



# 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](http://www.celp.com)

125 YEARS OF SERVICE

Received: November 9, 2018

IURC 30-Day Filing No.: 50233

Indiana Utility Regulatory Commission

October 23, 2018

**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 NOV, 15, 2018. In addition, the Legal Notice has been placed on the utility website rates page ([www.celp.com](http://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](mailto:philg@celp.com)

The proposed rate adjustment will apply to electric customer bills during the three months of January, February, and March 2019. The average residential customer using 800 kWh will see an increase of approximately \$0.60 or 0.7%.

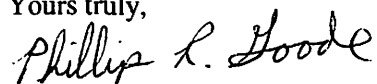
Ms. Mary Beccera

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,

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

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

October 23, 2018

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:	\$ 0.000741 per kWh
Gen. Power & Municipal Power	Decrease of:	\$ (0.000791) per kWh
Primary Power Service	Decrease of:	\$ (0.268040) per kVA
	Increase of:	\$ 0.000033 per kWh
Outdoor Lighting	Increase of:	\$ 0.000144 per kWh
Street Lighting	Increase of:	\$ 0.000170 per kWh
Traffic Lighting	Decrease of:	\$ (0.000601) 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 2019 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 9 day of November 2019, Phillip R. Goode, who after having been duly sworn according to law, stated 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



## 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	\$	(0.004322) per kWh
Rate GP & MP	\$	(0.003493) per kWh
Rate PP	\$	1.535784 per kVA
Rate PP	\$	(0.006387) per kWh
Rate OL	\$	(0.007847) per kWh
Rate SL	\$	(0.007812) per kWh
Rate TS	\$	(0.007146) per kWh

Applicable: January, February and March, 2019

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](http://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](http://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)	\$ (0.004322)	per KWH
Gen. Power & Municipal Power (GP & MP)	\$ (0.003493)	per KWH
Primary Power Service (PP)	\$ 1.535784	per KVA
	\$ (0.006387)	per KWH
Outdoor Lighting (OL)	\$ (0.007847)	per KWH
Street Lighting (SL)	\$ (0.007812)	per KWH
Traffic Lighting (TS)	\$ (0.007146)	per KWH

Applicable: January, February and March, 2019

**CRAWFORDSVILLE ELECTRIC LIGHT & POWER**

**Crawfordsville, Indiana**

**Appendix B**

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

Residential Service	RS	\$ (0.004322)	per KWH
Gen. Power & Municipal Power	GP & MP	\$ (0.003493)	per KWH
Primary Power Service	PP	\$ 1.535784	per KVA
		\$ (0.006387)	per KWH
Outdoor Lighting	OL	\$ (0.007847)	per KWH
Street Lighting	SL	\$ (0.007812)	per KWH
Traffic Lighting	TS	\$ (0.007146)	per KWH

Average Change in Schedule of Rates:

Residential Service	RS	Increase	\$ 0.000741	per KWH
Gen. Power & Municipal Power	GP & MP	Decrease	\$ (0.000791)	per KWH
Primary Power Service	PP	Decrease	\$ (0.268040)	per KVA
		Increase	\$ 0.000033	per KWH
Outdoor Lighting	OL	Increase	\$ 0.000144	per KWH
Street Lighting	SL	Increase	\$ 0.000170	per KWH
Traffic Lighting	TS	Decrease	\$ (0.000601)	per KWH

Applicable: January, February and March, 2019

**CRAWFORDSVILLE ELECTRIC LIGHT & POWER**  
**Crawfordsville, Indiana**

**Proposed Rate Adjustment Applicable to the 1st Quarter 2018  
and Supporting Schedules**

**For use with rates approved under IURC Cause No. 44684  
January, February, and March, 2019**

CRAWFORDSVILLE ELECTRIC LIGHT & POWER

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DETERMINATION OF INCREMENTAL CHANGE IN BASE RATE

LINE NO.	DESCRIPTION		DEMAND RELATED	ENERGY RELATED	LINE NO.
1	BASE RATE EFFECTIVE 01-Jan-19 (a)		\$24.698	\$0.030772	1
2	BASE RATE EFFECTIVE 01-Jan-15 (b)		\$20.984	\$0.033241	2
3	INCREMENTAL CHANGE IN BASE RATE (c)		\$3.714	(\$0.002469)	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 &amp; POWER

