

Received On: November 30, 2012
IURC 30-DAY Filing No.: 3086
Indiana Utility Regulatory Commission



**Crawfordsville Electric
Light & Power**

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A DIVISION OF CEL&P

November 29, 2012

Ms. Brenda A. Howe
Secretary of the Commission
Indiana Utility Regulatory Commission
101 West Washington St., Suite 1500 E
Indianapolis, IN 46204

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

Dear Ms. Howe:

Enclosed please find documents in support of our filing for a 30 Day Filing pursuant to 170 IAC Rule 6.

The purpose of our filing is to implement an average change in rates for electric service charged by our supplier, Indiana Municipal Power Agency.

If approved by the Commission, the following need being requested would be provided: Determination of the rate adjustments for the Purchase Power Cost Adjustment Tracking Factor (Appendix A) for the three months of January, February and March 2013. Crawfordsville Electric Light and Power hereby files with the Indiana Utility Regulatory Commission for its approval, changes in the schedules of rates for electricity sold as follows:

Residential Rate Decrease of	(\$0.002748)	per KWH
General Power Rate Decrease of	(0.000399)	per KWH
Primary Power Rate Decrease of	(1.223021)	per KVA
Primary Power Rate Increase of	0.000002	per KWH
Outdoor Lighting Rate Increase of	0.000611	per KWH
Street Lighting Rate Increase of	0.000604	per KWH
Traffic Signal Rate Increase of	0.001469	per KWH

This filing is allowable pursuant to 170 IAC 1-6-3 of Rule 6 because it entails Cause No. 36835-S3 dated December 13, 1989: A filing for which the Commission has already approved or accepted the procedure for the change.

Ms. Brenda A. Howe
RE: Crawfordsville Electric Light and Power
30 Day Filing Pursuant to 170 IAC 1-6-1 et seq.

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The contact for Crawfordsville Electric Light and Power to be contacted regarding this filing is:

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

Attached are the applicable tariff sheets and/or all working papers supporting the filing.

Affected customers have been notified as required under 170 IAC 1-6-6. Notice was published in Journal Review on December 1, 2012. Notice has been posted in a public place in the Crawfordsville Electric Light and Power customer service office(s). Notice has also been posted on the Crawfordsville Electric Light and Power website at www.celp.com. A copy of the notice is attached.

I verify that notice has been provided as stated in this letter and that this letter and the attached documents are true and accurate to the best of my knowledge, information, and belief.

Sincerely,



Phillip R. Goode, Manager

NOTICE

Notice is hereby given that the municipal electric utility of the City of Crawfordsville, Indiana, known as Crawfordsville Electric Light & Power, under and pursuant to the Public Service Commission Act, as amended, and commission order in Cause No. 36835-S3, has filed with the Indiana Utility Regulatory Commission for its approval the incremental changes in the rate adjustment factor by rate schedules as approved in Indiana Utility Regulatory Commission Cause No. 39381

Residential Rate Decrease of	(\$0.002748) per KWH
General Power Rate Decrease of	(0.000399) per KWH
Primary Power Rate Decrease of	(1.223021) per KVA
Primary Power Rate Increase of	0.000002 per KWH
Outdoor Lighting Rate Increase of	0.000611 per KWH
Street Lighting Rate Increase of	0.000604 per KWH
Traffic Signal Rate Increase of	0.001469 per KWH

Rate adjustments applicable to the rate schedules are as follows:

Rate Residential	\$0.006115	per KWH
Rate General Power	0.006589	per KWH
Rate Primary Power	2.077635	per KVA
Rate Primary Power	0.003649	per KWH
Rate Outdoor Lighting	0.007935	per KWH
Rate Street Lighting	0.007730	per KWH
Rate Traffic Signal	0.007049	per KWH

The accompanying changes in 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.

If approved, this change of rate shall take effect for the bills to be rendered beginning with the January 2013 billing cycle.

Objections to this filing can be forwarded to: Secretary, Utility Regulatory Commission, 101 W Washington St., Suite 1500 East, Indianapolis, IN 46204 and Office of Utility Consumer Counselor, 115 W. Washington St., Suite 1500 S, Indianapolis, IN 46204.

CRAWFORDSVILLE ELECTRIC LIGHT & POWER

CRAWFORDSVILLE ELECTRIC LIGHT & POWER
CRAWFORDSVILLE, INDIANA

APPENDIX A

RATE ADJUSTMENT

The Rate Adjustment 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:

Rate Residential	\$0.006115	per KWH
Rate General Power	0.006589	per KWH
Rate Primary Power	2.077635	per KVA
Rate Primary Power	0.003649	per KWH
Rate Outdoor Lighting	0.007935	per KWH
Rate Street Lighting	0.007730	per KWH
Rate Traffic Signal	0.007049	per KWH

CRAWFORDSVILLE, INDIANA
 DETERMINATION OF RATE ADJUSTMENT FOR THE
 THREE MONTHS OF
 JANUARY, FEBRUARY, MARCH, 2013

LINE NO.	DESCRIPTION	DEMAND RELATED	ENERGY RELATED	LINE NO.
		(A)	(B)	
1	INCREMENTAL CHANGE IN BASE RATE (a)	2.415	0.001637	1
2	ESTIMATED SAVINGS FROM DEDICATED CAPACITY PAYMENTS (b)	0.576	--	2
3	ESTIMATED PURCHASED POWER ENERGY COST ADJUSTMENT (c)	<u>(0.897)</u>	<u>0.001570</u>	3
4	ESTIMATED TOTAL CHANGE IN PURCHASED POWER RATE	2.094	0.003207	4
5	EST CHANGE IN PURCHASED POWER RATE ADJ FOR LOSSES & GR INCOME TAX (d)	2.193	0.003359	5
6	PLUS TRACKING FACTOR EFFECTIVE PRIOR TO JANUARY 27, 1983 (e)	<u>0.000</u>	<u>0.000000</u>	6
7	ESTIMATED TOTAL RATE ADJUSTMENT	2.193	0.003359	7
8	ESTIMATED AVERAGE BILLING UNITS (f)	63,156	34,792,909	8
9	ESTIMATED INCREMENTAL CHANGE IN PURCHASED POWER COST (g)	\$138,501.11	\$116,869.38	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, INDIANA
 DETERMINATION OF RATE ADJUSTMENT FOR THE
 THREE MONTHS OF
 JANUARY, FEBRUARY, MARCH, 2013

