



One Municipal Plaza  
401 S. Meridian Street  
Lebanon, IN 46052  
765-482-5100  
[www.lebanon-utilities.com](http://www.lebanon-utilities.com)

May 5, 2016

**Via Electronic Filing – 30 Day Filings – Electric**

Indiana Utility Regulatory Commission  
101 West Washington Street  
Suite 1500 E  
Indianapolis, IN 46204

**RE: Lebanon Utilities 30 Day Filing Pursuant to 170 IAC Rule 6**

To the Indiana Utility Regulatory Commission:

Enclosed please find documents in support of our filing for a 30 Day Filing by Lebanon Utilities 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-s 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 Lebanon Reporter on April 30, 2016. In addition, the Legal Notice has been placed on the utility website rates page ([www.lebanon-utilities.com/e\\_rates.html](http://www.lebanon-utilities.com/e_rates.html)) and has been posted on the bulletin board in the main entrance to the City Building. The contact information, including every person who may need to be contacted, regarding this request is:

Matt Hutton  
Lebanon Utilities  
401 S. Meridian Street  
Lebanon, Indiana 46052  
765/482-5100 [mhutton@lebanon-utilities.com](mailto:mhutton@lebanon-utilities.com)

The proposed rate adjustment will apply to electric customer bills during the three months of July, August, and September 2016. The average residential customer using 850 kWh will see a decrease on their bill of approximately \$0.98 or -1%.

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.

Sincerely,



Matt Hutton

Attachments

To: The Lebanon Reporter  
 117 E. Washington St  
 Lebanon, IN 46052

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Lebanon Utilities

Boone County, Indiana

PUBLISHER'S CLAIM

LINE COUNT

Display Master (Must not exceed two actual lines, neither of which shall total more than four solid lines of the type in which the body of the advertisement is set) - number of equivalent lines \_\_\_\_\_  
 Head - number of lines \_\_\_\_\_  
 Body - number of lines \_\_\_\_\_  
 Tail - number of lines \_\_\_\_\_  
 Total number of lines in notice \_\_\_\_\_

COMPUTATION OF CHARGES

33 lines, 2 columns wide equals  
66 equivalent lines at 0.451 cents per line \$ 29.75  
 (50 percent of above amount)  
 Charge for extra proofs of publication  
 (\$1.00 for each proof in excess of two)  
**Total Amount of Claim** \$ 29.75

DATA FOR COMPUTING COST

Width of single column in picas 9.9 Size of type 7 point.  
 Number of insertions 1

Pursuant to the provisions and penalties of IC 5-11-10-1, I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of the same has been paid.

I also certify that the printed matter attached hereto is a true copy, of the same column width and type size, which was duly published in said paper 1 times. The dates of publication being as follows:

April 30, 2016

Additionally, the statement checked below is true and correct:

- Newspaper does not have a Web site.
- Newspaper has a Web site and this public notice was posted on the same day as it was published in the newspaper.
- Newspaper has a Web site, but due to technical problem or error, publish notice was posted on \_\_\_\_\_
- Newspaper has a Web site but refuses to post the public notice.

*Cherie Herron*

Date:

4/30/2016

Title Legal Advertising Clerk

LEGAL NOTICE

The City of Lebanon, Indiana 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 36835-63. The Filing, if approved by the Commission, will be effective for energy consumed on or after the date of approval.

Rate RS	\$ 0.014035 per kWh
Rate CS Single	\$ 0.015640 per kWh
Rate CS 3-Ph	\$ 0.015153 per kWh
Rate MS	\$ 0.011970 per kWh
Rate PPL	\$ 3.887560 per kVA
	\$ (0.000246) per kWh
Rate SGP	\$ 0.010841 per kWh
Rate OL & SL	\$ 0.014760 per kWh

Applicable: July, August and September, 2016  
 Any Objection to this filing may be addressed to the following:

Indiana Office of Utility Consumer Counselor (OUCC)  
 115 W. Washington St., Suite 1500 South  
 Indianapolis, IN 46204  
 Toll Free: 1-888-441-2494  
 Voice/TDD: (317) 232-2494  
 Fax: (317) 232-5923  
[www.in.gov/oucc](http://www.in.gov/oucc)

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)

LEBANON MUNICIPAL ELECTRIC UTILITY  
Lebanon, Indiana

Proposed Rate Adjustment Applicable to the 3rd Quarter 2016  
and Supporting Schedules