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

LINE NO.	DESCRIPTION	Jan-19	Feb-19	Mar-19	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)			55,769	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 &amp; POWER

## DETERMINATION OF DEMAND RATE ADJUSTMENT FOR RATE SCHEDULE PP

For the Three Months of: January, February, and March

2019

LINE NO.	Demand Related Adjustment Factors		LINE NO.
	<u>Rate PP</u>		
1	From Attachment B, Page 3 of 3, Column C, Line 3	\$70,156.63	1
2	From Attachment B, Page 2 of 3, Column C, Line 3	39,836.40 kW	2
3	Line 1 divided by Line 2	\$ 1.761119	3
4	Line 3 multiplied by 87.205% *	\$ 1.535784	4
5	Demand Related Rate Adjustment Factor	\$ 1.535784 per KVA	5

\* Average Power Factor of the PP class.

CRAWFORDSVILLE ELECTRIC LIGHT & POWER  
DETERMINATION OF RATE ADJUSTMENT FOR THE  
THREE MONTHS OF  
Jan-19 Feb-19 Mar-19

LINE NO.	DESCRIPTION	DEMAND RELATED (A)	ENERGY RELATED (B)	LINE NO.
1	INCREMENTAL CHANGE IN BASE RATE (a)	\$3.714	-\$0.002469	1
2	ESTIMATED SAVINGS (LOSS) FROM DEDICATED CAPACITY PAYMENTS (b)	\$0.000	--	2
3	ESTIMATED PURCHASED POWER ENERGY COST ADJUSTMENT (c)	(\$2.450)	-\$0.003505	3
4	ESTIMATED TOTAL CHANGE IN PURCHASED POWER RATE	\$1.264	-\$0.005974	4
5	EST CHANGE IN PURCHASED POWER RATE ADJ FOR LOSSES & GR INCOME TAX (d)	\$1.321	-\$0.006244	5
6	PLUS TRACKING FACTOR EFFECTIVE PRIOR TO JANUARY 27, 1983 (e)	\$0.000	\$0.000000	6
7	ESTIMATED TOTAL RATE ADJUSTMENT	\$1.321	-\$0.006244	7
8	ESTIMATED AVERAGE BILLING UNITS (f)	55,769	33,959,430	8
9	ESTIMATED INCREMENTAL CHANGE IN PURCHASED POWER COST (g)	\$73,670.85	(\$212,042.68)	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)

= 0.9567158

(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-19	Feb-19	Mar-19			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	10.991%	20.332%	6,129.8	6,904,800	\$8,097.44	(\$43,113.57)	(\$35,016.13)	1
2	GP & MP	17.578%	13.793%	9,802.8	4,683,980	\$12,949.53	(\$29,246.77)	(\$16,297.24)	2
3	PP	71.431%	65.257%	39,836.4	22,160,750	\$52,623.88	(\$138,371.73)	(\$85,747.85)	3
4		0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	4
5	OL	0.000%	0.275%	0.0	93,476	\$0.00	(\$583.67)	(\$583.67)	5
6	SL	0.000%	0.304%	0.0	103,357	\$0.00	(\$645.36)	(\$645.36)	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	13,067	\$0.00	(\$81.59)	(\$81.59)	9
10		0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	10
11									
12	TOTAL	100.000%	100.000%	55,769.0	33,959,430	\$73,670.85	(\$212,042.68)	(\$138,371.83)	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	(\$2,502.35)	\$7,675.95	\$5,595.09	(\$35,437.62)	(\$29,842.53)	0.000810	(0.005132)	(0.004322)	1
2	GP & MP	(\$980.27)	\$915.57	\$11,969.26	(\$28,331.20)	(\$16,361.94)	0.002555	(0.006049)	(0.003493)	2
3	PP	\$17,532.75	(\$3,159.87)	\$70,156.63	(\$141,531.60)	(\$71,374.97)	0.003166	(0.006387)	(0.003221)	3
4		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.000000	0.000000	0.000000	4
5	OL	(\$2.94)	(\$146.94)	(\$2.94)	(\$730.61)	(\$733.55)	(0.000031)	(0.007816)	(0.007847)	5
6	SL	(\$2.96)	(\$159.08)	(\$2.96)	(\$804.44)	(\$807.39)	(0.000029)	(0.007783)	(0.007812)	
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	(\$0.01)	(\$11.78)	(\$0.01)	(\$93.37)	(\$93.38)	(0.000001)	(0.007145)	(0.007146)	
10		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.000000	0.000000	0.000000	
11										
12	TOTAL	\$14,044.23	\$5,113.86	\$87,715.08	(\$206,928.82)	(\$119,213.75)	0.002583	(0.006093)	(0.003510)	10

