

**Frankfort City Light & Power**

1000 Washington Ave  
Frankfort IN 46041  
Phone: 765-659-3362  
Fax: 765-675-9048

July 28, 2016

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

**RE: Frankfort City Light & Power 30 Day Filing Pursuant to 170 IAC 1-6-1 et seq.**

Dear Ms. Howe:

Pursuant to 170 IAC 1-6-5, please find enclosed the following 30 Day Filing by City of Frankfort Light & Power: Determination of the rate adjustments for the Purchase Power Cost Adjustment Tracking Factor (Appendix A) for the three months of October, November and December 2016. The tariff sheets and work papers are attached. The purpose of this filing is to implement an average change in rates for electric service charged by our supplier, Indiana Municipal Power Agency. This filing is necessary because of a change in the Utility's wholesale rates from the Indiana Municipal Power Agency. This filing is allowed under 170 IAC 1-6-3 for the following reasons: This request 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.

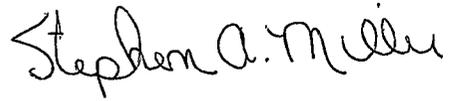
The person at the Frankfort City Light & Power to be contacted regarding this filing is:

Stephen Miller  
765-659-3362  
1000 Washington Ave  
Frankfort IN 46041  
[smiller@fmu-in.com](mailto:smiller@fmu-in.com)

Affected customers have been notified as required under 170 IAC 1-6-6. Notice will be published in The Times on July 29, 2016. The required Proof of Publication of Legal notice will be forwarded as soon as it is available from the publisher. Notice has been posted in a public location at the Frankfort Municipal Utilities billing office. Notice has also been posted on the Frankfort Municipal Utilities website at [www.fmu-in.com](http://www.fmu-in.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,

A handwritten signature in cursive script that reads "Stephen A. Miller". The signature is written in black ink and is positioned above the printed name and title.

Stephen Miller  
Superintendent

Frankfort City Light and Power  
1000 Washington Ave  
Frankfort IN 46041  
(765) 659-3362

July 27, 2016

LEGAL NOTICE:

Notice is hereby given that the municipal electric utility of the City of Frankfort, Indiana, known as the City Light and Power Plant, 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 following incremental changes to the Rate Adjustment factors by Rate Schedules:

Residential Rate A	-Increase	\$0.009611 per KWH
Commercial Rate B	-Increase	\$0.003202 per KWH
General Power Rate C	-Decrease	\$0.004398 per KWH
Industrial Rate PPL	-Decrease	\$0.004038 per KWH
Flat Rates	-Increase	\$0.006691 per KWH

Rate Adjustments applicable to the Rate Schedules are as follows

Residential Rate A	- \$0.054025 per KWH
Commercial Rate B	- \$0.055604 per KWH
General Power Rate C	- \$0.049545 per KWH
Industrial Rate PPL	- \$8.820498 per KVA
	- \$0.015392 per KWH
Flat Rates	- \$0.025715 per KWH

The accompanying changes in schedules 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 October, 2016, billing cycle. This notice is provided to the public pursuant to 170 IAC 1-6-6. The contact information to which an objection should be made is as follows:

IURC  
PNC Center  
101 West Washington Street, Suite 1500 East  
Indianapolis IN 46204  
Telephone: (317) 232-2701  
Voice TDD: (317) 232-8556  
Fax: (317) 232-6758  
Email: [info@urc.in.gov](mailto:info@urc.in.gov)

Indiana Office of Utility Consumer Counselor  
PNC Center  
115 W Washington Street, Suite 1500 South  
Indianapolis IN 46204  
Telephone: (317) 232-2484  
Toll Free: 1-888-441-2494  
Voice TDD: (317) 232-2494  
Fax: (317) 232-5923  
Email: [uccinfo@oucc.in.gov](mailto:uccinfo@oucc.in.gov)

FRANKFORT CITY  
LIGHT & POWER  
By: Stephen A Miller, Superintendent  
July 27, 2016



City Light and Power Plant  
Frankfort, 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 on December 13, 1989 in Cause No. 36835-S3 as follows:

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

Residential Rate A	-	\$ 0.054025	per KWH
Commercial Rate B	-	\$ 0.055604	per KWH
General Power Rate C	-	\$ 0.049545	per KWH
Industrial Rate PPL	-	\$ 8.820498	per KVA
	-	\$ 0.015392	per KWH
Flat Rates	-	\$ 0.025715	per KWH

October, November and December, 2016.