LINE NO.	RATE SCHEDULE	KW DEMAND ALLOCATOR (%) (a)	KWH ENERGY ALLOCATOR (%) (a)	ALLOCATED ESTIMATED KW PURCHASED (b)	ALLOCATED ESTIMATED KWH PURCHASED (c)	INCREMENTAL CHANGE IN PURCHASED POWER COST ADJ FOR LINE LOSSES & GROSS RECEIPTS TAX			LINE NO.
						DEMAND (d)	ENERGY (e)	TOTAL	
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	
1	RESIDENTIAL	26.114	20.976	16,492.6	7,298,161	\$36,168.18	\$24,514.52	\$60,682.70	1
2	GENERAL POWER	15.510	13.114	9,795.5	4,562,742	\$21,481.52	\$15,326.25	\$36,807.77	2
3	PRIMARY POWER	57.688	65.298	36,433.4	22,718,378	\$79,898.52	\$76,311.03	\$156,209.55	3
4	OL	0.322	0.287	203.4	99,856	\$445.97	\$335.42	\$781.39	4
5	SL	0.325	0.290	205.3	100,899	\$450.13	\$338.92	\$789.05	5
6	TS	0.041	0.037	25.9	12,873	\$58.79	\$43.24	\$100.03	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		0.000	0.000	0.0	0	\$0.00	\$0.00	\$0.00	9
10	TOTAL	100.000	100.000	63,156.0	34,792,909	\$138,501.11	\$116,869.38	\$255,370.49	10

(a) TAKEN FROM PETITIONER'S REVISED EXHIBIT WSS-9 PG. 33 AND 34 OF IURC CAUSE NO. 43773.
 (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, INDIANA

DETERMINATION OF RATE ADJUSTMENT
 FOR THE THREE MONTHS OF
 JANUARY, FEBRUARY, MARCH, 2013

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	RESIDENTIAL	(\$9,595.94)	(\$6,459.24)	\$26,572.24	\$18,055.28	\$44,627.52	0.003641	0.002474	0.006115	1
2	GENERAL POWER	(\$4,856.90)	(\$1,885.80)	\$16,624.62	\$13,440.45	\$30,065.08	0.003644	0.002946	0.006589	2
3	PRIMARY POWER	\$6,903.04	\$6,590.67	\$86,801.56	\$82,901.70	\$169,703.26	0.003821	0.003649	0.007470 (e)	3
4	OL	(\$58.31)	\$69.27	\$387.66	\$404.69	\$792.34	0.003882	0.004053	0.007935	4
5	SL	(\$69.25)	\$60.10	\$380.88	\$399.02	\$779.91	0.003775	0.003955	0.007730	5
6	TS	(\$9.94)	\$0.65	\$46.85	\$43.89	\$90.74	0.003639	0.003409	0.007049	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	8
9		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.000000	0.000000	0.000000	9
10	TOTAL	(\$7,687.29)	(\$1,624.35)	\$130,813.82	\$115,245.03	\$246,058.85	0.003760	0.003312	0.007072	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

(e) See Attachment A

CRAWFORDSVILLE, INDIANA

DETERMINATION OF THE RELATIONSHIP OF COINCIDENT DEMANDS
AND BILLING DEMANDS FOR THE TWELVE MONTH PERIOD ENDED MARCH, 2009

<u>Rate Schedule</u>	<u>Average Billing Demand</u>	<u>Average Coincident Demand</u>
Rate PP	38,014.6	33,150.6
Relationship Percentage		87.205%

CRAWFORDSVILLE, INDIANA

DETERMINATION OF THE RATE ADJUSTMENTS FOR RATE SCHEDULE PP
FOR THE THREE MONTHS OF
JANUARY, FEBRUARY, MARCH, 2013

LINE
NO.

RATE PP

	DEMAND RELATED RATE ADJUSTMENT FACTOR:		
1	FROM PAGE 3 OF 3, COLUMN C, LINE 3:	\$86,801.56	
2	FROM PAGE 2 OF 3, COLUMN C, LINE 3:	36,433.4	KW
3	LINE 1 DIVIDED BY LINE 2	2.382472	
4	MULTIPLIED BY: 87.205%	\$2.077635	
5	DEMAND RELATED RATE ADJUSTMENT FACTOR:	\$2.077635	/KVA

RATE PP

	ENERGY RELATED RATE ADJUSTMENT FACTOR:		
6	FROM PAGE 3 OF 3, COLUMN D, LINE 3:	\$82,901.70	
7	FROM PAGE 2 OF 3, COLUMN D, LINE 3:	22,718,378	
8	LINE 6 DIVIDED BY LINE 7	\$0.003649	
9	ENERGY RELATED RATE ADJUSTMENT FACTOR:	\$0.003649	

CRAWFORDSVILLE, INDIANA

DETERMINATION OF INCREMENTAL CHANGE IN BASE RATE
 FOR THE THREE MONTHS OF
 JANUARY, FEBRUARY, MARCH, 2013

<u>LINE NO.</u>	<u>DESCRIPTION</u>			<u>DEMAND RELATED</u>	<u>ENERGY RELATED</u>	<u>LINE NO.</u>
1	BASE RATE EFFECTIVE	January 1, 2013	(a)	18.572	0.029935	1
2	BASE RATE EFFECTIVE	January 1, 2009	(b)	16.157	0.028298	2
3	INCREMENTAL CHANGE IN BASE RATE (c)			2.415	0.001637	3

(a) IMPA rate effective for the period covered by this filing. The Base Rate includes the applicable Area Adjustment and Delivery Voltage Adjustment.