## LEGAL NOTICE

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**LEBANON MUNICIPAL ELECTRIC UTILITY**  
**Lebanon, 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 Rate (RS)	\$ 0.014035	per KWH
Commercial Service Rate - Single Phase (CS Single)	\$ 0.015640	per KWH
Commercial Service Rate - Three Phase (CS 3-Ph)	\$ 0.015153	per KWH
Municipal Service Rate (MS)	\$ 0.011970	per KWH
Primary Power Light Rate (PPL)	\$ 3.887560	per KVA
	\$ (0.000246)	per KWH
Small General Power Rate (SGP)	\$ 0.010841	per KWH
Outdoor Lighting and Street Lighting Rate (OL & SL)	\$ 0.014760	per KWH

Applicable: July, August and September, 2016

**LEBANON MUNICIPAL ELECTRIC UTILITY**

**Lebanon, Indiana**

**Appendix B**

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

Residential Service Rate	RS	\$ 0.014035	per KWH
Commercial Service Rate - Single Phase	CS Single	\$ 0.015640	per KWH
Commercial Service Rate - Three Phase	CS 3-Ph	\$ 0.015153	per KWH
Municipal Service Rate	MS	\$ 0.011970	per KWH
Primary Power Light Rate	PPL	\$ 3.887560	per KVA
		\$ (0.000246)	per KWH
Small General Power Rate	SGP	\$ 0.010841	per KWH
Outdoor Lighting and Street Lighting Rate	OL & SL	\$ 0.014760	per KWH

Average Change in Schedule of Rates:

Residential Service Rate	RS	Decrease	\$ (0.001151)	per KWH
Commercial Service Rate - Single Phase	CS Single	Decrease	\$ (0.000154)	per KWH
Commercial Service Rate - Three Phase	CS 3-Ph	Increase	\$ 0.002571	per KWH
Municipal Service Rate	MS	Decrease	\$ (0.000083)	per KWH
Primary Power Light Rate	PPL	Increase	\$ 0.105441	per KVA
		Decrease	\$ (0.000006)	per KWH
Small General Power Rate	SGP	Increase	\$ 0.001387	per KWH
Outdoor Lighting and Street Lighting Rate	OL & SL	Increase	\$ 0.004327	per KWH

Applicable: July, August and September, 2016

## LEBANON UTILITIES

## DETERMINATION OF INCREMENTAL CHANGE IN BASE RATE

<u>LINE NO.</u>	<u>DESCRIPTION</u>		<u>DEMAND RELATED</u>	<u>ENERGY RELATED</u>	<u>LINE NO.</u>
1	BASE RATE EFFECTIVE 01-Jan-16 (a)		\$23.165	\$0.030525	1
2	BASE RATE EFFECTIVE 12-Sep-12 (b)		\$17.462	\$0.032024	2
3	INCREMENTAL CHANGE IN BASE RATE (c)		\$5.703	(\$0.001499)	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

LEBANON UTILITIES

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

Jul-16                      Aug-16                      Sep-16

LINE NO.	DESCRIPTION	DEMAND RELATED		LINE NO.
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	NOT APPLICABLE	6
7	ESTIMATED MONTHLY COSTS/(SAVINGS) (c)	\$0.00		7
8	ESTIMATED AVERAGE MONTHLY KW (d)	45,628		8
9	ESTIMATED COSTS/(SAVINGS) PER KW (e)	\$0.000000		9

- 
- (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 (see attachment)
  - (i) Average generating cost for 12 months ending Month/Year

## LEBANON UTILITIES

ESTIMATION OF ENERGY COST ADJUSTMENT  
FOR THE THREE MONTHS OF:

LINE NO.	DESCRIPTION	Jul-16	Aug-16	Sep-16	TOTAL	ESTIMATED 3 MONTH AVERAGE	LINE NO.
		(A)	(B)	(C)		(D)	
	PURCHASED POWER FROM IMPA						
1	KW DEMAND	46,577	45,943	44,365	136,885	45,628	1
2	KWH ENERGY	22,536,033	21,529,414	18,127,407	62,192,854	20,730,951	2
	INCREMENTAL PURCHASED POWER COSTS						
	DEMAND RELATED						
3	ECA FACTOR PER KW	0.038	0.038	0.038		0.038	3
4	CHARGE (a)	\$1,769.93	\$1,745.83	\$1,685.87	\$5,201.63	\$1,733.88	4
	ENERGY RELATED						
5	ECA FACTOR PER KWH	0.001274	0.001274	0.001274		0.001274	5
6	CHARGE (b)	\$28,710.91	\$27,428.47	\$23,094.32	\$79,233.70	\$26,411.23	6

(a) Line 1 times Line 3

(b) Line 2 times Line 5

## LEBANON UTILITIES

DETERMINATION OF DEMAND RATE ADJUSTMENT FOR RATE SCHEDULE PPL  
 For the Three Months of: July, August, and September  
 2016