(a) Exhibit IV, Page 4 of 7, Columns D and E divided by (1 - loss factor)(.986) = 0.9567158

(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-18	Aug-18	Sep-18	LINE NO.
			DEMAND RELATED (A)	ENERGY RELATED (B)	
1	INCREMENTAL CHANGE IN BASE RATE (a)		\$2.630	(\$0.001366)	1
2	ACTUAL SAVINGS FROM DEDICATED CAPACITY PAYMENTS (b)		\$0.000	--	2
3	ACTUAL PURCHASED POWER ENERGY COST ADJUSTMENT (c)		(\$0.939)	(\$0.004650)	3
4	TOTAL RATE ADJUSTMENT (d)		\$1.691	(\$0.006016)	4
5	ACTUAL AVERAGE BILLING UNITS (e)		73,320	38,587,153	5
6	ACTUAL INCREMENTAL CHANGE IN PURCHASED POWER COST (f)		\$123,984.12	(\$232,140.31)	6

(a) Attachment 1, Page 1 of 3, Line 1 of Tracker filing for the three months of:  
Jul-18 Aug-18 Sep-18

(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)	Jul-18	Aug-18	Sep-18	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	10.991%	20.332%	8,058.9	7,845,732		\$13,627.57	(\$47,199.92)	(\$33,572.35)	1
2	GP & MP	17.578%	13.793%	12,887.9	5,322,275		\$21,793.36	(\$32,018.81)	(\$10,225.45)	2
3	PP	71.431%	65.257%	52,373.3	25,180,643		\$88,563.19	(\$151,486.74)	(\$62,923.55)	3
4		0.000%	0.000%	0.0	0		\$0.00	\$0.00	\$0.00	4
5	OL	0.000%	0.275%	0.0	106,214		\$0.00	(\$638.99)	(\$638.99)	5
6	SL	0.000%	0.304%	0.0	117,441		\$0.00	(\$706.53)	(\$706.53)	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	0.000%	0.038%	0.0	14,847		\$0.00	(\$89.32)	(\$89.32)	9
10		0.000%	0.000%	0.0	0		\$0.00	\$0.00	\$0.00	10
11										11
12	TOTAL	100.000%	100.000%	73,320.0	38,587,153		\$123,984.12	(\$232,140.31)	(\$108,156.19)	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 AVERAGE KWH SALES (a) (A)	ACTUAL AVERAGE KVA SALES (a) (A)	Jul-18	Aug-18	Sep-18	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	9,076,551	-	0.001546	(0.005264)	\$13,835.89	(\$47,110.06)	(\$2,185.71)	\$7,433.56	1
2	GP & MP	5,308,644	-	0.004161	(0.006222)	\$21,780.02	(\$32,567.96)	(\$951.18)	\$326.79	2
3	PP	23,936,037	47,885.42	1.649932	(0.006505)	\$77,901.57	(\$153,524.07)	\$6,112.24	(\$5,060.42)	3
4		0	-	0.000000	0.000000	\$0.00	\$0.00	\$0.00	\$0.00	4
5	OL	77,451	-	(0.000130)	(0.005457)	(\$9.93)	(\$416.73)	(\$12.74)	\$81.68	5
6	SL	86,715	-	(0.000124)	(0.005566)	(\$10.60)	(\$475.90)	(\$13.43)	\$78.44	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	-	(0.000012)	(0.006338)	(\$0.15)	(\$78.73)	(\$0.16)	(\$0.68)	9
10		0	-	0.000000	0.000000	\$0.00	\$0.00	\$0.00	\$0.00	10
11										11
12	TOTAL	38,497,997	47,885			\$113,496.81	(\$234,173.45)	\$2,949.02	\$2,859.37	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-18	Aug-18	Sep-18
Jul-18	Aug-18	Sep-18
0.986		
0.986		
Jul-18	Aug-18	Sep-18
Jul-18	Aug-18	Sep-18

