS	\$	0.000616	per kWh

Applicable: July, August and September, 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

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)	\$ 0.001637	per KWH
Gen. Power & Municipal Power (GP & MP)	\$ 0.001890	per KWH
Primary Power Service (PP)	\$ 1.988272	per KVA
	\$ (0.003774)	per KWH
Outdoor Lighting (OL)	\$ 0.000936	per KWH
Street Lighting (SL)	\$ 0.000949	per KWH
Traffic Lighting (TS)	\$ 0.000616	per KWH

Applicable: July, August and September, 2017

CRAWFORDSVILLE ELECTRIC LIGHT & POWER

Crawfordsville, Indiana

Appendix B

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

Residential Service	RS	\$ 0.001637	per KWH
Gen. Power & Municipal Power	GP & MP	\$ 0.001890	per KWH
Primary Power Service	PP	\$ 1.988272	per KVA
		\$ (0.003774)	per KWH
Outdoor Lighting	OL	\$ 0.000936	per KWH
Street Lighting	SL	\$ 0.000949	per KWH
Traffic Lighting	TS	\$ 0.000616	per KWH

Average Change in Schedule of Rates:

Residential Service	RS	Increase	\$ 0.001404	per KWH
Gen. Power & Municipal Power	GP & MP	Increase	\$ 0.000842	per KWH
Primary Power Service	PP	Decrease	\$ (0.019733)	per KVA
		Increase	\$ 0.000791	per KWH
Outdoor Lighting	OL	Increase	\$ 0.003741	per KWH
Street Lighting	SL	Increase	\$ 0.004794	per KWH
		Decrease	\$ -	per KWH
		Decrease	\$ -	per KWH
Traffic Lighting	TS	Increase	\$ 0.002866	per KWH

Applicable: July, August and September, 2017

CRAWFORDSVILLE ELECTRIC LIGHT & POWER

DETERMINATION OF INCREMENTAL CHANGE IN BASE RATE

<u>LINE NO.</u>	<u>DESCRIPTION</u>		<u>DEMAND RELATED</u>	<u>ENERGY RELATED</u>	<u>LINE NO.</u>
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	Jul-17	Aug-17	Sep-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
7	ESTIMATED MONTHLY COSTS/(SAVINGS) (c)			\$0.00	7
8	ESTIMATED AVERAGE MONTHLY KW (d)			71,686	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	Jul-17	Aug-17	Sep-17	TOTAL (D)	ESTIMATED 3 MONTH AVERAGE	LINE NO.
		(A)	(B)	(C)		(E)	
PURCHASED POWER FROM IMPA							
1	KW DEMAND	73,439	69,063	72,557	215,059	71,686	1
2	KWH ENERGY	40,133,024	40,759,244	34,837,994	115,730,262	38,576,754	2
INCREMENTAL PURCHASED POWER COSTS							
DEMAND RELATED							
3	ECA FACTOR PER KW	0.416	0.416	0.416		0.416	3
4	CHARGE (a)	\$30,550.62	\$28,730.21	\$30,183.71	\$89,464.54	\$29,821.51	4
ENERGY RELATED							
5	ECA FACTOR PER KWH	(0.001775)	(0.001775)	(0.001775)		(0.001775)	5
6	CHARGE (b)	(\$71,236.12)	(\$72,347.66)	(\$61,837.44)	(\$205,421.22)	(\$68,473.74)	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: July, August, and September
2017

<u>LINE NO.</u>	<u>Demand Related Adjustment Factors</u>		<u>LINE NO.</u>
	<u>Rate PP</u>		
1	From Attachment B, Page 3 of 3, Column C, Line 3	\$117,383.66	1
2	From Attachment B, Page 2 of 3, Column C, Line 3	51,484.10 kW	2
3	Line 1 divided by Line 2	\$ 2.279998	3
4	Line 3 multiplied by 87.205% *	\$ 1.988272	4
5	Demand Related Rate Adjustment Factor	\$ 1.988272 per KVA	5

* Average Power Factor of the PP class.