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DETERMINATION OF THE RATE ADJUSTMENTS FOR RATE  
SCHEDULE PPL  
FOR THE THREE MONTHS OF OCTOBER, NOVEMBER AND DECEMBER, 2016

LINE      RATE PPL  
NO.      -----

----- DEMAND RELATED RATE ADJUSTMENT FACTOR:  
-----

1	FROM PAGE 3 OF 3, COLUMN C, LINE 4:	\$302,573.81
2	FROM PAGE 2 OF 3, COLUMN C, LINE 4:	27,713.1
3	LINE 1 DIVIDED BY LINE 2:	\$10.918079
4	MULTIPLIED BY:            80.788%	\$8.820498
5	DEMAND RELATED RATE ADJUSTMENT FACTOR:	\$8.820498 /KVA

RATE PPL  
-----

----- ENERGY RELATED RATE ADJUSTMENT FACTOR:  
-----

6	FROM PAGE 3 OF 3, COLUMN D, LINE 4:	\$305,386.33
7	FROM PAGE 2 OF 3, COLUMN D, LINE 4:	19,841,093
8	LINE 1 DIVIDED BY LINE 2:	\$0.015392
9	ENERGY RELATED RATE ADJUSTMENT FACTOR:	\$0.015392 /KWH

## CITY OF FRANKFORT, INDIANA

DETERMINATION OF RATE ADJUSTMENT FOR THE  
THREE MONTHS OF  
OCTOBER, NOVEMBER AND DECEMBER, 2016

LINE NO.	DESCRIPTION	DEMAND RELATED	ENERGY RELATED	LINE NO.
		(A)	(B)	
1	INCREMENTAL CHANGE IN BASE RATE (a)	12.134	0.014788	1
2	ESTIMATED SAVINGS FROM DEDICATED CAPACITY PAYMENTS (b)	0.000	--	2
3	ESTIMATED PURCHASED POWER ENERGY COST ADJUSTMENT (c)	0.038	0.001274	3
4	ESTIMATED TOTAL CHANGE IN PURCHASED POWER RATE	12.172	0.016062	4
5	EST CHANGE IN PURCHASED POWER RATE ADJ FOR LOSSES & GR INCOME TAX (d)	12.526	0.016529	5
6	PLUS TRACKING FACTOR EFFECTIVE PRIOR TO JANUARY 27, 1983 (e)	0.000	0.000000	6
7	ESTIMATED TOTAL RATE ADJUSTMENT	12.526	0.016529	7
8	ESTIMATED AVERAGE BILLING UNITS (f)	52,491	31,470,820	8
9	ESTIMATED INCREMENTAL CHANGE IN PURCHASED POWER COST (g)	\$657,502.27	\$520,181.18	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) = 0.971743076

(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

## CITY OF FRANKFORT, INDIANA

DETERMINATION OF RATE ADJUSTMENT FOR THE  
THREE MONTHS OF  
OCTOBER, NOVEMBER AND DECEMBER, 2016

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	RATE-A	26.502	22.215	13,911.2	6,991,243	\$174,251.25	\$115,558.25	\$289,809.50	1
2	RATE-B	5.772	4.426	3,029.8	1,392,898	\$37,951.03	\$23,023.22	\$60,974.25	2
3	RATE-C	14.793	9.816	7,765.0	3,089,176	\$97,264.31	\$51,060.98	\$148,325.29	3
4	RATE-PPL	52.796	63.046	27,713.1	19,841,093	\$347,134.90	\$327,953.43	\$675,088.33	4
5	FLAT RATES	0.137	0.497	71.9	156,410	\$900.78	\$2,585.30	\$3,486.08	5
6		0.000	0.000	0.0	0	\$0.00	\$0.00	\$0.00	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	52,491.0	31,470,820	\$657,502.27	\$520,181.18	\$1,177,683.45	10