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	\$16,021.60	(\$54,543.62)	(\$38,522.01)	(\$2,394.03)	\$7,343.70	\$4,949.66	1
2	GP & MP	\$22,731.20	(\$32,894.75)	(\$10,163.55)	(\$937.84)	\$875.94	(\$61.90)	2
3	PP	\$71,789.33	(\$148,463.65)	(\$76,674.31)	\$16,773.86	(\$3,023.09)	\$13,750.76	3
4		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	4
5	OL	\$2.81	(\$498.41)	(\$495.60)	(\$2.81)	(\$140.58)	(\$143.39)	5
6	SL	\$2.83	(\$554.34)	(\$551.51)	(\$2.83)	(\$152.19)	(\$155.02)	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	\$0.01	(\$78.05)	(\$78.04)	(\$0.01)	(\$11.27)	(\$11.28)	9
10		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	10
11								11
12	TOTAL	\$110,547.79	(\$237,032.82)	(\$126,485.03)	\$13,436.33	\$4,892.51	\$18,328.84	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 &amp; POWER

ESTIMATION OF ENERGY COST ADJUSTMENT  
FOR THE THREE MONTHS OF:

LINE NO.	DESCRIPTION	Jan-19	Feb-19	Mar-19	TOTAL (D)	ESTIMATED 3 MONTH AVERAGE (E)	LINE NO.
		(A)	(B)	(C)		(E)	
PURCHASED POWER FROM IMPA							
1	KW DEMAND	56,189	57,414	53,703	167,306	55,769	1
2	KWH ENERGY	36,539,770	32,341,359	32,997,162	101,878,291	33,959,430	2
INCREMENTAL PURCHASED POWER COSTS							
DEMAND RELATED							
3	ECA FACTOR PER KW	(2.450)	(2.450)	(2.450)		(2.450)	3
4	CHARGE (a)	(\$137,663.05)	(\$140,664.30)	(\$131,572.35)	(\$409,899.70)	(\$136,633.23)	4
ENERGY RELATED							
5	ECA FACTOR PER KWH	(0.003505)	(0.003505)	(0.003505)		(0.003505)	5
6	CHARGE (b)	(\$128,071.89)	(\$113,356.46)	(\$115,655.05)	(\$357,083.41)	(\$119,027.80)	6

(a) Line 1 times Line 3

(b) Line 2 times Line 5

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

LINE NO.	DESCRIPTION	Jul-18	Aug-18	Sep-18	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)	74,016	73,030	72,914	219,960	73,320	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-18 (A)	Aug-18 (B)	Sep-18 (C)	TOTAL (D)	ACTUAL 3 MONTH AVERAGE (E)	LINE NO.
PURCHASED POWER FROM IMPA							
1	KW DEMAND (a)	74,016	73,030	72,914	219,960	73,320	1
2	KWH ENERGY (a)	39,657,231	40,319,194	35,785,033	115,761,458	38,587,153	2
INCREMENTAL PURCHASED POWER COSTS							
DEMAND RELATED							
3	ECA FACTOR PER KW (a)	(0.939)	(0.939)	(0.939)		(0.939)	3
4	CHARGE (b)	(\$69,501.02)	(\$68,575.17)	(\$68,466.25)	(\$206,542.44)	(\$68,847.48)	4
ENERGY RELATED							
5	ECA FACTOR PER KWH (a)	(0.004650)	(0.004650)	(0.004650)		(0.004650)	5
6	CHARGE (c)	(\$184,406.12)	(\$187,484.25)	(\$166,400.40)	(\$538,290.78)	(\$179,430.26)	6

(a) From IMPA bills for the months of:

Jul-18

Aug-18

Sep-18

(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	Jul-18 (A)	Aug-18 (B)	Sep-18 (C)	TOTAL (D)	AVERAGE (E)	LINE NO.
1	RS	9,270,443	8,491,615	9,467,596	27,229,654	9,076,551	1
2	GP & MP	5,270,221	4,935,416	5,720,294	15,925,931	5,308,644	2
3	PP	22,864,509	23,882,153	25,061,450	71,808,112	23,936,037	3
4		0	0	0	0	0	4
5	OL	67,099	77,926	87,327	232,352	77,451	5
6	SL	75,002	87,371	97,772	260,145	86,715	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	37,559,873	37,487,080	40,447,038	115,493,991	38,497,997	12