LINE NO.	Demand Related Adjustment Factors		
	<u>Rate PPL</u>		
1	From Page 3 of 3, Column C, Line 4		\$97,361.24
2	From Page 2 of 3, Column C, Line 4		19,048.20 kVA
3	Line 1 divided by Line 2	\$	5.111309
4	Line 3 multiplied by 76.058%	\$	3.887560
5	Demand Related Rate Adjustment Factor	\$	<b>3.887560</b> per KVA



LEBANON UTILITIES

DETERMINATION OF RATE ADJUSTMENT FOR THE  
THREE MONTHS OF:

LINE NO.	RATE SCHEDULE	KW DEMAND ALLOCATOR (%) (a) (A)	KWH ENERGY ALLOCATOR (%) (a) (B)	Jul-16	Aug-16	Sep-16			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	40.273%	34.398%	18,375.6	7,131,080	\$110,511.08	(\$1,682.93)	\$108,828.15	1
2	CS Single	8.514%	6.378%	3,884.7	1,322,240	\$23,362.52	(\$312.05)	\$23,050.47	2
3	CS 3-Ph	0.758%	0.690%	345.6	143,105	\$2,078.68	(\$33.77)	\$2,044.91	3
4	MS	0.461%	0.499%	210.6	103,370	\$1,266.27	(\$24.40)	\$1,241.87	4
5	PPL	41.747%	48.294%	19,048.2	10,011,703	\$114,556.12	(\$2,362.76)	\$112,193.36	5
6	SGP	7.246%	8.954%	3,306.2	1,856,169	\$19,883.69	(\$438.06)	\$19,445.63	6
7		0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	7
8	OL & SL	1.002%	0.788%	457.0	163,283	\$2,748.42	(\$38.53)	\$2,709.89	8
9		0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	9
10		0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	10
11									
12	TOTAL	100.000%	100.000%	45,627.9	20,730,950	\$274,406.79	(\$4,892.50)	\$269,514.29	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

LEBANON UTILITIES

DETERMINATION OF RATE ADJUSTMENT FOR THE  
THREE MONTHS OF:

Jul-16                      Aug-16                      Sep-16

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	(\$8,915.26)	\$173.45	\$101,595.82	(\$1,509.48)	\$100,086.34	0.014247	(0.000212)	0.014035	1
2	CS Single	(\$2,413.45)	\$42.21	\$20,949.07	(\$269.84)	\$20,679.23	0.015844	(0.000204)	0.015640	2
3	CS 3-Ph	\$128.02	(\$4.39)	\$2,206.70	(\$38.16)	\$2,168.54	0.015420	(0.000267)	0.015153	3
4	MS	(\$4.73)	\$0.25	\$1,261.54	(\$24.15)	\$1,237.38	0.012204	(0.000234)	0.011970	4
5	PPL	(\$17,194.88)	(\$103.96)	\$97,361.24	(\$2,466.72)	\$94,894.52	0.009725	(0.000246)	0.009478	5
6	SGP	\$690.31	(\$12.61)	\$20,574.00	(\$450.67)	\$20,123.33	0.011084	(0.000243)	0.010841	
7		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.000000	0.000000	0.000000	6
8	OL & SL	(\$301.03)	\$1.19	\$2,447.39	(\$37.34)	\$2,410.05	0.014989	(0.000229)	0.014760	7
9		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.000000	0.000000	0.000000	
10		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.000000	0.000000	0.000000	
11										
12	TOTAL	(\$28,011.02)	\$96.14	\$246,395.77	(\$4,796.36)	\$241,599.41	0.011885	(0.000231)	0.011654	10

(a) Exhibit IV, Page 4 of 7, Columns D and E divided by (1 - loss factor)(.986) = 0.9546452

(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)



LEBANON UTILITIES

RECONCILIATION OF VARIANCES FOR THE  
THREE MONTHS OF:

Jan-2016      Feb-2016      Mar-2016

LINE NO.	RATE SCHEDULE	KW DEMAND	KWH ENERGY	ALLOCATED	ALLOCATED	INCREMENTAL CHANGE IN PURCHASED POWER COST			LINE NO.
		ALLOCATOR	ALLOCATOR	ACTUAL KW	ACTUAL KWH	DEMAND (d)	ENERGY (e)	TOTAL	
		(%) (a)	(%) (a)	PURCHASED (b)	PURCHASED (c)	(E)	(F)	(G)	
		(A)	(B)	(C)	(D)				
1	RS	40.273%	34.398%	14,060.4	6,425,844	\$80,720.84	(\$1,445.82)	\$79,275.02	1
2	CS Single	8.514%	6.378%	2,972.4	1,191,476	\$17,064.73	(\$268.08)	\$16,796.65	2
3	CS 3-Ph	0.758%	0.690%	264.5	128,953	\$1,518.33	(\$29.01)	\$1,489.32	3
4	MS	0.461%	0.499%	161.1	93,147	\$924.93	(\$20.96)	\$903.97	4
5	PPL	41.747%	48.294%	14,575.1	9,021,585	\$83,675.47	(\$2,029.86)	\$81,645.61	5
6	SGP	7.246%	8.954%	2,529.8	1,672,601	\$14,523.69	(\$376.34)	\$14,147.35	6
7		0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	7
8	OL & SL	1.002%	0.788%	349.7	147,135	\$2,007.54	(\$33.11)	\$1,974.43	8
9		0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	9
10		0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	10
11									11
12	TOTAL	100.000%	100.000%	34,913.0	18,680,741	\$200,435.53	(\$4,203.17)	\$196,232.36	12

- (a) Adjusted allocators from Exhibit VII Rows (14) and (19) for the year 2015  
(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

LEBANON UTILITIES

RECONCILIATION OF VARIANCES FOR THE  
THREE MONTHS OF:

LINE NO.	RATE SCHEDULE	ACTUAL AVERAGE KWH SALES (a) (A)	ACTUAL AVERAGE KVA SALES (a) (A)	Jan-2016	Feb-2016	Mar-2016	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	6,923,274		0.012912	(0.000243)	\$88,141.81	(\$1,658.80)	(\$1,089.94)	(\$47.40)	1
2	CS Single	1,319,456		0.014637	(0.000250)	\$19,042.50	(\$325.25)	(\$326.22)	(\$16.87)	2
3	CS 3-Ph	114,122		0.010033	(0.000471)	\$1,128.96	(\$53.00)	(\$267.16)	(\$28.18)	3
4	MS	91,168	0	0.009783	(0.000296)	\$879.41	(\$26.61)	(\$50.04)	(\$5.41)	4
5	PPL	8,354,760	22,349	4.332508	(0.000268)	\$95,471.64	(\$2,207.73)	(\$4,618.84)	(\$277.11)	5
6	SGP	1,555,398	0	0.009057	(0.000223)	\$13,890.02	(\$342.00)	\$25.33	\$22.30	6
7		0	0	0.000000	0.000000	\$0.00	\$0.00	\$0.00	\$0.00	7
8	OL & SL	161,394	0	0.016836	0.000021	\$2,679.19	\$3.34	\$384.27	\$37.59	8
9		0		0.000000	0.000000	\$0.00	\$0.00	\$0.00	\$0.00	9
10		0		0.000000	0.000000	\$0.00	\$0.00	\$0.00	\$0.00	10
11										11
12	TOTAL	18,519,572	22,349			\$221,233.52	(\$4,610.04)	(\$5,942.60)	(\$315.08)	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:

Jan-2016 Feb-2016 Mar-2016

(c) Page 3 of 3, Column G of Tracker Filing for the three months of:

Jan-2016 Feb-2016 Mar-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 months of:

Jan-2016 Feb-2016 Mar-2016

(g) Exhibit IV, Page 4 of 7, Column E of Tracker Filing for the months of:

Jan-2016 Feb-2016 Mar-2016

LEBANON UTILITIES

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	\$89,231.75	(\$1,611.40)	\$87,620.34	(\$8,510.91)	\$165.58	(\$8,345.32)	1
2	CS Single	\$19,368.72	(\$308.38)	\$19,060.34	(\$2,303.99)	\$40.30	(\$2,263.69)	2
3	CS 3-Ph	\$1,396.12	(\$24.82)	\$1,371.30	\$122.21	(\$4.19)	\$118.02	3
4	MS	\$929.45	(\$21.20)	\$908.25	(\$4.52)	\$0.24	(\$4.28)	4
5	PPL	\$100,090.48	(\$1,930.62)	\$98,159.86	(\$16,415.01)	(\$99.24)	(\$16,514.25)	5
6	SGP	\$13,864.69	(\$364.30)	\$13,500.39	\$659.00	(\$12.04)	\$646.96	6
7		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	7
8	OL & SL	\$2,294.92	(\$34.25)	\$2,260.67	(\$287.38)	\$1.14	(\$286.24)	8
9		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	9
10		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	10
11								11
12	TOTAL	\$227,176.12	(\$4,294.96)	\$222,881.16	(\$26,740.59)	\$91.78	(\$26,648.81)	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

LEBANON UTILITIES

DETERMINATION OF ACTUAL DEDICATED CAPACITY PAYMENTS  
FOR THE THREE MONTHS OF

LINE NO.	DESCRIPTION	Jan-2016	Feb-2016	Mar-2016	TOTAL (D)	AVERAGE (E)	LINE NO.
		January (A)	January (B)	January (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)	37,550	35,339	31,850	104,739	34,913	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.