(a) From Cost of Service Study For Twelve Month Period Ended September, 1998

(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

## CITY OF FRANKFORT, INDIANA

DETERMINATION OF RATE ADJUSTMENT FOR THE  
THREE MONTHS OF  
OCTOBER, NOVEMBER AND DECEMBER, 2016

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	RATE-A	\$51,181.45	\$36,711.47	\$225,432.70	\$152,269.72	\$377,702.42	0.032245	0.021780	0.054025	1
2	RATE-B	\$9,923.96	\$6,552.95	\$47,874.99	\$29,576.17	\$77,451.16	0.034371	0.021234	0.055604	2
3	RATE-C	\$2,293.27	\$2,433.68	\$99,557.58	\$53,494.66	\$153,052.24	0.032228	0.017317	0.049545	3
4	RATE-PPL	(\$44,561.09)	(\$22,567.10)	\$302,573.81	\$305,386.33	\$607,960.14	0.015250	0.015392	0.030641 (e)	4
5	FLAT RATES	\$140.23	\$395.82	\$1,041.01	\$2,981.12	\$4,022.14	0.006656	0.019060	0.025715	5
6		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.000000	0.000000	0.000000	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	\$18,977.82	\$23,526.83	\$676,480.09	\$543,708.01	\$1,220,188.10	0.021495	0.017277	0.038772	10

(a) Exhibit IV, Page 4 of 7, Columns D and E divided by (1 - loss factor)(.986) = 0.971743076

(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

Exhibit I

CITY OF FRANKFORT, INDIANA

DETERMINATION OF INCREMENTAL CHANGE IN BASE RATE

LINE NO.	DESCRIPTION	DEMAND RELATED	ENERGY RELATED	LINE NO.
1	BASE RATE EFFECTIVE JAN.1,2016 (a)	23.017	0.030525	1
2	BASE RATE EFFECTIVE JAN.1,1997 (b)	10.883 (d)	0.015737	2
3	INCREMENTAL CHANGE IN BASE RATE (c)	12.134	0.014788	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

(d) Equivalent Coincident Peak

Exhibit II

CITY OF FRANKFORT, INDIANA

ESTIMATION OF SAVINGS FROM DEDICATED CAPACITY PAYMENTS  
FOR THE THREE MONTHS OF  
OCTOBER, NOVEMBER AND DECEMBER, 2016

LINE NO.	DESCRIPTION	DEMAND RELATED	LINE NO.
1	ESTIMATED MONTHLY GENERATING COSTS	\$0.00	1
2	LESS: MONTHLY GEN COSTS IN BASE RATES	\$0.00	2
3	EST GENERATING COSTS IN TRACKER (a)	\$0.00	3
4	EST MONTHLY PAYMENT FROM IMPA	\$0.00	4
5	LESS: MONTHLY PAYMENTS IN BASE RATES	\$0.00	5
			NOT APPLICABLE
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)	52,491	8
9	ESTIMATED COSTS/(SAVINGS) PER KW (e)	\$0.000	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

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

## CITY OF FRANKFORT, INDIANA

ESTIMATION OF ENERGY COST ADJUSTMENT FOR THE  
FOR THE THREE MONTHS OF  
OCTOBER, NOVEMBER AND DECEMBER, 2016

LINE NO.	DESCRIPTION	OCTOBER 2016	NOVEMBER 2016	DECEMBER 2016	TOTAL	ESTIMATED 3 MONTH AVERAGE	LINE NO.
		(A)	(B)	(C)	(D)	(E)	
PURCHASED POWER FROM IMPA							
1	KW DEMAND	51,086	52,703	53,684	157,473	52,491	1
2	KWH ENERGY	31,567,970	30,601,675	32,242,815	94,412,460	31,470,820	2
INCREMENTAL PURCHASED POWER COSTS							
DEMAND RELATED							
3	ECA FACTOR PER KW	0.038	0.038	0.038		0.038	3
4	CHARGE (a)	\$1,941.27	\$2,002.71	\$2,039.99	\$5,983.97	\$1,994.66	4
ENERGY RELATED							
5	ECA FACTOR PER KWH	0.001274	0.001274	0.001274		0.001274	5
6	CHARGE (b)	\$40,217.59	\$38,986.53	\$41,077.35	\$120,281.47	\$40,093.82	6

