



One Municipal Plaza
401 S. Meridian Street
Lebanon, IN 46052
765-482-5100
www.lebanon-utilities.com

January 19, 2017

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 February 1, 2017. In addition, the Legal Notice has been placed on the utility website rates page (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

The proposed rate adjustment will apply to electric customer bills during the three months of April, May, and June 2017. The average residential customer using 850 kWh will see an increase on their bill of approximately \$4.12 or 4.3%.

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,

A handwritten signature in red ink that reads "Matt Hutton". The signature is written in a cursive, slightly slanted style.

Matt Hutton

Attachments

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

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
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COMPUTATION OF CHARGES

| | | |
|---|------------------------------|-----------------|
| <u>56</u> lines, | <u>1</u> columns wide equals | |
| <u>56</u> equivalent lines at | <u>0.462</u> cents per line | \$ 25.87 |
| (50 percent of above amount) | | |
| Charge for extra proofs of publication (\$1.00 for each proof in excess of two) | | |
| Total Amount of Claim | | \$ 25.87 |

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:
February 4, 2017

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.

Kenny Luchetta

Date: 2/6/2017

Title Legal Advertising Clerk

LEGAL NOTICE
 The City of Lebanon, Indiana Utilities has made a filing for a purchase power and energy tracking factor with the Indiana Utility Regulatory Commission in order to implement an average change in its rates for electric service charged by its supplier, Indiana Municipal Power Agency, pursuant to the Indiana Utility Regulatory Commission Order in Cause Number 36835-S3. The filing, if approved by the Commission, will be effective for energy consumed on or after the date of approval.
 Rate RS \$0.016439 per kWh
 Rate CS Single \$0.018490 per kWh
 Rate CS 3-PH \$0.014020 per kWh
 Rate MS \$0.012130 per kWh
 Rate PPL \$4.945458 per kVA
 Rate SGP \$ (0.003410) per kWh
 Rate OL&SL \$0.009347 per kWh
 Rate OL&SL \$0.011957 per kWh
 Applicable: April, May and June, 2017
 Any objection to this filing may be addressed to the following:
 Indiana Office of Utility Consumer Counselor (OUCC)
 115 W. Washington St., Suite 1500 South Indianapolis, IN 46204
 Toll Free: 1-888-441-2494
 Voice/TDD: (317) 232-2494
 Fax: (317) 232-5923
 www.in.gov/iurc
 Indiana Utility Regulatory Commission (IURC)
 101 W. Washington St., Suite 1500 East Indianapolis, IN 46204
 Toll Free: 1-800-851-4268
 Voice/TDD: (317) 232-2701
 Fax: (317) 233-2410
 www.in.gov/iurc
 TLR-77 Feb. 4 hspaxlp

LEBANON MUNICIPAL ELECTRIC UTILITY
Lebanon, Indiana

Proposed Rate Adjustment Applicable to the 2nd Quarter 2017
and Supporting Schedules

LEGAL NOTICE

The City of Lebanon, Indiana Utilities has made a filing for a purchase power and energy tracking factor with the Indiana Utility Regulatory Commission in order to implement an average change in its rates for electric service charged by its supplier, Indiana Municipal Power Agency, pursuant to the Indiana Utility Regulatory Commission Order in Cause Number 36835-S3. The filing, if approved by the Commission, will be effective for energy consumed on or after the date of approval.

| | | | |
|----------------|----|------------|---------|
| Rate RS | \$ | 0.016439 | per kWh |
| Rate CS Single | \$ | 0.018490 | per kWh |
| Rate CS 3-Ph | \$ | 0.014020 | per kWh |
| Rate MS | \$ | 0.012130 | per kWh |
| Rate PPL | \$ | 4.945458 | per kVA |
| | \$ | (0.003410) | per kWh |
| Rate SGP | \$ | 0.009347 | per kWh |
| | | | |
| Rate OL & SL | \$ | 0.011957 | per kWh |

Applicable: April, May and June, 2017

Any objection to this filing may be addressed to the following:

Indiana Office of Utility Consumer Counselor (OUCC)
115 W. Washington St., Suite 1500 South
Indianapolis, IN 46204
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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

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) | \$ 0.016439 | per KWH |
| Commercial Service Rate - Single Phase (CS Single) | \$ 0.018490 | per KWH |
| Commercial Service Rate - Three Phase (CS 3-Ph) | \$ 0.014020 | per KWH |
| Municipal Service Rate (MS) | \$ 0.012130 | per KWH |
| Primary Power Light Rate (PPL) | \$ 4.945458 | per KVA |
| | \$ (0.003410) | per KWH |
| Small General Power Rate (SGP) | \$ 0.009347 | per KWH |
| Outdoor Lighting and Street Lighting Rate (OL & SL) | \$ 0.011957 | per KWH |

Applicable: April, May and June, 2017

LEBANON MUNICIPAL ELECTRIC UTILITY

Lebanon, Indiana

Appendix B

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

| | | | |
|---|-----------|---------------|---------|
| Residential Service Rate | RS | \$ 0.016439 | per KWH |
| Commercial Service Rate - Single Phase | CS Single | \$ 0.018490 | per KWH |
| Commercial Service Rate - Three Phase | CS 3-Ph | \$ 0.014020 | per KWH |
| Municipal Service Rate | MS | \$ 0.012130 | per KWH |
| Primary Power Light Rate | PPL | \$ 4.945458 | per KVA |
| | | \$ (0.003410) | per KWH |
| Small General Power Rate | SGP | \$ 0.009347 | per KWH |
| Outdoor Lighting and Street Lighting Rate | OL & SL | \$ 0.011957 | per KWH |