LEBANON UTILITIES

DETERMINATION OF ACTUAL ENERGY COST ADJUSTMENT  
FROM HISTORICAL DATA

LINE NO.	DESCRIPTION	Jan-2016 (A)	Feb-2016 (B)	Mar-2016 (C)	TOTAL (D)	ACTUAL 3 MONTH AVERAGE (E)	LINE NO.
PURCHASED POWER FROM IMPA							
1	KW DEMAND (a)	37,550	35,339	31,850	104,739	34,913	1
2	KWH ENERGY (a)	20,330,702	18,558,453	17,153,067	56,042,222	18,680,741	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)	\$1,426.90	\$1,342.88	\$1,210.30	\$3,980.08	\$1,326.69	4
ENERGY RELATED							
5	ECA FACTOR PER KWH (a)	0.001274	0.001274	0.001274		0.001274	5
6	CHARGE (c)	\$25,901.31	\$23,643.47	\$21,853.01	\$71,397.79	\$23,799.26	6

(a) From IMPA bills for the months of:

Jan-2016

Feb-2016

Mar-2016

(b) Line 1 times Line 3

(c) Line 2 times Line 5

LEBANON UTILITIES

DETERMINATION OF ACTUAL AVERAGE KWH SALES  
HISTORICAL DATA

LINE NO.	RATE SCHEDULE	Jan-2016 (A)	Feb-2016 (B)	Mar-2016 (C)	TOTAL (D)	AVERAGE (E)	LINE NO.
1	RS	6,830,195	7,676,694	6,262,932	20,769,821	6,923,274	1
2	CS Single	1,252,782	1,441,158	1,264,427	3,958,367	1,319,456	2
3	CS 3-Ph	114,214	117,013	111,138	342,365	114,122	3
4	MS	86,454	103,901	83,150	273,505	91,168	4
5	PPL	10,129,409	6,139,234	8,795,638	25,064,281	8,354,760	5
6	SGP	1,538,285	1,625,783	1,502,125	4,666,193	1,555,398	6
7		0	0	0	0	0	7
8	OL & SL	181,370	151,470	151,342	484,182	161,394	8
9		0	0	0	0	0	9
10		0	0	0	0	0	10
11							11
12	TOTAL	20,132,709	17,255,253	18,170,752	55,558,714	18,519,572	12

DETERMINATION OF ACTUAL AVERAGE KW/KVA SALES

		Jan-2016	Feb-2016	Mar-2016	TOTAL	AVERAGE	
13		0	0	0	0	0	13
14		0	0	0	0	0	14
15	0	0	0	0	0	0	15
16		0	0	0	0	0	16
17	PPL NCF	20,569	23,085	23,393	67,047	22,349	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		0	0	0	0	0	22
23		20,569	23,085	23,393	67,047	22,349	23

**LEBANON MUNICIPAL ELECTRIC UTILITY**  
Lebanon, Indiana

Flat Rates Consumption Calculation  
**Jan-2016**

		<u># of</u> <u>Customers</u> (a)	<u>kWh</u> <u>January</u>	<u>kWh</u> <u>Consumption</u>
<u>Security Lights</u>				
175 MV	EO1	510	103	52,530
250 MV	EO2	19	150	2,850
400 MV	EO3	30	232	6,960
100 HPS	EO4	11	52	572
200 HPS	EO5	68	101	6,868
400 HPS	EO6	26	207	5,382
150 HPS	EO7	39	75	2,925
250 HPS	EO8	7	130	910
<u>Street Lights</u>				
100 MV	EP1	27	58	1,566
175 MV	EP2	440	103	45,320
250 MV	EP3	79	150	11,850
100 HPS	EP5	55	52	2,860
200 HPS	EP6	197	101	19,897
400 HPS	EP7	55	207	11,385
150 HPS	EP8	73	75	5,475
250 HPS	EP9	29	130	3,770
<u>Flat Sales</u>				
	Lebanon Utilities LS#3 (KFC)	1		250
	Lebanon Bowling	1		0
Total Flat Rate Consumption				<u><u>181,370</u></u>