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

Jul-17 Aug-17 Sep-17

<u>LINE NO.</u>	<u>DESCRIPTION</u>	<u>DEMAND RELATED (A)</u>	<u>ENERGY RELATED (B)</u>	<u>LINE NO.</u>
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)	\$2.510	-\$0.004662	5
6	PLUS TRACKING FACTOR EFFECTIVE PRIOR TO JANUARY 27, 1983 (e)	\$0.000	\$0.000000	6
7	ESTIMATED TOTAL RATE ADJUSTMENT	\$2.510	-\$0.004662	7
8	ESTIMATED AVERAGE BILLING UNITS (f)	71,686	38,576,754	8
9	ESTIMATED INCREMENTAL CHANGE IN PURCHASED POWER COST (g)	\$179,931.86	(\$179,844.83)	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) = 0.9548424
(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)	Jul-17	Aug-17	Sep-17			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	
(A)	(B)	(C)	(D)	(E)	(F)	(G)			
1	RS	10.951%	20.258%	7,850.4	7,814,988	\$19,704.43	(\$36,433.48)	(\$16,729.05)	1
2	GP & MP	17.230%	13.521%	12,351.6	5,215,771	\$31,002.46	(\$24,315.92)	\$6,686.54	2
3	PP	71.819%	65.612%	51,484.1	25,311,004	\$129,224.98	(\$117,999.90)	\$11,225.08	3
4		0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	4
5	OL	0.000%	0.278%	0.0	107,080	\$0.00	(\$499.21)	(\$499.21)	5
6	SL	0.000%	0.294%	0.0	113,493	\$0.00	(\$529.11)	(\$529.11)	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%	0.037%	0.0	14,417	\$0.00	(\$67.21)	(\$67.21)	9
10		0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	10
11									
12	TOTAL	100.000%	100.000%	71,686.1	38,576,753	\$179,931.86	(\$179,844.83)	\$87.03	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	\$18,125.37	\$11,400.52	\$37,829.80	(\$25,032.96)	\$12,796.84	0.004841	(0.003203)	0.001637	1
2	GP & MP	(\$3,738.75)	\$6,910.97	\$27,263.71	(\$17,404.95)	\$9,858.75	0.005227	(0.003337)	0.001890	2
3	PP	(\$11,841.32)	\$22,481.57	\$117,383.66	(\$95,518.33)	\$21,865.33	0.004638	(0.003774)	0.000864	3
4		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.000000	0.000000	0.000000	4
5	OL	\$419.66	\$179.81	\$419.66	(\$319.40)	\$100.26	0.003919	(0.002983)	0.000936	5
6	SL	\$411.87	\$224.91	\$411.87	(\$304.20)	\$107.68	0.003629	(0.002680)	0.000949	
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	\$56.65	\$19.44	\$56.65	(\$47.77)	\$8.89	0.003930	(0.003313)	0.000616	
10		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.000000	0.000000	0.000000	
11										
12	TOTAL	\$3,433.48	\$41,217.23	\$183,365.34	(\$138,627.60)	\$44,737.73	0.004753	(0.003594)	0.001160	10

(a) Exhibit IV, Page 4 of 7, Columns D and E divided by (1 - loss factor)(.986) = 0.9548424

(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.	RATE SCHEDULE	KW DEMAND ALLOCATOR (%) (a) (A)	KWH ENERGY ALLOCATOR (%) (a) (B)	Jan-17	Feb-17	Mar-17	INCREMENTAL CHANGE IN PURCHASED POWER COST			LINE NO.
				ALLOCATED ACTUAL KW PURCHASED (b) (C)	ALLOCATED ACTUAL KWH PURCHASED (c) (D)		DEMAND (d) (E)	ENERGY (e) (F)	TOTAL (G)	
1	RS	26.114%	20.976%	14,726.5	4,965,508		\$35,299.34	(\$22,101.48)	\$13,197.86	1
2	GP & MP	15.510%	13.114%	8,746.6	3,104,389		\$20,965.49	(\$13,817.64)	\$7,147.85	2
3	PP	57.688%	65.296%	32,532.0	15,457,085		\$77,979.19	(\$68,799.48)	\$9,179.71	3
4		0.000%	0.000%	0.0	0		\$0.00	\$0.00	\$0.00	4
5	OL	0.322%	0.287%	181.6	67,940		\$435.26	(\$302.40)	\$132.86	5
6	SL	0.325%	0.290%	183.3	68,650		\$439.32	(\$305.56)	\$133.76	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%	23.1	8,759		\$55.42	(\$38.99)	\$16.43	9
10		0.000%	0.000%	0.0	0		\$0.00	\$0.00	\$0.00	10
11										11
12	TOTAL	100.000%	100.000%	56,393.0	23,672,330		\$135,174.02	(\$105,365.54)	\$29,808.48	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.	DESCRIPTION	Jan-17	Feb-17	Mar-17	LINE NO.
			DEMAND RELATED (A)	ENERGY RELATED (B)	
1	INCREMENTAL CHANGE IN BASE RATE (a)		\$1.981	(\$0.0026760)	1
2	ACTUAL SAVINGS FROM DEDICATED CAPACITY PAYMENTS (b)		\$0.000	--	2
3	ACTUAL PURCHASED POWER ENERGY COST ADJUSTMENT (c)		\$0.416	(\$0.0017750)	3
4	TOTAL RATE ADJUSTMENT (d)		\$2.397	(\$0.0044510)	4
5	ACTUAL AVERAGE BILLING UNITS (e)		56,393	23,672,330	5
6	ACTUAL INCREMENTAL CHANGE IN PURCHASED POWER COST (f)		\$135,174.02	(\$105,365.54)	6