(a) Line 1 times Line 3

(b) Line 2 times Line 5

CITY OF FRANKFORT, INDIANA

RECONCILIATION OF VARIANCES FOR THE  
THREE MONTHS OF  
APRIL, MAY AND JUNE, 2016

LINE NO.	DESCRIPTION	DEMAND RELATED	ENERGY RELATED	LINE NO.
		(A)	(B)	
1	INCREMENTAL CHANGE IN BASE RATE (a)	12.134	0.014788	1
2	ACTUAL SAVINGS FROM DEDICATED CAPACITY PAYMENTS (b)	0.000	--	2
3	ACTUAL PURCHASED POWER ENERGY COST ADJUSTMENT (c)	0.038	0.001274	3
4	PLUS TRACKING FACTOR EFFECTIVE PRIOR TO JANUARY 27, 1983 (d)	0.000	0.000000	4
5	TOTAL RATE ADJUSTMENT (e)	12.172	\$0.016062	5
6	ACTUAL AVERAGE BILLING UNITS (f)	55,930	31,688,189	6
7	ACTUAL INCREMENTAL CHANGE IN PURCHASED POWER COST (g)	\$680,779.96	\$508,975.69	7

(a) Page 1 of 3, Line 1 of Tracker filing for the three months of April, May and June, 2016.

(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 filed and 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

CITY OF FRANKFORT, INDIANA

RECONCILIATION OF VARIANCES FOR THE  
THREE MONTHS OF  
APRIL, MAY AND JUNE, 2016

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	RATE-A	26.502	22.215	14,822.6	7,039,531	\$180,420.30	\$113,068.95	\$293,489.25	1
2	RATE-B	5.772	4.426	3,228.3	1,402,519	\$39,294.62	\$22,527.26	\$61,821.88	2
3	RATE-C	14.793	9.816	8,273.7	3,110,513	\$100,707.78	\$49,961.05	\$150,668.83	3
4	RATE-PPL	52.796	63.046	29,528.8	19,978,136	\$359,424.59	\$320,888.81	\$680,313.40	4
5	FLAT RATES	0.137	0.497	76.6	157,490	\$932.67	\$2,529.61	\$3,462.28	5
6		0.000	0.000	0.0	0	\$0.00	\$0.00	\$0.00	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	55,930.0	31,688,189	\$680,779.96	\$508,975.69	\$1,189,755.65	10

- (a) Page 2 of 3, Columns A and B of tracker filed for the months of April, May and June, 2016.
- (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

CITY OF FRANKFORT, INDIANA

RECONCILIATION OF VARIANCES FOR THE  
THREE MONTHS OF  
APRIL, MAY AND JUNE, 2016

LINE NO.	RATE SCHEDULE	ACTUAL AVERAGE KWH SALES (a)	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 Oct., Nov. and Dec., 2015		LINE NO.
							DEMAND (f)	ENERGY (g)	
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	
1	RATE-A	5,242,161	0.033073	0.021763	\$170,946.75	\$112,487.96	\$40,261.67	\$35,093.13	1
2	RATE-B	1,072,520	0.035483	0.021271	\$37,523.44	\$22,494.18	\$7,872.36	\$6,334.70	2
3	RATE-C	2,917,728	0.032958	0.016004	\$94,816.20	\$46,041.58	(\$3,663.11)	(\$1,554.56)	3
4	RATE-PPL	21,227,245	41,350.21 /KVA	8.163995	\$332,856.75	\$311,523.07	(\$69,869.77)	(\$31,295.16)	4
5	FLAT RATES	120,632	0.004564	0.010766	\$542.86	\$1,280.54	(\$253.54)	(\$864.43)	5
6		0	0.000000	0.000000	\$0.00	\$0.00	\$0.00	\$0.00	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		0	0.000000	0.000000	\$0.00	\$0.00	\$0.00	\$0.00	9
10	TOTAL	30,580,286			\$636,686.00	\$493,827.33	(\$25,652.39)	\$7,713.68	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 April, May and June, 2016.