(b) Base purchased power rate including Area and Voltage Adjustments 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, INDIANA

ESTIMATION OF SAVINGS FROM DEDICATED CAPACITY PAYMENTS
 FOR THE THREE MONTHS OF
 JANUARY, FEBRUARY, MARCH, 2013

<u>LINE NO.</u>	<u>DESCRIPTION</u>	<u>DEMAND RELATED</u>	<u>LINE NO.</u>
1	ESTIMATED MONTHLY GENERATING COSTS	\$105,857.02	1
2	LESS: MONTHLY GEN COSTS IN BASE RATES	\$111,674.00	2
3	EST GENERATING COSTS IN TRACKER (a)	(\$5,816.98)	3
4	EST MONTHLY PAYMENT FROM IMPA	\$0.00 (f)	4
5	LESS: MONTHLY PAYMENTS IN BASE RATES	\$42,215.33 (g)	5
6	EST CAPACITY PAYMENTS IN TRACKER (b)	(\$42,215.33)	6
7	ESTIMATED MONTHLY COSTS/(SAVINGS) (c)	\$36,398.35	7
8	ESTIMATED AVERAGE MONTHLY KW (d)	63,156	8
9	ESTIMATED COSTS/(SAVINGS) PER KW (e)	\$0.576	9

(a) Line 1 - Line 2

(b) Line 4 - Line 5

(c) Line 3 - Line 6

(d) Exhibit III, Column E, Line 1

(e) Line 7 divided by Line 8

(f) Per agreement with I.M.P.A., Crawfordsville will no longer receive monthly payment.

(g) Capacity Payments Per IURC Cause #43773

CRAWFORDSVILLE, INDIANA

ESTIMATION OF ENERGY COST ADJUSTMENT
 FOR THE THREE MONTHS OF
 JANUARY, FEBRUARY, MARCH, 2013

LINE NO.	DESCRIPTION	JANUARY 2013	FEBRUARY 2013	MARCH 2013	TOTAL	ESTIMATED 3 MONTH AVERAGE	LINE NO.
		(A)	(B)	(C)	(D)	(E)	
	PURCHASED POWER FROM IMPA						
1	KW DEMAND	60,734	58,612	70,121	189,467	63,156	1
2	KWH ENERGY	35,948,665	34,115,569	34,314,494	104,378,728	34,792,909	2
	INCREMENTAL PURCHASED POWER COSTS						
	DEMAND RELATED						
3	ECA FACTOR PER KW	(0.897)	(0.897)	(0.897)		(0.897)	3
4	CHARGE (a)	(\$54,478.40)	(\$52,574.96)	(\$62,898.54)	(\$169,951.90)	(\$56,650.63)	4
	ENERGY RELATED						
5	ECA FACTOR PER KWH	0.001570	0.001570	0.001570		0.001570	5
6	CHARGE (b)	\$56,439.40	\$53,561.44	\$53,873.76	\$163,874.60	\$54,624.87	6

(a) Line 1 times Line 3
 (b) Line 2 times Line 5

CRAWFORDSVILLE, INDIANA
RECONCILIATION OF VARIANCES FOR THE
THREE MONTHS OF
JULY, AUGUST, SEPTEMBER 2012

LINE NO.	DESCRIPTION	DEMAND RELATED	ENERGY RELATED	LINE NO.
		(A)	(B)	
1	INCREMENTAL CHANGE IN BASE RATE (a)	1.850	0.001445	1
2	ACTUAL SAVINGS FROM DEDICATED CAPACITY PAYMENTS (b)	1.314	--	2
3	ACTUAL PURCHASED POWER ENERGY COST ADJUSTMENT (c)	(1.385)	0.002281	3
4	PLUS TRACKING FACTOR EFFECTIVE PRIOR TO JANUARY 27, 1983 (d)	0.000	0.000000	4
5	TOTAL RATE ADJUSTMENT (e)	1.779	\$0.003726	5
6	ACTUAL AVERAGE BILLING UNITS (f)	71,184	37,394,064	6
7	ACTUAL INCREMENTAL CHANGE IN PURCHASED POWER COST (g)	\$126,636.34	\$139,330.28	7

(a) Page 1 of 3, Line 1 of Tracker filing for the three months of JULY, AUGUST, SEPTEMBER 2012

(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) Tracking Factor effective prior to January 27, 1983.

This factor is zero if new rates have been approved since January 27, 1983.

(e) Sum of Lines 1 through 4

(f) Exhibit IV, Page 6 of 7, Column E, Lines 1 and 2

(g) Line 5 times Line 6

CRAWFORDSVILLE, INDIANA
 RECONCILIATION OF VARIANCES FOR THE
 THREE MONTHS OF
 JULY, AUGUST, SEPTEMBER 2012

LINE NO.	RATE SCHEDULE	KW DEMAND ALLOCATOR (%) (a)	KWH ENERGY ALLOCATOR (%) (a)	ALLOCATED ACTUAL KW PURCHASED (b)	ALLOCATED ACTUAL KWH PURCHASED (c)	INCREMENTAL CHANGE IN PURCHASED POWER COST			LINE NO.
						DEMAND (d)	ENERGY (e)	TOTAL	
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	
1	RESIDENTIAL	26.114	20.976	18,589.0	7,843,779	\$33,069.81	\$29,225.92	\$62,295.73	1
2	GENERAL POWER	15.510	13.114	11,040.6	4,903,858	\$19,641.30	\$18,271.77	\$37,913.07	2
3	PRIMARY POWER	57.688	65.296	41,064.6	24,416,827	\$73,053.97	\$90,977.10	\$164,031.07	3
4	OL	0.322	0.267	229.2	107,321	\$407.77	\$399.88	\$807.65	4
5	SL	0.325	0.290	231.3	108,443	\$411.57	\$404.06	\$815.63	5
6	TS	0.041	0.037	29.2	13,836	\$51.92	\$51.55	\$103.47	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		0.000	0.000	0.0	0	\$0.00	\$0.00	\$0.00	9
10	TOTAL	100.000	100.000	71,184.0	37,394,064	\$126,636.34	\$139,330.28	\$265,966.62	10