DETERMINATION OF ACTUAL AVERAGE KW/KVA SALES

		Jul-18	Aug-18	Sep-18	TOTAL	AVERAGE	
13		0	0	0	0	0	13
14		0	0	0	0	0	14
15	PP NCF	48,008	47,944	47,705	143,656	47,885	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		48,008	47,944	47,705	143,656	47,885	23

**CRAWFORDSVILLE ELECTRIC LIGHT & POWER**  
Crawfordsville, Indiana

CALCULATION OF LINE LOSS FACTOR  
FOR YEAR 2017

Month	Metered kWh Sold	IMPA Metered kWh Purchased
January	32,675,246	35,099,919
February	32,559,516	30,111,060
March	29,357,868	32,906,011
April	32,018,603	30,082,965
May	29,418,825	32,293,997
June	30,509,996	35,990,720
July	36,307,574	38,822,069
August	36,700,785	37,494,562
September	35,923,540	33,751,904
October	32,944,217	32,748,864
November	30,287,168	31,596,056
December	31,792,814	34,058,067
Subtotal	390,496,152	404,956,194
Other Adjustments (ie Unmetered sales)	2,427,279	0
Total	392,923,431	404,956,194
Estimated Losses kWh		12,032,763
Line Loss as percent of total purchases		2.97%

## 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	(D)	Outdoor Lighting	Street Lighting	Traffic Lighting	Total (H)
		RS (A)	GP & MP (B)	PP (C)		OL (E)	SL (F)	TS (G)	
1	January	9,025,696	5,110,798	18,538,752		114,835	125,525	12,599	32,928,205
2	February	7,200,582	4,507,940	20,850,994		96,018	104,440	12,599	32,772,573
3	March	5,555,503	3,808,496	19,993,869		96,429	107,037	12,599	29,573,933
4	April*	6,455,359	4,504,501	21,058,743		78,630	87,335	12,599	32,197,167
5	May	4,349,303	3,743,060	21,326,462		69,687	77,460	12,599	29,578,571
6	June	5,769,122	4,295,980	20,444,894		60,627	66,999	12,599	30,650,221
7	July	8,245,233	5,247,319	22,815,022		67,629	74,552	12,599	36,462,354
8	August	8,059,689	5,000,893	23,640,203		78,624	86,885	12,599	36,878,893
9	September	7,252,574	5,126,314	23,544,652		87,344	97,087	12,599	36,120,570
10	October	6,588,377	4,767,536	21,588,304		102,990	114,329	12,599	33,174,135
11	November	5,114,212	3,908,112	21,264,844		109,238	121,451	12,599	30,530,456
12	December	6,275,773	4,174,649	21,342,392		119,507	132,779	12,599	32,057,699
13	Total	79,891,423	54,195,598	256,409,131	0	1,081,558	1,195,879	151,188	392,924,777
14	Percent of Total	(b) <u>20.3325%</u>	<u>13.7929%</u>	<u>65.2565%</u>	<u>0.0000%</u>	<u>0.2753%</u>	<u>0.3044%</u>	<u>0.0385%</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) -5.286%	-1.675%	2.145%	0.000%	-2.921%	2.968%	-2.858%	
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) 11.056%	17.681%	71.853%	0.000%	0.000%	0.000%	0.000%	100.591%
19	Percent of Total	(e) <u>10.991%</u>	<u>17.578%</u>	<u>71.431%</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 2018.

(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 2018.