(a) Attachment 1, Page 1 of 3, Line 1 of Tracker filing for the three months of:
Jan-17 Feb-17 Mar-17

(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	ACTUAL AVERAGE KWH SALES (a) (A)	ACTUAL AVERAGE KVA SALES (a) (A)	Jan-17	Feb-17	Mar-17	INCREMENTAL KWH ENERGY COST BILLED BY MEMBER (e) (E)	LESS PREVIOUS VARIANCE FOR MONTHS LISTED ABOVE		LINE NO.
				DEMAND ADJUSTMENT FACTOR PER KWH (b) (B)	ENERGY ADJUSTMENT FACTOR PER KWH (c) (C)	INCREMENTAL KW DEMAND COST BILLED BY MEMBER (d) (D)		DEMAND (f) (F)	ENERGY (g) (G)	
1	RS	7,260,594	-	0.004116	(0.004408)	\$29,466.22	(\$31,556.63)	\$11,473.75	\$1,430.55	1
2	GP & MP	4,475,745	-	0.005083	(0.004553)	\$22,431.71	(\$20,092.77)	(\$2,103.70)	\$323.75	2
3	PP	19,794,538	41,793.67	2.234360	(0.004669)	\$92,074.76	(\$91,126.81)	\$2,788.97	(\$860.97)	3
4		0	-	0.000000	0.000000	\$0.00	\$0.00	\$0.00	\$0.00	4
5	OL	102,427	-	0.003439	(0.005307)	\$347.32	(\$535.97)	\$312.76	(\$61.88)	5
6	SL	112,334	-	0.003265	(0.005182)	\$361.64	(\$573.97)	\$315.59	(\$53.65)	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	-	0.003437	(0.004832)	\$42.70	(\$60.03)	\$41.37	(\$2.47)	9
10		0	-	0.000000	0.000000	\$0.00	\$0.00	\$0.00	\$0.00	10
11										11
12	TOTAL	31,758,237	41,794			\$144,724.33	(\$143,946.18)	\$12,828.74	\$775.33	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:

Jan-17	Feb-17	Mar-17
Jan-17	Feb-17	Mar-17
0.986		
0.986		
Jan-17	Feb-17	Mar-17
Jan-17	Feb-17	Mar-17