(a) Page 2 of 3, Columns A and B of tracker filed for the months of JULY, AUGUST, SEPTEMBER 2012

(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, INDIANA
 RECONCILIATION OF VARIANCES FOR THE
 THREE MONTHS OF
 JULY, AUGUST, SEPTEMBER 2012

LINE NO.	RATE SCHEDULE	ACTUAL AVERAGE KWH SALES (a)	ACTUAL AVERAGE KVA SALES	DEMAND ADJUSTMENT FACTOR PER KWH (b)	ENERGY ADJUSTMENT FACTOR PER KWH (c)	INCREMENTAL KW DEMAND COST BILLED BY MEMBER (d)	INCREMENTAL KWH ENERGY COST BILLED BY MEMBER (e)	LESS PREVIOUS VARIANCE		LINE NO.
								DEMAND (f)	ENERGY (g)	
		(A)		(B)	(C)	(D)	(E)	(F)	(G)	
1	RESIDENTIAL	9,290,415		0.001778	0.003664	\$16,287.10	\$33,563.52	(\$25,945.32)	(\$1,829.96)	1
2	GENERAL POWER	5,211,035		0.002257	0.003980	\$11,596.85	\$20,449.56	(\$12,682.22)	\$377.15	2
3	PRIMARY POWER	22,111,006	47,576.17 KVA	0.000881 /KVA	0.004081	\$41.33	\$86,971.73	(\$66,421.32)	\$4,287.68	3
4	OL	81,771		0.001020	0.003122	\$92.24	\$251.72	(\$381.21)	(\$82.02)	4
5	SL	84,749		0.000675	0.002097	\$56.40	\$250.44	(\$421.29)	(\$96.23)	5
6	TS	13,181		0.001399	0.003499	\$18.18	\$45.47	(\$43.23)	(\$5.46)	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
8		0		0.000000	0.000000	\$0.00	\$0.00	\$0.00	\$0.00	9
10	TOTAL	36,792,157				\$28,081.90	\$143,532.44	(\$105,894.59)	\$2,651.16	10

(a) Exhibit IV, Page 7 of 7, Column E

(b) Page 3 of 3, Column F of Tracker Filing for the three months of JULY, AUGUST, SEPTEMBER 2012

(c) Page 3 of 3, Column G of Tracker Filing for the three months of JULY, AUGUST, SEPTEMBER 2012

(d) Column A times Column B times the Gross Income Tax Factor of 0.986

(e) Column A times Column C times the Gross Income Tax Factor of 0.986

(f) Exhibit IV, Page 4 of 7, Column D of Tracker Filing for the three months of JULY, AUGUST, SEPTEMBER 2012

(g) Exhibit IV, Page 4 of 7, Column E of Tracker Filing for the three months of JULY, AUGUST, SEPTEMBER 2012

CRAWFORDSVILLE, INDIANA
RECONCILIATION OF VARIANCES FOR THE
THREE MONTHS OF
JULY, AUGUST, SEPTEMBER 2012

LINE NO.	RATE SCHEDULE	NET INCREMENTAL COST BILLED BY MEMBER			VARIANCE		
		DEMAND (a)	ENERGY (b)	TOTAL	DEMAND (c)	ENERGY (c)	TOTAL (c)
		(A)	(B)	(C)	(D)	(E)	(F)
1	RESIDENTIAL	\$42,232.42	\$35,393.48	\$77,625.90	(\$9,162.61)	(\$6,167.56)	(\$15,330.17)
2	GENERAL POWER	\$24,278.87	\$20,072.41	\$44,351.28	(\$4,637.57)	(\$1,800.64)	(\$6,438.21)
3	PRIMARY POWER	\$66,462.85	\$84,684.05	\$151,146.70	\$6,591.32	\$6,293.05	\$12,884.37
4	OL	\$463.45	\$333.74	\$797.19	(\$55.68)	\$66.14	\$10.46
5	SL	\$477.69	\$346.67	\$824.36	(\$66.12)	\$57.39	(\$8.73)
6	TS	\$61.41	\$50.93	\$112.34	(\$9.49)	\$0.62	(\$8.87)
7		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	TOTAL	\$133,976.49	\$140,881.28	\$274,857.77	(\$7,340.15)	(\$1,551.00)	(\$8,891.15)

- (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, INDIANA
 DETERMINATION OF ACTUAL DEDICATED CAPACITY PAYMENTS
 FOR THE THREE MONTHS OF
 JULY, AUGUST, SEPTEMBER 2012

LINE NO.	DESCRIPTION	JULY 2012	AUGUST 2012	SEPTEMBER 2012	TOTAL	AVERAGE	LINE NO.
		(A)	(B)	(C)	(D)	(E)	
1	ACTUAL MEMBER GENERATING COSTS	\$175,232.54	\$167,395.59	\$146,374.04	\$489,002.17	\$163,000.72	1
2	LESS: GENERATING COSTS IN BASE RATES	\$111,674.00	\$111,674.00	\$111,674.00	\$335,022.00	\$111,674.00	2
3	DIFFERENCE IN ACTUAL TO BASE RATE COSTS (a)	\$63,558.54	\$55,721.59	\$34,700.04	\$153,980.17	\$51,326.72	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)	\$42,215.33	\$42,215.33	\$42,215.33	\$126,645.99	\$42,215.33	5
6	DIFFERENCE IN ACTUAL TO BASE RATE PAYMENT (b)	(\$42,215.33)	(\$42,215.33)	(\$42,215.33)	(\$126,645.99)	(\$42,215.33)	6
7	ACTUAL CAPACITY PAYMENT SAVINGS TO BE COLLECTED THROUGH THE TRACKER (c)	\$105,773.87	\$97,936.92	\$76,915.37	\$280,626.16	\$93,542.05	7
8	ACTUAL MONTHLY KW BILLED (d)	76,896	71,352	65,304	213,552	71,184	8
9	ACTUAL CAPACITY PAYMENT SAVINGS PER KW (e)	1.376	1.373	1.178		1.314	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) Reflects Reconciliation of Prior Tracker filing

NOTE: This exhibit is only applicable to members with generation.