**INDIANA MUNICIPAL POWER AGENCY  
 ECA ESTIMATES FOR JANUARY, FEBRUARY and MARCH  
 2019 - 1ST QUARTER**

	JAN	FEB	MAR	JAN	FEB	MAR
	<u>\$/kW-month</u>			<u>\$/kWh</u>		
IMPA's Energy Cost Adjustment	(2.450)	(2.450)	(2.450)	(0.003505)	(0.003505)	(0.003505)
	<u>kW</u>			<u>kWh</u>		
To develop these Energy Cost Adjustment factors, IMPA used the following estimated loads for <b>CRAWFORDSVILLE</b>	56,189	57,414	53,703	36,539,770	32,341,359	32,997,162

**ESTIMATED 2019 PURCHASED POWER SALES AND CHARGES BY MONTH**

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

**CRAWFORDSVILLE**

Month	Billing Units			Load Factor	IMPA 2019 Wholesale Rate Components with ECA			Projected Bill Totals	Average Cost Cents/kWh
	kW	kWh	Prim. Volt. kW		Demand Charge	Energy Charge	Primary Voltage Charge		
					\$ 22.248	\$ 0.027267	\$ 0.974		
Jan	56,189	36,539,770	-	87.4%	\$ 1,250,092.87	\$ 996,329.91	\$ -	\$ 2,246,422.78	6.148
Feb	57,414	32,341,359	-	83.8%	\$ 1,277,346.67	\$ 881,851.84	\$ -	\$ 2,159,198.51	6.676
Mar	53,703	32,997,162	-	82.6%	\$ 1,194,784.34	\$ 899,733.62	\$ -	\$ 2,094,517.96	6.348
Apr	50,485	30,457,901	-	83.8%	\$ 1,123,190.28	\$ 830,495.59	\$ -	\$ 1,953,685.87	6.414
May	60,930	32,506,486	-	71.7%	\$ 1,355,570.64	\$ 886,354.35	\$ -	\$ 2,241,924.99	6.897
Jun	71,496	36,280,191	-	70.5%	\$ 1,590,643.01	\$ 989,251.97	\$ -	\$ 2,579,894.98	7.111
Jul	68,207	38,665,063	-	76.2%	\$ 1,517,469.34	\$ 1,054,280.27	\$ -	\$ 2,571,749.61	6.651
Aug	72,037	39,459,403	-	73.6%	\$ 1,602,679.18	\$ 1,075,939.54	\$ -	\$ 2,678,618.72	6.788
Sep	68,908	33,114,389	-	66.7%	\$ 1,533,065.18	\$ 902,930.04	\$ -	\$ 2,435,995.22	7.356
Oct	54,855	32,422,491	-	79.4%	\$ 1,220,414.04	\$ 884,064.06	\$ -	\$ 2,104,478.10	6.491
Nov	50,442	31,520,321	-	86.8%	\$ 1,122,233.62	\$ 859,464.59	\$ -	\$ 1,981,698.21	6.287
Dec	53,403	33,541,621	-	84.4%	\$ 1,188,109.94	\$ 914,579.38	\$ -	\$ 2,102,689.32	6.269
<b>Total</b>	<b>718,069</b>	<b>409,846,157</b>	<b>-</b>	<b>78.2%</b>	<b>\$ 15,975,599.11</b>	<b>\$ 11,175,275.16</b>	<b>\$ -</b>	<b>\$ 27,150,874.27</b>	<b>6.625</b>



# IMPA

INDIANA MUNICIPAL POWER AGENCY

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

<b>Due Date:</b> 9/13/2018	<b>Amount Due:</b> \$ 2,758,099.72
-------------------------------	---------------------------------------

**Billing Period: July 1 to 31, 2018**

Invoice No: INV0008707  
 Invoice Date: 8/14/2018

<b>Summary of Charges</b>	
Demand Charges:	\$ 1,678,312.80
Energy Charges:	\$ 1,079,668.12
Subtotal - Purchased Power Charges*:	\$ 2,757,980.92
Other Charges and Credits:	\$ 118.80
<b>Net Amount Due:</b>	<b>\$ 2,758,099.72</b>

\*Average Purchased Power Cost: 6.96 cents per kWh

<b>Due Date:</b> 9/13/2018	<b>Amount Due:</b> \$ 2,758,099.72
-------------------------------	---------------------------------------

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 09/13/18

Questions, please call: 317-573-9955

**Send ACH or Wire payments to:**  
 PNC Bank  
 ABA# 071921891 (ACH) or ABA# 041000124 (Wire)  
 Bank Account 4803452201

- OR -

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

Indiana Municipal Power Agency - Billing Detail  
 Crawfordsville Electric Light & Power  
 Billing Period: July 1 to 31, 2018