(c) Page 3 of 3, Column G of Tracker Filing for the three months of April, May and June, 2016.

(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 April, May and June, 2016.

(g) Exhibit IV, Page 4 of 7, Column E of Tracker Filing for the three months of April, May and June, 2016.

CITY OF FRANKFORT, INDIANA

RECONCILIATION OF VARIANCES FOR THE  
THREE MONTHS OF  
APRIL, MAY AND JUNE, 2016

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	RATE-A	\$130,685.08	\$77,394.83	\$208,079.91	\$49,735.22	\$35,674.12	\$85,409.34	1
2	RATE-B	\$29,651.08	\$16,159.48	\$45,810.56	\$9,643.54	\$6,367.78	\$16,011.32	2
3	RATE-C	\$98,479.31	\$47,596.14	\$146,075.45	\$2,228.47	\$2,364.91	\$4,593.38	3
4	RATE-PPL	\$402,726.52	\$342,818.23	\$745,544.75	(\$43,301.93)	(\$21,929.42)	(\$65,231.35)	4
5	PLAT RATES	\$796.40	\$2,144.97	\$2,941.37	\$136.27	\$384.64	\$520.91	5
6		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	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		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	9
10	TOTAL	\$662,338.39	\$486,113.65	\$1,148,452.04	\$18,441.57	\$22,862.03	\$41,303.60	10

(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

CITY OF FRANKFORT, INDIANA

DETERMINATION OF ACTUAL DEDICATED CAPACITY PAYMENTS  
FOR THE THREE MONTHS OF  
APRIL, MAY AND JUNE, 2016

LINE NO.	DESCRIPTION	APRIL 2016	MAY 2016	JUNE 2016	TOTAL	AVERAGE	LINE NO.
		(A)	(B)	(C)	(D)	(E)	
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	\$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)	50,608	56,431	60,752	167,791	55,930	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

NOT  
APPLICABLE

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

CITY OF FRANKFORT, INDIANA

DETERMINATION OF ACTUAL ENERGY COST ADJUSTMENT  
FOR THE THREE MONTHS OF  
APRIL, MAY AND JUNE, 2016

LINE NO.	DESCRIPTION	APRIL 2016	MAY 2016	JUNE 2016	TOTAL	ACTUAL 3 MONTH AVERAGE	LINE NO.
		(A)	(B)	(C)	(D)	(E)	
PURCHASED POWER FROM IMPA							
1	KW DEMAND (a)	50,608	56,431	60,752	167,791	55,930	1
2	KWH ENERGY (a)	29,066,598	31,039,234	34,958,734	95,064,566	31,688,189	2
INCREMENTAL PURCHASED POWER COSTS							
DEMAND RELATED							
3	ECA FACTOR PER KW (a)	0.038	0.038	0.038		0.038	3
4	CHARGE (b)	\$1,923.10	\$2,144.38	\$2,308.58	\$6,376.06	\$2,125.35	4
ENERGY RELATED							
5	ECA FACTOR PER KWH (a)	0.001274	0.001274	0.001274		0.001274	5
6	CHARGE (c)	\$37,030.85	\$39,543.98	\$44,537.43	\$121,112.26	\$40,370.75	6

(a) From IMPA bills for the months of April, May and June, 2016, attached.