CRAWFORDSVILLE, INDIANA
 DETERMINATION OF ACTUAL ENERGY COST ADJUSTMENT
 FOR THE THREE MONTHS OF
 JULY, AUGUST, SEPTEMBER 2012

LINE NO.	DESCRIPTION	JULY 2012	AUGUST 2012	SEPTEMBER 2012	TOTAL	ACTUAL 3 MONTH AVERAGE	LINE NO.
		(A)	(B)	(C)	(D)	(E)	
	PURCHASED POWER FROM IMPA						
1	KW DEMAND (a)	76,896	71,352	65,304	213,552	71,184	1
2	KWH ENERGY (a)	42,665,544	37,835,424	31,681,224	112,182,192	37,394,064	2
	INCREMENTAL PURCHASED POWER COSTS						
	DEMAND RELATED						
3	ECA FACTOR PER KW (a)	(1,385)	(1,385)	(1,385)		(1,385)	3
4	CHARGE (b)	(\$106,500.96)	(\$98,822.52)	(\$90,446.04)	(\$295,769.52)	(\$98,589.84)	4
	ENERGY RELATED						
5	ECA FACTOR PER KWH (a)	0.002281	0.002281	0.002281		0.002281	5
6	CHARGE (c)	\$97,320.11	\$86,302.60	\$72,264.87	\$255,887.58	\$85,295.86	6

(a) From IMPA bills for the months of JULY, AUGUST, SEPTEMBER 2012

(b) Line 1 times Line 3

(c) Line 2 times Line 5

CRAWFORDSVILLE, INDIANA

DETERMINATION OF ACTUAL AVERAGE KWH SALES
 FOR THE THREE MONTHS OF
 JULY, AUGUST, SEPTEMBER 2012

LINE NO.	RATE SCHEDULE	JULY 2012	AUGUST 2012	SEPTEMBER 2012	TOTAL	AVERAGE	LINE NO.
		(A)	(B)	(C)	(D)	(E)	
1	RESIDENTIAL	9,048,001	11,997,647	6,825,596	27,871,244	9,290,415	1
2	GENERAL POWER	5,012,010	6,104,722	4,516,374	15,633,106	5,211,035	2
3	PRIMARY POWER	21,634,854	23,407,536	21,290,629	66,333,019	22,111,006	3
4	OL	70,741	82,277	92,295	245,313	81,771	4
5	SL	73,408	85,352	95,486	254,246	84,749	5
6	TS	13,181	13,181	13,181	39,543	13,181	6
7		0	0	0	0	0	7
8		0	0	0	0	0	8
9		0	0	0	0	0	9
10	TOTAL	35,852,195	41,690,715	32,833,561	110,376,471	36,792,157	10

DETERMINATION OF ACTUAL AVERAGE KVA SALES

RATE SCHEDULE	JULY 2012	AUGUST 2012	SEPTEMBER 2012	TOTAL	THREE MONTH AVERAGE
PRIMARY POWER	48,213.83 KVA	48,261.00 KVA	46,253.69 KVA	142,728.52 KVA	47,576.17 KVA

Received On: November 30, 2012
 IURC 30-DAY Filing No.: 3086
 Indiana Utility Regulatory Commission



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

Due Date:
09/13/12

Amount Due:
\$2,644,617.05

Billing Period: July 01 to July 31, 2012

Invoice No: INV0001152
 Invoice Date: 08/14/12

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	77,760	12,816	98.67%	07/25/12	1400	73.75%
CP Billing Demand:	76,896	11,448	98.91%	07/25/12	1600	74.58%
kvar at 97% PF:		19,272				
Reactive Demand:		-				

Energy	kWh
CELP #1:	24,378,264
CELP #2:	18,287,280
CELP Generation:	-
Total Energy:	42,665,544

History	Jul 2012	Jul 2011	2012 YTD
Max Demand (kW):	77,760	79,416	77,904
CP Demand (kW):	76,896	78,336	76,896
Energy (kWh):	42,665,544	42,539,400	242,799,048
CP Load Factor:	74.58%	72.99%	
HDD/CDD (Lafayette):	0/497	0/469	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 18.007 /kW x	76,896	\$ 1,384,666.27
ECA Demand Charge:	\$ (1.385) /kW x	76,896	\$ (106,500.96)
Total Demand Charges:			\$ 1,278,165.31
Base Energy Charge:	\$ 0.029743 /kWh x	42,665,544	\$ 1,269,001.28
ECA Energy Charge:	\$ 0.002281 /kWh x	42,665,544	\$ 97,320.11
Total Energy Charges:			\$ 1,366,321.39
Average Purchased Power Cost: 6.20 cents per kWh			TOTAL PURCHASED POWER CHARGES: \$ 2,644,486.70

Other Charges and Credits	
Energy Efficiency Fund - 8,765 kWh Saved:	\$ 130.35

NET AMOUNT DUE: \$ 2,644,617.05

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 09/13/12

Questions, please call: 317-573-9955

Send payments to:

Indiana Municipal Power Agency
 P.O. Box 660363, Indianapolis, IN 46265

Delivery Point Details

Crawfordsville

July 2012

Individual Substation Maximum Demand						
	Date	Time	kW	kvar	kVA	PowerFactor
CELP #1	07/25/12	1400	44,568	7,416	45,181	98.64%
CELP #2	07/25/12	1400	33,192	5,400	33,628	98.70%
CELP Generation	-	-	-	-	-	-

Demand at Crawfordsville's Maximum Peak						
	Date	Time	kW	kvar	kVA	PowerFactor
CELP #1			44,568	7,416	45,181	98.64%
CELP #2			33,192	5,400	33,628	98.70%
CELP Generation			-	-	-	-
System Peak:	07/25/12	1400	77,760	12,816	78,809	98.67%

Demand at IMPA's Coincident Peak						
	Date	Time	kW	kvar	kVA	PowerFactor
CELP #1			44,136	6,696	44,641	98.87%
CELP #2			32,760	4,752	33,103	98.96%
CELP Generation			-	-	-	-
System Peak:	07/25/12	1600	76,896	11,448	77,743	98.91%

Received On: November 30, 2012
 IURC 30-DAY Filing No.: 3086
 Indiana Utility Regulatory Commission



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

Due Date:
10/15/12

Amount Due:
\$2,397,784.91

Billing Period: August 01 to August 31, 2012
 Invoice No: INV0001282
 Invoice Date: 09/14/12

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	71,424	10,728	98.89%	08/03/12	1400	71.20%
CP Billing Demand:	71,352	13,752	98.19%	08/08/12	1600	71.27%
kvar at 97% PF:		17,882				
Reactive Demand:		-				

Energy	kWh
CELP #1:	21,633,336
CELP #2:	16,202,088
CELP Generation:	-
Total Energy:	37,835,424

History	Aug 2012	Aug 2011	2012 YTD
Max Demand (kW):	71,424	75,096	77,904
CP Demand (kW):	71,352	74,664	76,896
Energy (kWh):	37,835,424	39,769,366	280,634,472
CP Load Factor:	71.27%	71.59%	
HDD/CDD (Lafayette):	2/237	0/298	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 18.007 /kW x	71,352	\$ 1,284,835.46
ECA Demand Charge:	\$ (1.385) /kW x	71,352	\$ (98,822.52)
Total Demand Charges:			\$ 1,186,012.94
Base Energy Charge:	\$ 0.029743 /kWh x	37,835,424	\$ 1,125,339.02
ECA Energy Charge:	\$ 0.002281 /kWh x	37,835,424	\$ 86,302.60
Total Energy Charges:			\$ 1,211,641.62
Average Purchased Power Cost: 6.34 cents per kWh			TOTAL PURCHASED POWER CHARGES: \$ 2,397,654.56

Other Charges and Credits	
Energy Efficiency Fund - 8,765 kWh Saved:	\$ 130.35

NET AMOUNT DUE: \$ 2,397,784.91

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 10/15/12

Questions, please call: 317-573-9955

Send payments to: Indiana Municipal Power Agency
 P.O. Box 660363, Indianapolis, IN 46266

Delivery Point Details

Crawfordsville

August 2012

Individual Substation Maximum Demand						
	<u>Date</u>	<u>Time</u>	<u>kW</u>	<u>kvar</u>	<u>kVA</u>	<u>PowerFactor</u>
CELP #1	08/13/12	1000	53,712	8,856	54,437	98.67%
CELP #2	08/02/12	1600	31,032	5,688	31,549	98.36%
CELP Generation	-	-	-	-	-	-

Demand at Crawfordsville's Maximum Peak						
	<u>Date</u>	<u>Time</u>	<u>kW</u>	<u>kvar</u>	<u>kVA</u>	<u>PowerFactor</u>
CELP #1			40,824	6,192	41,291	98.87%
CELP #2			30,600	4,536	30,934	98.92%
CELP Generation			-	-	-	-
System Peak:	08/03/12	1400	71,424	10,728	72,225	98.89%

Demand at IMPA's Coincident Peak						
	<u>Date</u>	<u>Time</u>	<u>kW</u>	<u>kvar</u>	<u>kVA</u>	<u>PowerFactor</u>
CELP #1			40,896	7,416	41,563	98.40%
CELP #2			30,456	6,336	31,108	97.90%
CELP Generation			-	-	-	-
System Peak:	08/08/12	1600	71,352	13,752	72,665	98.19%

Received On: November 30, 2012
 IURC 30-DAY Filing No.: 3086
 Indiana Utility Regulatory Commission



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

Due Date:
11/14/12

Amount Due:
\$2,100,172.96

Billing Period: September 01 to September 30, 2012
 Invoice No: INV0001377
 Invoice Date: 10/15/12

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	66,096	15,696	97.29%	09/04/12	1400	66.57%
CP Billing Demand:	65,304	10,728	98.68%	09/01/12	1600	67.38%
kvar at 97% PF:		16,367				
Reactive Demand:		-				

Energy	kWh
CELP #1:	17,969,112
CELP #2:	13,712,112
CELP Generation:	-
Total Energy:	31,681,224

History	Sep 2012	Sep 2011	2012 YTD
Max Demand (kW):	66,096	73,008	77,904
CP Demand (kW):	65,304	72,792	76,896
Energy (kWh):	31,681,224	32,588,172	312,315,696
CP Load Factor:	67.38%	62.18%	
HDD/CDD (Lafayette):	138/72	99/88	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 18.007 / kW x	65,304	\$ 1,175,929.13
FCA Demand Charge:	\$ (1.385) / kW x	65,304	\$ (90,446.04)
Total Demand Charges:			\$ 1,085,483.09
Base Energy Charge:	\$ 0.029743 / kWh x	31,681,224	\$ 942,294.65
ECA Energy Charge:	\$ 0.002281 / kWh x	31,681,224	\$ 72,264.87
Total Energy Charges:			\$ 1,014,559.52
Average Purchased Power Cost: 6.63 cents per kWh			TOTAL PURCHASED POWER CHARGES: \$ 2,100,042.61