<b>Due Date:</b> 9/13/2018	<b>Amount Due:</b> \$ 2,758,099.72
-------------------------------	---------------------------------------

<b>Demand</b>						
<b>Demand Information</b>	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	74,016	8,784	99.30%	07/10/18	1400	72.02%
CP Billing Demand:	74,016	8,784	99.30%	07/10/18	1400	72.02%
kvar at 97% PF:		18,550				
Reactive Demand:		-				

<b>Demand Charges</b>	Rate	Units	Charge
Base Demand Charge:	\$ 23.614 / kW x	74,016	\$ 1,747,813.82
ECA Demand Charge:	\$ (0.939) / kW x	74,016	\$ (69,501.02)
<b>Total Demand Charges:</b>			<b>\$ 1,678,312.80</b>

<b>Energy</b>	
<b>Energy Information</b>	kWh
CELP #1:	23,127,192
CELP #2:	16,316,496
Crawfordsville Solar:	213,543
<b>Total Energy:</b>	<b>39,657,231</b>

<b>Energy Charges</b>	Rate	Units	Charge
Base Energy Charge:	\$ 0.031875 / kWh x	39,657,231	\$ 1,264,074.24
ECA Energy Charge:	\$ (0.004650) / kWh x	39,657,231	\$ (184,406.12)
<b>Total Energy Charges:</b>			<b>\$ 1,079,668.12</b>

<b>Other Charges and Credits</b>	
<b>Other Charges and Credits</b>	
Green Power Program - 13,200 kWh * \$0.009 per kWh:	\$ 118.80
<b>Total Other Charges and Credits:</b>	<b>\$ 118.80</b>

<b>History</b>			
	Jul 2018	Jul 2017	2018 YTD
Max Demand (kW):	74,016	71,026	74,588
CP Demand (kW):	74,016	68,764	74,016
Energy (kWh):	39,657,231	38,822,069	247,341,434
CP Load Factor:	72.02%	75.88%	
HDD/CDD (Lafayette):	2/270	0/282	



# IMPA

INDIANA MUNICIPAL POWER AGENCY

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

<b>Due Date:</b> 10/15/2018	<b>Amount Due:</b> \$ 2,753,764.11
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**Billing Period: August 1 to 31, 2018**

Invoice No: INV0008800  
Invoice Date: 9/14/2018

<b>Summary of Charges</b>	
Demand Charges:	\$ 1,655,955.25
Energy Charges:	\$ 1,097,690.06
Subtotal - Purchased Power Charges*:	\$ 2,753,645.31
Other Charges and Credits:	\$ 118.80
<b>Net Amount Due:</b>	<b>\$ 2,753,764.11</b>

\*Average Purchased Power Cost: 6.83 cents per kWh

<b>Due Date:</b> 10/15/2018	<b>Amount Due:</b> \$ 2,753,764.11
--------------------------------	---------------------------------------

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 10/15/18  
Questions, please call: 317-573-9955

**Send ACH or Wire payments to:**  
PNC Bank  
ABA# 071921891 (ACH) or ABA# 041000124 (Wire)  
Bank Account 4803452201

- OR -

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

Indiana Municipal Power Agency - Billing Detail  
 Crawfordsville Electric Light & Power  
 Billing Period: August 1 to 31, 2018

<b>Due Date:</b> 10/15/2018	<b>Amount Due:</b> \$ 2,753,764.11
--------------------------------	---------------------------------------

<b>Demand</b>						
<b>Demand Information</b>	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	74,516	7,850	99.45%	08/06/18	1400	72.73%
CP Billing Demand:	73,030	6,362	99.62%	08/28/18	1600	74.21%
kvar at 97% PF:		18,303				
Reactive Demand:		-				

<b>Demand Charges</b>	Rate	Units	Charge
Base Demand Charge:	\$ 23.614 / kW x	73,030	\$ 1,724,530.42
ECA Demand Charge:	\$ (0.939) / kW x	73,030	\$ (68,575.17)
<b>Total Demand Charges:</b>			<b>\$ 1,655,955.25</b>

<b>Energy</b>	
<b>Energy Information</b>	kWh
CELP #1:	23,215,680
CELP #2:	16,649,640
Crawfordsville Solar:	453,874
<b>Total Energy:</b>	<b>40,319,194</b>