(b) Line 1 times Line 3

(c) Line 2 times Line 5

CITY OF FRANKFORT, INDIANA

DETERMINATION OF ACTUAL AVERAGE KWH SALES  
FOR THE THREE MONTHS OF  
APRIL, MAY AND JUNE, 2016

LINE NO.	RATE SCHEDULE	APRIL 2016	MAY 2016	JUNE 2016	TOTAL	AVERAGE	LINE NO.
		(A)	(B)	(C)	(D)	(E)	
1	RATE-A	5,295,188	4,566,461	5,864,833	15,726,482	5,242,161	1
2	RATE-B	1,059,319	983,841	1,174,400	3,217,560	1,072,520	2
3	RATE-C	2,940,345	2,834,023	2,978,815	8,753,183	2,917,728	3
4	RATE-PPL	20,893,422	20,532,433	22,255,880	63,681,735	21,227,245	4
5	FLAT RATES	136,760	120,022	105,115	361,897	120,632	5
6		0	0	0	0	0	6
7		0	0	0	0	0	7
8		0	0	0	0	0	8
9		0	0	0	0	0	9
10	TOTAL	30,325,034	29,036,780	32,379,043	91,740,857	30,580,286	10

DETERMINATION OF ACTUAL AVERAGE KVA SALES

	RATE SCHEDULE	APRIL 2016	MAY 2016	JUNE 2016	TOTAL	AVERAGE	
11	RATE PPL	39,644.38 KVA	40,671.23 KVA	43,735.01 KVA	124,050.62 KVA	41,350.21 KVA	11



# IMPA

Frankfort City Light & Power  
 1000 Washington Avenue  
 Frankfort, IN 46041

**Due Date:**  
**06/15/16**

**Amount Due:**  
**\$2,091,290.04**

Billing Period: April 1 to 30, 2016

Invoice No: INV0006193  
 Invoice Date: 05/16/16

Demand*	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	50,608	6,750	99.12%	04/26/16	1300	79.77%
CP Billing Demand:	50,608	6,750	99.12%	04/26/16	1300	79.77%
kvar at 97% PF:		12,684				
Reactive Demand:						

Energy*	kWh
Frankfort #1:	7,526,181
Frankfort #2:	11,343,456
Frankfort #3:	6,966,107
Frankfort #4 (Fairgrds):	3,230,854
<b>Total Energy:</b>	<b>29,066,598</b>

History	Apr 2016	Apr 2015	2016 YTD
Max Demand (kW):	50,608	47,983	54,727
CP Demand (kW):	50,608	46,880	54,686
Energy (kWh):	29,066,598	29,031,269	122,170,489
CP Load Factor:	79.77%	86.01%	
HDD/CDD (Lafayette):	431/2	402/2	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 22.230 / kW x	50,608	\$ 1,125,015.84
ECA Demand Charge:	\$ 0.038 / kW x	50,608	\$ 1,923.10
Delivery Voltage Charge - 34.5 kV to 138 kV:	\$ 0.787 / kW x	50,608	\$ 39,828.50
<b>Total Demand Charges:</b>			<b>\$ 1,166,767.44</b>
Base Energy Charge:	\$ 0.030525 / kWh x	29,066,598	\$ 887,257.90
ECA Energy Charge:	\$ 0.001274 / kWh x	29,066,598	\$ 37,030.85
<b>Total Energy Charges:</b>			<b>\$ 924,288.75</b>
<b>Average Purchased Power Cost: 7.19 cents per kWh</b>			<b>Total Purchased Power Charges: \$ 2,091,056.19</b>

Other Charges and Credits	
Energy Efficiency Fund - 15,322 kWh Saved:	\$ 233.85

**NET AMOUNT DUE: \$ 2,091,290.04**

\* Units adjusted by loss factors of 1.002 for demand & 1.001 for energy.