Other Charges and Credits	
Energy Efficiency Fund - 8,765 kWh saved:	\$ 130.35

NET AMOUNT DUE: \$ 2,100,172.96

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 11/14/12
 Questions, please call: 317-573-9955

Send payments to: Indiana Municipal Power Agency
 P.O. Box 428, Crawfordsville, IN 47933

Delivery Point Details

Crawfordsville

September 2012

Individual Substation Maximum Demand						
	<u>Date</u>	<u>Time</u>	<u>kW</u>	<u>kvar</u>	<u>kVA</u>	<u>PowerFactor</u>
CELP #1	09/04/12	1400	37,440	8,784	38,457	97.36%
CELP #2	09/04/12	1400	28,656	6,912	29,478	97.21%
CELP Generation	-	-	-	-	-	-

Demand at Crawfordsville's Maximum Peak						
	<u>Date</u>	<u>Time</u>	<u>kW</u>	<u>kvar</u>	<u>kVA</u>	<u>PowerFactor</u>
CELP #1			37,440	8,784	38,457	97.36%
CELP #2			28,656	6,912	29,478	97.21%
CELP Generation			-	-	-	-
System Peak:	09/04/12	1400	66,096	15,696	67,934	97.29%

Demand at IMPA's Coincident Peak						
	<u>Date</u>	<u>Time</u>	<u>kW</u>	<u>kvar</u>	<u>kVA</u>	<u>PowerFactor</u>
CELP #1			37,008	5,904	37,476	98.75%
CELP #2			28,296	4,824	28,704	98.58%
CELP Generation			-	-	-	-
System Peak:	09/04/12	1600	65,304	10,728	66,179	98.68%

CRAWFORDSVILLE ELECTRIC LIGHT & POWER
CAPACITY COST REPORT

ACCT NO.	UNIT FIXED COST	JULY 2012	AUGUST 2012	SEPTEMBER 2012
500	Supr and Engr - Operation	\$3,760.67	\$4,034.19	\$3,863.26
502	Steam Expense	9,832.06	10,641.80	5,697.56
505	Electric Expense	24,001.84	23,997.16	25,112.44
506	Misc. Steam Power Expense	4,051.75	734.82	371.77
511	Maint. Of Structures	8,505.00	4,252.50	145.77
	Payroll Taxes	4,733.02	4,955.34	4,567.89
	(A) TOTAL FIXED COSTS	54,884.34	48,615.81	39,758.69
	UNIT VARIABLE COSTS			
510	Supv and Engr - Maint	2,256.52	2,256.48	1,606.90
512	Maint of Boiler Plant	-	-	-
513	Maint of Electric Plant	-	-	-
514	Misc Steam Plant Maint	25,844.65	28,718.42	27,243.97
	(B) TOTAL UNIT VARIABLE COST	28,101.17	30,974.90	28,850.87
	TOTAL PRODUCTION COST	82,985.51	79,590.71	68,609.56
	ADMN. & GENERAL COSTS (PRODUCTION RELATED)			
920	Admn and General Salaries	56,388.25	59,733.93	50,533.65
921	Office Supplies and Expense	21,303.75	9,937.10	8,874.49
923	Outside Services Employed	31,545.00	-	-
925	Injuries and Damages	-	-	-
926	Employee Pension and Benefits	88,655.33	112,569.92	102,493.38
928	Regulatory Commission Expenses	-	-	-
930	Misc General Expense	3,736.11	6,572.51	7,254.60
931	Rents	-	-	-
932	Maint of General Plant	12,250.61	17,619.15	13,967.48
	Payroll Taxes	3,310.88	3,457.11	2,996.56
	TOTAL ADMN & GEN EXPENSES	217,189.93	209,889.72	186,120.16
PRR		0.338	0.308	0.305
	(C) PROD. RELATED AD/GEN EXPNS	73,410.20	64,646.03	56,766.65
	(D) PLANT INSURANCE	\$16,399.33	\$20,721.35	\$18,560.33
	DEBT SERVICE			
427	Interest on Long Term Debt	-	-	-
428	Amortization of Debt Discount & Expense	-	-	-
	Payment of Principal on Debt	-	-	-
	(E) TOTAL DEBT SERVICE	-	-	-
	AMORTIZATION AND INTEREST			
	Amortized Capital	2,299.53	2,299.53	2,299.53
	Interest Capital	137.97	137.97	137.97
	(F) TOTAL AMORTIZATION	2,437.50	2,437.50	2,437.50
	(G) TOTAL MEMBER PROD. COST	\$175,232.54	\$167,395.59	\$146,374.04

CRAWFORDSVILLE ELECTRIC LIGHT & POWER
 CAPACITY COST REPORT

CAPACITY COST REPORT ATTACHMENT A

	JULY 2012	AUGUST 2012	SEPTEMBER 2012
1 TOTAL PAYROLL	291,358.18	305,513.88	266,463.98
2 TOTAL PRODUCTION COST	82,985.51	79,590.71	68,609.56
3 PRODUCTION LABOR (EXCLUD. 501)	64,761.75	67,667.88	62,603.17
4 LESS: FLEX BENEFITS	2,892.91	2,892.91	2,892.91
5 TOTAL	61,868.84	64,774.97	59,710.26
6 PAYROLL TAXES (LINE 5 X .0765)	4,732.97 **	4,955.29 **	4,567.83 **
7 GENERAL LABOR	45,529.66	47,441.08	41,420.83
8 LESS: FLEX BENEFITS	2,250.12	2,250.12	2,250.12
9 TOTAL	43,279.54	45,190.96	39,170.71
10 PAYROLL TAXES (LINE 9 X .0765)	3,310.88 **	3,457.11 **	2,996.56 **
11 PRR = LINE 2 / (LINE 1 - LINE 7)	0.338	0.308	0.305
12 TOTAL PROPERTY INSURANCE	16,399.33	20,721.35	18,560.33
13 PROPERTY INSURANCE - PLANT	9,161.33 *	9,161.33 *	9,161.33 *

* Based upon actual attributable plus underwriter allocation.