<b>Energy Charges</b>	Rate	Units	Charge
Base Energy Charge:	\$ 0.031875 / kWh x	40,319,194	\$ 1,285,174.31
ECA Energy Charge:	\$ (0.004650) / kWh x	40,319,194	\$ (187,484.25)
<b>Total Energy Charges:</b>			<b>\$ 1,097,690.06</b>

<b>Other Charges and Credits</b>	
<b>Other Charges and Credits</b>	
Green Power Program - 13,200 kWh * \$0.009 per kWh:	\$ 118.80
<b>Total Other Charges and Credits:</b>	<b>\$ 118.80</b>

<b>History</b>			
	Aug 2018	Aug 2017	2018 YTD
Max Demand (kW):	74,516	69,756	74,588
CP Demand (kW):	73,030	69,756	74,016
Energy (kWh):	40,319,194	37,494,562	287,660,628
CP Load Factor:	74.21%	72.25%	
HDD/CDD (Lafayette):	1/282	9/139	



# IMPA

INDIANA MUNICIPAL POWER AGENCY

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

<b>Due Date:</b> 11/14/2018	<b>Amount Due:</b> \$ 2,627,699.38
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**Billing Period: September 1 to 30, 2018**

Invoice No: INV0008894  
Invoice Date: 10/15/2018

<b>Summary of Charges</b>	
Demand Charges:	\$ 1,653,324.95
Energy Charges:	\$ 974,247.53
Subtotal - Purchased Power Charges*:	\$ 2,627,572.48
Other Charges and Credits:	\$ 126.90
<b>Net Amount Due:</b>	<b>\$ 2,627,699.38</b>

\*Average Purchased Power Cost: 7.34 cents per kWh

<b>Due Date:</b> 11/14/2018	<b>Amount Due:</b> \$ 2,627,699.38
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To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 11/14/18

Questions, please call: 317-573-9955

**Send ACH or Wire payments to:**  
PNC Bank  
ABA# 071921891 (ACH) or ABA# 041000124 (Wire)  
Bank Account 4803452201

- OR -

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

Indiana Municipal Power Agency - Billing Detail  
 Crawfordsville Electric Light & Power  
 Billing Period: September 1 to 30, 2018

<b>Due Date:</b> 11/14/2018	<b>Amount Due:</b> \$ 2,627,699.38
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<b>Demand</b>						
<b>Demand Information</b>	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	73,595	7,678	99.46%	09/20/18	1600	67.53%
CP Billing Demand:	72,914	7,873	99.42%	09/05/18	1600	68.16%
kvar at 97% PF:		18,274				
Reactive Demand:		-				
<b>Demand Charges</b>	Rate		Units		Charge	
Base Demand Charge:	\$ 23.614 / kW x		72,914		\$ 1,721,791.20	
ECA Demand Charge:	\$ (0.939) / kW x		72,914		\$ (68,466.25)	
<b>Total Demand Charges:</b>					<b>\$ 1,653,324.95</b>	

<b>Energy</b>			
<b>Energy Information</b>	kWh		
CELP #1:	20,561,112		
CELP #2:	14,847,120		
Crawfordsville Solar:	376,801		
<b>Total Energy:</b>	<b>35,785,033</b>		
<b>Energy Charges</b>	Rate	Units	Charge
Base Energy Charge:	\$ 0.031875 / kWh x	35,785,033	\$ 1,140,647.93
ECA Energy Charge:	\$ (0.004650) / kWh x	35,785,033	\$ (166,400.40)
<b>Total Energy Charges:</b>			<b>\$ 974,247.53</b>

<b>Other Charges and Credits</b>	
<b>Other Charges and Credits</b>	
Green Power Program - 14,100 kWh * \$0.009 per kWh:	\$ 126.90
<b>Total Other Charges and Credits:</b>	<b>\$ 126.90</b>

<b>History</b>			
	Sep 2018	Sep 2017	2018 YTD
Max Demand (kW):	73,595	70,522	74,588
CP Demand (kW):	72,914	70,522	74,016
Energy (kWh):	35,785,033	33,751,904	323,445,661
CP Load Factor:	68.16%	66.47%	
HDD/CDD (Lafayette):	55/189	69/136	