**LEBANON MUNICIPAL ELECTRIC UTILITY**  
Lebanon, Indiana

Flat Rates Consumption Calculation  
**Feb-2016**

		<u># of</u> <u>Customers</u> (a)	<u>kWh</u> <u>February</u>	<u>kWh</u> <u>Consumption</u>
<u>Security Lights</u>				
175 MV	EO1	510	86	43,860
250 MV	EO2	19	125	2,375
400 MV	EO3	30	194	5,820
100 HPS	EO4	11	43	473
200 HPS	EO5	68	84	5,712
400 HPS	EO6	26	173	4,498
150 HPS	EO7	40	63	2,520
250 HPS	EO8	7	109	763
<u>Street Lights</u>				
100 MV	EP1	27	48	1,296
175 MV	EP2	440	86	37,840
250 MV	EP3	79	125	9,875
100 HPS	EP5	55	43	2,365
200 HPS	EP6	197	84	16,548
400 HPS	EP7	55	173	9,515
150 HPS	EP8	73	63	4,599
250 HPS	EP9	29	109	3,161
<u>Flat Sales</u>				
	Lebanon Utilities LS#3 (KFC)	1		250
	Lebanon Bowling	1		0
Total Flat Rate Consumption				151,470

**LEBANON MUNICIPAL ELECTRIC UTILITY**  
Lebanon, Indiana

Flat Rates Consumption Calculation  
**Mar-2016**

		# of Customers <u>(a)</u>	kWh <u>March</u>	kWh <u>Consumption</u>
<u>Security Lights</u>				
175 MV	EO1	510	86	43,860
250 MV	EO2	19	124	2,356
400 MV	EO3	30	193	5,790
100 HPS	EO4	11	43	473
200 HPS	EO5	68	84	5,712
400 HPS	EO6	26	173	4,498
150 HPS	EO7	40	63	2,520
250 HPS	EO8	7	109	763
<u>Street Lights</u>				
100 MV	EP1	27	48	1,296
175 MV	EP2	440	86	37,840
250 MV	EP3	79	124	9,796
100 HPS	EP5	55	43	2,365
200 HPS	EP6	197	84	16,548
400 HPS	EP7	55	173	9,515
150 HPS	EP8	73	63	4,599
250 HPS	EP9	29	109	3,161
<u>Flat Sales</u>				
	Lebanon Utilities LS#3 (KFC)	1		250
	Lebanon Bowling	1		0
Total Flat Rate Consumption				151,342

**LEBANON MUNICIPAL ELECTRIC UTILITY**  
Lebanon, Indiana

CALCULATION OF LINE LOSS FACTOR  
**FOR YEAR 2015**

Month	Metered kWh Sold	IMPA Metered kWh Purchased
	<hr/>	<hr/>
January	19,751,087	21,229,361
February	19,457,983	19,987,818
March	19,789,666	18,734,454
April	16,332,406	15,871,999
May	15,789,055	17,660,662
June	18,451,100	19,684,216
July	19,223,585	21,003,347
August	20,131,382	20,323,009
September	18,875,817	18,598,063
October	16,076,294	15,788,036
November	14,999,376	16,005,159
December	15,112,824	17,876,835
Subtotal	<hr/> 213,990,575	
Unmetered Sales (From Ex VII, Col G)	1,698,833	
Total	<hr/> 215,689,408	<hr/> 222,762,959
Estimated Losses kWh		7,073,551
Line Loss as percent of total purchases		3.1754%

**LEBANON MUNICIPAL ELECTRIC UTILITY**

Lebanon, 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 Rate RS (A)	Commercial Single Phase Rate CS (B)	Commercial Three Phase Rate CS (C)	Municipal Rate MS (D)	General Power Rate PPL (E)	Small General Power Rate SGP (F)	Flat Rates SL & OL (G)	Total (H)
1	January-15	7,653,796	1,248,440	112,424	111,977	9,024,734	1,599,716	181,763	19,932,850
2	February	7,947,023	1,267,241	122,926	109,120	8,349,994	1,661,679	151,711	19,609,694
3	March	7,729,049	1,269,092	119,156	103,564	8,899,186	1,669,619	151,583	19,941,249
4	April*	5,340,854	1,014,014	110,422	90,869	8,316,840	1,459,407	124,812	16,457,218
5	May	4,538,611	968,254	105,953	61,743	8,635,455	1,479,039	110,829	15,899,884
6	June	5,607,048	1,146,497	127,723	89,713	9,852,500	1,627,619	95,396	18,546,496
7	July	6,409,752	1,195,351	144,788	94,328	9,692,439	1,686,927	104,564	19,328,149
8	August	7,555,004	1,341,909	176,067	104,626	9,075,418	1,878,358	120,659	20,252,041
9	September	6,425,280	1,204,649	121,635	99,490	9,155,123	1,869,640	137,505	19,013,322
10	October	5,002,828	1,044,654	137,186	69,200	8,187,667	1,634,759	161,339	16,237,633
11	November	4,592,113	1,001,934	107,330	61,456	7,818,851	1,417,692	172,019	15,171,395
12	December	5,391,979	1,054,847	103,289	79,401	7,155,773	1,327,535	186,653	15,299,477
13	Total	74,193,337	13,756,882	1,488,899	1,075,487	104,163,980	19,311,990	1,698,833	215,689,408
14	Percent of Total	(b) <b>34.3982%</b>	<b>6.3781%</b>	<b>0.6903%</b>	<b>0.4986%</b>	<b>48.2935%</b>	<b>8.9536%</b>	<b>0.7876%</b>	<b>100.0000%</b>
15	kWh Energy Factors	(a) 37.040%	6.300%	0.660%	0.500%	44.790%	10.180%	0.530%	<b>100.0000%</b>
16	Percent Variance	{c} -7.132%	1.240%	4.591%	-0.274%	7.822%	-12.047%	48.609%	
17	kW Demand Factors	(a) 43.110%	8.360%	0.720%	0.460%	38.490%	8.190%	0.670%	100.0000%
18	Adjusted Factors	(d) 40.035%	8.464%	0.753%	0.459%	41.501%	7.203%	0.996%	99.410%
19	Percent of Total	(e) <b>40.27%</b>	<b>8.51%</b>	<b>0.76%</b>	<b>0.46%</b>	<b>41.75%</b>	<b>7.25%</b>	<b>1.00%</b>	<b>100.000%</b>