** NOTE: Crawfordsville Electric Light & Power incur only FICA / Medicare tax on a regular basis. Unemployment claims are incurred on each incident basis and are charged to appropriate account upon occurrence. Payroll taxes are excluded for individuals greater than FICA maximum.

**INDIANA MUNICIPAL POWER AGENCY
 ECA ESTIMATES FOR JANUARY, FEBRUARY and MARCH
 2013 - 1ST QUARTER**

	JAN	FEB	MAR	JAN	FEB	MAR
	\$/kW-month			\$/kWh		
IMPA's Energy Cost Adjustment	(0.897)	(0.897)	(0.897)	0.001570	0.001570	0.001570
To develop these Energy Cost Adjustment factors, IMPA used the following estimated loads for CRAWFORDSVILLE	kW			kWh		
	60,734	58,612	70,121	35,948,665	34,115,569	34,314,494

Table 5 - Final Model Approved on 10/26/12
2013 RATE STUDY
Proposed Demand and Energy Rates by Member

LINE NO.	MEMBER	IMPA BASE RATE		DELIVERY VOLT ADJ		ENERGY COST ADJ. Jan - Dec ECA		TOTAL DEMAND RATE	REACTIVE DEMAND RATE	TOTAL ENERGY RATE	LINE NO.
		\$/kW-Mo	\$/kWh	\$/kW-Mo	Cents/kWh	\$/kW-Mo	\$/kWh	\$/kW-Mo	\$/kvar-Mo	Cents/kWh	
1	ADVANCE	18.572	0.029935	1.442		-0.897	0.001570	19.117	1.200	0.031505	1
2	ANDERSON	18.572	0.029935	0.432		-0.897	0.001570	18.107	1.200	0.031505	2
3	ARGOS	18.572	0.029935	0.772		-0.897	0.001570	18.447	1.200	0.031505	3
4	BAINBRIDGE	18.572	0.029935	1.442		-0.897	0.001570	19.117	1.200	0.031505	4
5	BARGERSVILLE	18.572	0.029935	1.241		-0.897	0.001570	18.916	1.200	0.031505	5
6	BLANCHESTER OH	19.501	0.031432	1.151		-0.942	0.001649	19.710	1.260	0.033080	6
7	BREMEN	18.572	0.029935	0.772		-0.897	0.001570	18.447	1.200	0.031505	7
8	BROOKLYN	18.572	0.029935	1.442		-0.897	0.001570	19.117	1.200	0.031505	8
9	BROOKSTON	18.572	0.029935	1.442		-0.897	0.001570	19.117	1.200	0.031505	9
10	CENTERVILLE	18.572	0.029935	1.442		-0.897	0.001570	19.117	1.200	0.031505	10
11	CHALMERS	18.572	0.029935	1.442		-0.897	0.001570	19.117	1.200	0.031505	11
12	COATESVILLE	18.572	0.029935	1.442		-0.897	0.001570	19.117	1.200	0.031505	12
13	COLUMBIA CITY	18.572	0.029935	0.772		-0.897	0.001570	18.447	1.200	0.031505	13
14	COVINGTON	18.572	0.029935	1.442		-0.897	0.001570	19.117	1.200	0.031505	14
15	CRAWFORDSVILLE	18.572	0.029935	0.000		-0.897	0.001570	17.675	1.200	0.031505	15
16	DARLINGTON	18.572	0.029935	1.442		-0.897	0.001570	19.117	1.200	0.031505	16
17	DUBLIN	18.572	0.029935	1.442		-0.897	0.001570	19.117	1.200	0.031505	17
18	DUNREITH	18.572	0.029935	1.442		-0.897	0.001570	19.117	1.200	0.031505	18
19	EDINBURGH	18.572	0.029935	0.772		-0.897	0.001570	18.447	1.200	0.031505	19
20	ETNA GREEN	18.572	0.029935	1.442		-0.897	0.001570	19.117	1.200	0.031505	20
21	FLORA	18.572	0.029935	0.772		-0.897	0.001570	18.447	1.200	0.031505	21
22	FRANKFORT	18.572	0.029935	0.772		-0.897	0.001570	18.447	1.200	0.031505	22
23	FRANKTON	18.572	0.029935	1.442		-0.897	0.001570	19.117	1.200	0.031505	23
24	GAS CITY	18.572	0.029935	0.000		-0.897	0.001570	17.675	1.200	0.031505	24
25	GREENDALE	18.572	0.029935	0.772		-0.897	0.001570	18.447	1.200	0.031505	25
26	GREENFIELD	18.572	0.029935	0.399		-0.897	0.001570	18.074	1.200	0.031505	26
27	HUNTINGBURG	18.572	0.029935	0.772		-0.897	0.001570	18.447	1.200	0.031505	27
28	JAMESTOWN	18.572	0.029935	1.442		-0.897	0.001570	19.117	1.200	0.031505	28
29	JASPER	18.572	0.029935	0.772		-0.897	0.001570	18.447	1.200	0.031505	29
30	KINGSFORD HEIGHTS	18.572	0.029935	1.442		-0.897	0.001570	19.117	1.200	0.031505	30
31	KNIGHTSTOWN	18.572	0.029935	1.442		-0.897	0.001570	19.117	1.200	0.031505	31
32	LADOGA	18.572	0.029935	1.442		-0.897	0.001570	19.117	1.200	0.031505	32