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	\$17,992.47	(\$32,987.18)	(\$14,994.71)	\$17,306.87	\$10,885.70	\$28,192.57	1
2	GP & MP	\$24,535.41	(\$20,416.52)	\$4,118.88	(\$3,569.92)	\$6,598.88	\$3,028.97	2
3	PP	\$89,285.79	(\$90,265.84)	(\$980.05)	(\$11,306.60)	\$21,466.36	\$10,159.76	3
4		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	4
5	OL	\$34.56	(\$474.09)	(\$439.53)	\$400.70	\$171.69	\$572.39	5
6	SL	\$46.05	(\$520.32)	(\$474.27)	\$393.27	\$214.76	\$608.03	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	\$1.33	(\$57.56)	(\$56.23)	\$54.09	\$18.57	\$72.66	9
10		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	10
11								11
12	TOTAL	\$131,895.59	(\$144,721.51)	(\$12,825.91)	\$3,278.43	\$39,355.96	\$42,634.38	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	Jan-17	Feb-17	Mar-17	TOTAL (D)	AVERAGE (E)	LINE NO.
		January (A)	February (B)	March (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)	59,398	55,287	54,495	169,180	56,393	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	Jan-17 (A)	Feb-17 (B)	Mar-17 (C)	TOTAL (D)	ACTUAL 3 MONTH AVERAGE (E)	LINE NO.
	PURCHASED POWER FROM IMPA						
1	KW DEMAND (a)	59,398	55,287	54,495	169,180	56,393	1
2	KWH ENERGY (a)	35,099,919	3,011,060	32,906,011	71,016,990	23,672,330	2
	INCREMENTAL PURCHASED POWER COSTS						
	DEMAND RELATED						
3	ECA FACTOR PER KW (a)	0.416	0.416	0.416		0.416	3
4	CHARGE (b)	\$24,709.57	\$22,999.39	\$22,669.92	\$70,378.88	\$23,459.63	4
	ENERGY RELATED						
5	ECA FACTOR PER KWH (a)	(0.001775)	(0.001775)	(0.001775)		(0.001775)	5
6	CHARGE (c)	(\$62,302.36)	(\$5,344.63)	(\$58,408.17)	(\$126,055.16)	(\$42,018.39)	6

(a) From IMPA bills for the months of:

Jan-17

Feb-17

Mar-17

(b) Line 1 times Line 3

(c) Line 2 times Line 5

CRAWFORDSVILLE ELECTRIC LIGHT & POWER

DETERMINATION OF ACTUAL AVERAGE KWH SALES
HISTORICAL DATA

LINE NO.	RATE SCHEDULE	Jan-17 (A)	Feb-17 (B)	Mar-17 (C)	TOTAL (D)	AVERAGE (E)	LINE NO.
1	RS	9,025,696	7,200,582	5,555,503	21,781,781	7,260,594	1
2	GP & MP	5,110,798	4,507,940	3,808,496	13,427,234	4,475,745	2
3	PP	18,538,752	20,850,994	19,993,869	59,383,615	19,794,538	3
4		0	0	0	0	0	4
5	OL	114,835	96,018	96,429	307,282	102,427	5
6	SL	125,525	104,440	107,037	337,002	112,334	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	32,928,205	32,772,573	29,573,933	95,274,711	31,758,237	12

DETERMINATION OF ACTUAL AVERAGE KW/KVA SALES

		Jan-17	Feb-17	Mar-17	TOTAL	AVERAGE	
13		0	0	0	0	0	13
14		0	0	0	0	0	14
15	PP NCF	42,292	41,228	41,861	125,381	41,794	15
16	0 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		42,292	41,228	41,861	125,381	41,794	23

CRAWFORDSVILLE ELECTRIC LIGHT & POWER
Crawfordsville, Indiana

CALCULATION OF LINE LOSS FACTOR
FOR YEAR 2016

Month	Metered kWh Sold	IMPA Metered kWh Purchased
January	32,153,172	35,561,746
February	32,467,636	32,752,270
March	32,653,011	32,341,215
April	31,430,025	31,430,570
May	29,793,164	32,739,852
June	31,429,543	37,545,760
July	37,580,002	39,786,454
August	40,062,059	41,548,830
September	37,132,988	35,874,957
October	35,956,399	32,652,521
November	30,171,199	30,921,423
December	31,240,091	34,577,916
Subtotal	402,069,290	417,733,514
Other Adjustments (ie Unmetered sales)	2,464,221	0
Total	404,533,511	417,733,514
Estimated Losses kWh		13,200,003
Line Loss as percent of total purchases		3.16%