\* Billing period realignment, meter read dates shifted.

(a) Taken from Cost of Service Study based on Twelve Month Period March, 2012.

(b) kWh sales by rate classification expressed as a percent of total kWh sales for the year 2015. Proposed kWh Energy allocator for year 2016.

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

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

(e) ( Line 18) / (Line 18, column H). Proposed kW Demand allocator for year 2016.



# IMPA

INDIANA MUNICIPAL POWER AGENCY

Lebanon Utilities  
P.O. Box 479  
Lebanon, IN 46052

**Due Date:**  
**03/16/16**

**Amount Due:**  
**\$1,519,734.77**

Billing Period: January 1 to 31, 2016

Invoice No: INV0005938  
Invoice Date: 02/15/16

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	37,697	5,859	98.81%	01/19/16	800	72.49%
CP Billing Demand:	37,550	5,944	98.77%	01/19/16	900	72.77%
kvar at 97% PF:		9,411				
Reactive Demand:		-				

Energy	kWh
Lebanon:	15,642,200
Lebanon Enterprise:	4,688,502
<b>Total Energy:</b>	<b>20,330,702</b>

History	Jan 2016	Jan 2015	2016 YTD
Max Demand (kW):	37,697	40,356	37,697
CP Demand (kW):	37,550	40,356	37,550
Energy (kWh):	20,330,702	21,229,361	20,330,702
CP Load Factor:	72.77%	70.71%	
HDD/CDD (Indianapolis):	1112/0	1224/0	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 22.230 / kW x	37,550	\$ 834,736.50
ECA Demand Charge:	\$ 0.038 / kW x	37,550	\$ 1,426.90
Delivery Voltage Charge - 34.5 kV to 138 kV:	\$ 0.787 / kW x	29,260	\$ 23,027.62
Delivery Voltage Charge - Less than 34.5 kV:	\$ 1.493 / kW x	8,290	\$ 12,376.97
Total Demand Charges:			\$ 871,567.99
Base Energy Charge:	\$ 0.030525 / kWh x	20,330,702	\$ 620,594.68
ECA Energy Charge:	\$ 0.001274 / kWh x	20,330,702	\$ 25,901.31
Total Energy Charges:			\$ 646,495.99
<b>Average Purchased Power Cost: 7.47 cents per kWh</b>			<b>Total Purchased Power Charges: \$ 1,518,063.98</b>

Other Charges and Credits	
Energy Efficiency Fund - 46,883 kWh Saved:	\$ 715.55
Green Power Program - 106,138 kWh * \$0.009 per kWh:	\$ 955.24

**NET AMOUNT DUE: \$ 1,519,734.77**

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

Questions, please call: 317-573-9955

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



# IMPA

INDIANA MUNICIPAL POWER AGENCY

Lebanon Utilities  
P.O. Box 479  
Lebanon, IN 46052

**Due Date:**  
**04/13/16**

**Amount Due:**  
**\$1,413,039.44**

Billing Period: February 1 to 29, 2016

Invoice No: INV0006021  
Invoice Date: 03/14/16

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	35,589	5,290	98.91%	02/10/16	800	74.92%
CP Billing Demand:	35,339	5,396	98.85%	02/11/16	800	75.45%
kvar at 97% PF:		8,857				
Reactive Demand:		-				