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

Questions, please call: 317-573-9955

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



# IMPA

Frankfort City Light & Power  
1000 Washington Avenue  
Frankfort, IN 46041

**Due Date:**  
07/14/16

**Amount Due:**  
\$2,288,267.16

Billing Period: May 1 to 31, 2016

Invoice No: INV0006275  
Invoice Date: 06/14/16

Demand*	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	57,205	9,809	98.56%	05/31/16	1600	72.93%
CP Billing Demand:	56,431	9,455	98.63%	05/31/16	1500	73.93%
kvar at 97% PF:		14,143				
Reactive Demand:						

Energy*	kWh
Frankfort #1:	8,438,267
Frankfort #2:	11,922,396
Frankfort #3:	7,265,322
Frankfort #4 (Fairgrds):	3,413,249
<b>Total Energy:</b>	<b>31,039,234</b>

History	May 2016	May 2015	2016 YTD
Max Demand (kW):	57,205	56,568	57,205
CP Demand (kW):	56,431	56,568	56,431
Energy (kWh):	31,039,234	31,586,440	153,209,723
CP Load Factor:	73.93%	75.05%	
HDD/CDD (Lafayette):	208/66	118/87	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 22.230 / kW x	56,431	\$ 1,254,461.13
ECA Demand Charge:	\$ 0.038 / kW x	56,431	\$ 2,144.38
Delivery Voltage Charge - 34.5 kV to 138 kV:	\$ 0.787 / kW x	56,431	\$ 44,411.20
<b>Total Demand Charges:</b>			<b>\$ 1,301,016.71</b>
Base Energy Charge:	\$ 0.030525 / kWh x	31,039,234	\$ 947,472.62
ECA Energy Charge:	\$ 0.001274 / kWh x	31,039,234	\$ 39,543.98
<b>Total Energy Charges:</b>			<b>\$ 987,016.60</b>
<b>Average Purchased Power Cost: 7.37 cents per kWh</b>			<b>Total Purchased Power Charges: \$ 2,288,033.31</b>

Other Charges and Credits	
Energy Efficiency Fund - 15,322 kWh Saved:	\$ 233.85

**NET AMOUNT DUE: \$ 2,288,267.16**

\* Units adjusted by loss factors of 1.002 for demand & 1.001 for energy.

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

Questions, please call: 317-573-9955

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



# IMPA

Frankfort City Light & Power  
 1000 Washington Avenue  
 Frankfort, IN 46041

**Due Date:**  
 08/15/16

**Amount Due:**  
 \$2,512,524.00

Billing Period: June 1 to 30, 2016

Invoice No: INV0006362  
 Invoice Date: 07/14/16

Demand*	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	64,237	13,416	97.89%	06/23/16	1400	75.59%
CP Billing Demand:	60,752	10,100	98.65%	06/20/16	1500	79.92%
kvar at 97% PF:		15,226				
Reactive Demand:						

Energy*	kWh
Frankfort #1:	8,783,410
Frankfort #2:	12,609,955
Frankfort #3:	9,107,070
Frankfort #4 (Fairgrds):	4,458,299
<b>Total Energy:</b>	<b>34,958,734</b>

History	Jun 2016	Jun 2015	2016 YTD
Max Demand (kW):	64,237	62,782	64,237
CP Demand (kW):	60,752	62,396	60,752
Energy (kWh):	34,958,734	34,185,595	188,168,457
CP Load Factor:	79.92%	76.09%	
HDD/CDD (Lafayette):	10/233	20/183	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 22.230 /kW x	60,752	\$ 1,350,516.96
ECA Demand Charge:	\$ 0.038 /kW x	60,752	\$ 2,308.58
Delivery Voltage Charge - 34.5 kV to 138 kV:	\$ 0.787 /kW x	60,752	\$ 47,811.82
<b>Total Demand Charges:</b>			<b>\$ 1,400,637.36</b>
Base Energy Charge:	\$ 0.030525 /kWh x	34,958,734	\$ 1,067,115.36
ECA Energy Charge:	\$ 0.001274 /kWh x	34,958,734	\$ 44,537.43
<b>Total Energy Charges:</b>			<b>\$ 1,111,652.79</b>
<b>Average Purchased Power Cost: 7.19 cents per kWh</b>			<b>Total Purchased Power Charges: \$ 2,512,290.15</b>

Other Charges and Credits	
Energy Efficiency Fund - 15,322 kWh Saved:	\$ 233.85

**NET AMOUNT DUE: \$ 2,512,524.00**

\* Units adjusted by loss factors of 1.002 for demand & 1.001 for energy.

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 08/15/16

Questions, please call: 317-573-9955

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