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 RS (A)	Municipal Power GP & MP (B)	Primary Power Service PP (C)	(D)	Outdoor Lighting OL (E)	Street Lighting SL (F)	Traffic Lighting TS (G)	Total (H)
1	January	7,418,414	4,574,256	20,160,502		122,946	125,303	12,599	32,414,020
2	February	7,699,961	4,670,859	20,098,817		102,746	104,200	12,599	32,687,181
3	March	7,017,124	4,599,233	21,036,654		103,194	104,200	12,599	32,873,004
4	April*	5,499,636	4,078,451	21,851,939		84,321	87,122	12,599	31,614,067
5	May	5,128,562	3,913,747	20,750,855		74,798	76,100	12,599	29,956,661
6	June	5,606,613	4,044,728	21,778,203		64,496	66,897	12,599	31,573,535
7	July	8,037,669	4,912,672	24,629,661		71,474	74,682	12,599	37,738,757
8	August	9,307,313	5,414,571	25,340,175		79,707	86,727	12,599	40,241,092
9	September	8,927,462	5,296,279	22,909,247		88,733	96,910	12,599	37,331,230
10	October	6,780,745	5,099,963	24,075,691		102,457	114,121	12,599	36,185,576
11	November	4,645,895	3,938,055	21,587,249		108,963	121,230	12,599	30,413,991
12	December	5,882,151	4,152,149	21,205,791		119,056	132,650	12,599	31,504,396
13	Total	81,951,545	54,694,963	265,422,782	0	1,122,891	1,190,142	151,188	404,533,511
14	Percent of Total	(b) <u>20.2583%</u>	<u>13.5205%</u>	<u>65.6121%</u>	<u>0.0000%</u>	<u>0.2776%</u>	<u>0.2942%</u>	<u>0.0374%</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) -5.632%	-3.617%	2.702%	0.000%	-2.103%	-0.467%	-5.645%	
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) 11.016%	17.332%	72.244%	0.000%	0.000%	0.000%	0.000%	100.593%
19	Percent of Total	(e) <u>10.951%</u>	<u>17.230%</u>	<u>71.819%</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 2016.

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

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

(e) (Line 18) / (Line 18, column H). Proposed kW Demand allocator for year 2015.

**INDIANA MUNICIPAL POWER AGENCY
ECA ESTIMATES FOR JULY, AUGUST and SEPTEMBER
2017 - 3RD QUARTER**

	JUL	AUG	SEP	JUL	AUG	SEP
	<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 CRAWFORDSVILLE	73,439	69,063	72,557	40,133,024	40,759,244	34,837,994



IMPA

INDIANA MUNICIPAL POWER AGENCY

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

Due Date:
03/16/17

Amount Due:
\$2,399,449.90

Billing Period: January 1 to 31, 2017

Invoice No: INV0007164
 Invoice Date: 02/14/17

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	59,398	5,275	99.61%	01/06/17	900	79.43%
CP Billing Demand:	59,398	5,275	99.61%	01/06/17	900	79.43%
kvar at 97% PF:		14,887				
Reactive Demand:		-				

Energy	kWh
CELP #1:	20,435,472
CELP #2:	14,540,400
Crawfordsville Solar:	124,047
Total Energy:	35,099,919

History	Jan 2017	Jan 2016	2017 YTD
Max Demand (kW):	59,398	59,751	59,398
CP Demand (kW):	59,398	59,401	59,398
Energy (kWh):	35,099,919	35,561,746	35,099,919
CP Load Factor:	79.43%	80.47%	
HDD/CDD (Lafayette):	1013/0	1172/0	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 22.965 / kW x	59,398	\$ 1,364,075.07
ECA Demand Charge:	\$ 0.416 / kW x	59,398	\$ 24,709.57
Total Demand Charges:			\$ 1,388,784.64
Base Energy Charge:	\$ 0.030565 / kWh x	35,099,919	\$ 1,072,829.02
ECA Energy Charge:	\$ (0.001775) / kWh x	35,099,919	\$ (62,302.36)
Total Energy Charges:			\$ 1,010,526.66
Average Purchased Power Cost: 6.84 cents per kWh			Total Purchased Power Charges: \$ 2,399,311.30

Other Charges and Credits

Green Power Program - 15,400 kWh * \$0.009 per kWh:	\$ 138.60
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NET AMOUNT DUE: \$ 2,399,449.90

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 03/16/17

Questions, please call: 317-573-9955

Send payments to: Indiana Municipal Power Agency
 P.O. Box 772880, Chicago, IL 60677-2880



IMPA

INDIANA MUNICIPAL POWER AGENCY

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

Due Date:
04/13/17

Amount Due:
\$2,159,701.37

Billing Period: February 1 to 28, 2017

Invoice No: INV0007250
Invoice Date: 03/14/17

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	55,862	5,915	99.44%	02/03/17	1100	80.21%
CP Billing Demand:	55,287	5,537	99.50%	02/10/17	800	81.05%
kvar at 97% PF:		13,856				
Reactive Demand:		-				