Energy	kWh
Lebanon:	13,734,602
Lebanon Enterprise:	4,823,851
<b>Total Energy:</b>	<b>18,558,453</b>

History	Feb 2016	Feb 2015	2016 YTD
Max Demand (kW):	35,589	39,239	37,697
CP Demand (kW):	35,339	39,239	37,550
Energy (kWh):	18,558,453	19,987,818	38,889,155
CP Load Factor:	75.45%	73.19%	
HDD/CDD (Indianapolis):	869/0	1249/0	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 22.230 / kW x	35,339	\$ 785,585.97
ECA Demand Charge:	\$ 0.038 / kW x	35,339	\$ 1,342.88
Delivery Voltage Charge - 34.5 kV to 138 kV:	\$ 0.787 / kW x	26,838	\$ 21,121.51
Delivery Voltage Charge - Less than 34.5 kV:	\$ 1.493 / kW x	8,501	\$ 12,691.99
Total Demand Charges:			\$ 820,742.35
Base Energy Charge:	\$ 0.030525 / kWh x	18,558,453	\$ 566,496.78
ECA Energy Charge:	\$ 0.001274 / kWh x	18,558,453	\$ 23,643.47
Total Energy Charges:			\$ 590,140.25
<b>Average Purchased Power Cost: 7.60 cents per kWh</b>			<b>Total Purchased Power Charges: \$ 1,410,882.60</b>

Other Charges and Credits	
Energy Efficiency Fund - 46,883 kWh Saved:	\$ 715.55
Green Power Program - 160,143 kWh * \$0.009 per kWh:	\$ 1,441.29

**NET AMOUNT DUE: \$ 1,413,039.44**

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 04/13/16

Questions, please call: 317-573-9955

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



# IMPA

INDIANA MUNICIPAL POWER AGENCY

Lebanon Utilities  
P.O. Box 479  
Lebanon, IN 46052

**Due Date:**  
**05/16/16**

**Amount Due:**  
**\$1,287,254.61**

Billing Period: March 1 to 31, 2016

Invoice No: INV0006115  
Invoice Date: 04/14/16

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	31,850	4,084	99.19%	03/02/16	800	72.39%
CP Billing Demand:	31,850	4,084	99.19%	03/02/16	800	72.39%
kvar at 97% PF:		7,982				
Reactive Demand:		-				

Energy	kWh
Lebanon:	12,192,810
Lebanon Enterprise:	4,960,257
<b>Total Energy:</b>	<b>17,153,067</b>

History	Mar 2016	Mar 2015	2016 YTD
Max Demand (kW):	31,850	36,499	37,697
CP Demand (kW):	31,850	36,457	37,550
Energy (kWh):	17,153,067	18,734,454	56,042,222
CP Load Factor:	72.39%	69.07%	
HDD/CDD (Indianapolis):	482/0	790/0	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 22.230 / kW x	31,850	\$ 708,025.50
ECA Demand Charge:	\$ 0.038 / kW x	31,850	\$ 1,210.30
Delivery Voltage Charge - 34.5 kV to 138 kV:	\$ 0.787 / kW x	23,786	\$ 18,719.58
Delivery Voltage Charge - Less than 34.5 kV:	\$ 1.493 / kW x	8,064	\$ 12,039.55
Total Demand Charges:			\$ 739,994.93
Base Energy Charge:	\$ 0.030525 / kWh x	17,153,067	\$ 523,597.37
ECA Energy Charge:	\$ 0.001274 / kWh x	17,153,067	\$ 21,853.01
Total Energy Charges:			\$ 545,450.38
<b>Average Purchased Power Cost: 7.49 cents per kWh</b>			<b>Total Purchased Power Charges: \$ 1,285,445.31</b>

Other Charges and Credits	
Energy Efficiency Fund - 46,883 kWh Saved:	\$ 715.55
Green Power Program - 121,528 kWh * \$0.009 per kWh:	\$ 1,093.75

**NET AMOUNT DUE: \$ 1,287,254.61**

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 05/16/16

Questions, please call: 317-573-9955

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

**INDIANA MUNICIPAL POWER AGENCY  
 ECA ESTIMATES FOR JULY, AUGUST and SEPTEMBER  
 2016 - 3RD QUARTER**

	JUL	AUG	SEP	JUL	AUG	SEP
IMPA's Energy Cost Adjustment	\$/kW-month			\$/kWh		
	0.038	0.038	0.038	0.001274	0.001274	0.001274
To develop these Energy Cost Adjustment factors, IMPA used the following estimated loads for <b>LEBANON</b>	kW			kWh		
	46,577	45,943	44,365	22,536,033	21,529,414	18,127,407