Energy	kWh
CELP #1:	17,384,760
CELP #2:	12,415,176
Crawfordsville Solar:	311,124
Total Energy:	30,111,060

History	Feb 2017	Feb 2016	2017 YTD
Max Demand (kW):	55,862	57,238	59,398
CP Demand (kW):	55,287	57,238	59,398
Energy (kWh):	30,111,060	32,752,270	65,210,979
CP Load Factor:	81.05%	85.15%	
HDD/CDD (Lafayette):	691/0	955/0	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 22.965 / kW x	55,287	\$ 1,269,665.96
ECA Demand Charge:	\$ 0.416 / kW x	55,287	\$ 22,999.39
Total Demand Charges:			\$ 1,292,665.35
Base Energy Charge:	\$ 0.030565 / kWh x	30,111,060	\$ 920,344.55
ECA Energy Charge:	\$ (0.001775) / kWh x	30,111,060	\$ (53,447.13)
Total Energy Charges:			\$ 866,897.42
Average Purchased Power Cost: 7.17 cents per kWh			Total Purchased Power Charges: \$ 2,159,562.77

Other Charges and Credits

Green Power Program - 15,400 kWh * \$0.009 per kWh:	\$ 138.60
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NET AMOUNT DUE: \$ 2,159,701.37

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 04/13/17

Questions, please call: 317-573-9955

Send payments to: Indiana Municipal Power Agency
P.O. Box 772880, Chicago, IL 60677-2880



IMPA

INDIANA MUNICIPAL POWER AGENCY

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

Due Date: 5/15/2017	Amount Due: \$ 2,221,650.26
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Billing Period: March 1 to 31, 2017

Invoice No: INV0007328
 Invoice Date: 4/14/2017

Summary of Charges

Demand Charges:	\$ 1,274,147.60
Energy Charges:	\$ 947,364.06
Subtotal - Purchased Power Charges*:	<u>\$ 2,221,511.66</u>
Other Charges and Credits:	\$ 138.60
Net Amount Due:	<u>\$ 2,221,650.26</u>

*Average Purchased Power Cost: 6.75 cents per kWh

Notice something different?

The new invoice layout has the same information as last month's statement, in an easier to read format.

Due Date: 5/15/2017	Amount Due: \$ 2,221,650.26
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To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 05/15/17

Questions, please call: 317-573-9955

Send payments to:
 Indiana Municipal Power Agency
 P.O. Box 772880, Chicago, IL 60677-2880

Crawfordsville Electric Light & Power
 Billing Period: March 1 to 31, 2017

Due Date: 5/15/2017	Amount Due: \$ 2,221,650.26
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Demand						
Demand Information	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	54,513	5,639	99.47%	03/15/17	800	81.13%
CP Billing Demand:	54,495	5,971	99.41%	03/15/17	700	81.16%
kvar at 97% PF:		13,658				
Reactive Demand:		-				

Demand Charges	Rate	Units	Charge
Base Demand Charge:	\$ 22.965 / kW x	54,495	\$ 1,251,477.68
ECA Demand Charge:	\$ 0.416 / kW x	54,495	\$ 22,669.92
Total Demand Charges:			\$ 1,274,147.60

Energy	
Energy Information	kWh
CELP #1:	18,908,640
CELP #2:	13,585,032
Crawfordsville Solar:	412,339
Total Energy:	32,906,011

Energy Charges	Rate	Units	Charge
Base Energy Charge:	\$ 0.030565 / kWh x	32,906,011	\$ 1,005,772.23
ECA Energy Charge:	\$ (0.001775) / kWh x	32,906,011	\$ (58,408.17)
Total Energy Charges:			\$ 947,364.06

Other Charges and Credits	
Other Charges and Credits	
Green Power Program - 15,400 kWh * \$0.009 per kWh:	\$ 138.60
Total Other Charges and Credits:	\$ 138.60

History			
	Mar 2017	Mar 2016	2017 YTD
Max Demand (kW):	54,513	53,208	59,398
CP Demand (kW):	54,495	53,208	59,398
Energy (kWh):	32,906,011	32,341,215	98,116,990
CP Load Factor:	81.16%	81.70%	
HDD/CDD (Lafayette):	724/1	572/0	