Average Change in Schedule of Rates:

| | | | | |
|---|-----------|----------|---------------|---------|
| Residential Service Rate | RS | Increase | \$ 0.004844 | per KWH |
| Commercial Service Rate - Single Phase | CS Single | Increase | \$ 0.004326 | per KWH |
| Commercial Service Rate - Three Phase | CS 3-Ph | Increase | \$ 0.003679 | per KWH |
| Municipal Service Rate | MS | Increase | \$ 0.002839 | per KWH |
| Primary Power Light Rate | PPL | Decrease | \$ (0.077454) | per KVA |
| | | Decrease | \$ (0.000022) | per KWH |
| Small General Power Rate | SGP | Increase | \$ 0.002111 | per KWH |
| Outdoor Lighting and Street Lighting Rate | OL & SL | Decrease | \$ (0.006756) | per KWH |

Applicable: April, May and June, 2017

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-17 (a) | | \$24.019 | \$0.030565 | 1 |
| 2 | BASE RATE EFFECTIVE 12-Sep-12 (b) | | \$17.462 | \$0.032024 | 2 |
| 3 | INCREMENTAL CHANGE IN BASE RATE (c) | | \$6.557 | (\$0.001459) | 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:

Apr-17 May-17 Jun-17

| 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) | 38,303 | | 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 | Apr-17 | May-17 | Jun-17 | TOTAL | ESTIMATED 3 MONTH AVERAGE | LINE NO. |
|-----------------------------------|--------------------|---------------|---------------|---------------|---------------|---------------------------------|-------------|
| | | Apr-17 (A) | May-17 (B) | Jun-17 (C) | | (D) | |
| PURCHASED POWER FROM IMPA | | | | | | | |
| 1 | KW DEMAND | 30,571 | 39,456 | 44,883 | 114,910 | 38,303 | 1 |
| 2 | KWH ENERGY | 16,776,767 | 17,052,111 | 21,080,276 | 54,909,154 | 18,303,051 | 2 |
| INCREMENTAL PURCHASED POWER COSTS | | | | | | | |
| DEMAND RELATED | | | | | | | |
| 3 | ECA FACTOR PER KW | 0.416 | 0.416 | 0.416 | | 0.416 | 3 |
| 4 | CHARGE (a) | \$12,717.54 | \$16,413.70 | \$18,671.33 | \$47,802.56 | \$15,934.19 | 4 |
| ENERGY RELATED | | | | | | | |
| 5 | ECA FACTOR PER KWH | (0.001775) | (0.001775) | (0.001775) | | (0.001775) | 5 |
| 6 | CHARGE (b) | (\$29,778.76) | (\$30,267.50) | (\$37,417.49) | (\$97,463.75) | (\$32,487.92) | 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: April, May, and June
 2017

| LINE NO. | Demand Related Adjustment Factors | | |
|-------------|--|----|-------------------------|
| | <u>Rate PPL</u> | | |
| 1 | From Attachment B, Page 3 of 3, Column C, Line 5 | | \$104,205.88 |
| 2 | From Attachment B, Page 2 of 3, Column C, Line 5 | | 16,026.20 kVA |
| 3 | Line 1 divided by Line 2 | \$ | 6.502220 |
| 4 | Line 3 multiplied by 76.058% * | \$ | 4.945458 |
| 5 | Demand Related Rate Adjustment Factor | \$ | 4.945458 per KVA |

* Average Power Factor for PPL class.

LEBANON UTILITIES

DETERMINATION OF RATE ADJUSTMENT FOR THE
THREE MONTHS OF

Apr-17

May-17

Jun-17

| LINE NO. | DESCRIPTION | DEMAND RELATED (A) | ENERGY RELATED (B) | LINE NO. |
|----------|---|--------------------|--------------------|----------|
| 1 | INCREMENTAL CHANGE IN BASE RATE (a) | \$6.557 | -\$0.001459 | 1 |
| 2 | ESTIMATED SAVINGS (LOSS) FROM DEDICATED CAPACITY PAYMENTS (b) | \$0.000 | -- | 2 |
| 3 | ESTIMATED PURCHASED POWER ENERGY COST ADJUSTMENT (c) | \$0.416 | -\$0.001775 | 3 |
| 4 | ESTIMATED TOTAL CHANGE IN PURCHASED POWER RATE | \$6.973 | -\$0.003234 | 4 |
| 5 | EST CHANGE IN PURCHASED POWER RATE ADJ FOR LOSSES & GR INCOME TAX (d) | \$7.354 | -\$0.003411 | 5 |
| 6 | PLUS TRACKING FACTOR EFFECTIVE PRIOR TO JANUARY 27, 1983 (e) | \$0.000 | \$0.000000 | 6 |
| 7 | ESTIMATED TOTAL RATE ADJUSTMENT | \$7.354 | -\$0.003411 | 7 |
| 8 | ESTIMATED AVERAGE BILLING UNITS (f) | 38,303 | 18,303,051 | 8 |
| 9 | ESTIMATED INCREMENTAL CHANGE IN PURCHASED POWER COST (g) | \$281,680.26 | (\$62,431.71) | 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)

= 0.9481376

(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

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) | Apr-17 | May-17 | Jun-17 | | | 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 | 39.758% | 33.970% | 15,228.6 | 6,217,632 | \$111,991.42 | (\$21,208.35) | \$90,783.07 | 1 |
| 2 | CS Single | 9.003% | 6.747% | 3,448.5 | 1,234,898 | \$25,360.01 | (\$4,212.24) | \$21,147.77 | 2 |
| 3 | CS 3-Ph | 0.746% | 0.680% | 285.8 | 124,504 | \$2,101.96 | (\$424.68) | \$1,677.28 | 3 |
| 4 | MS | 0.448% | 0.484% | 171.6 | 88,644 | \$1,262.09 | (\$302.37) | \$959.72 | 4 |
| 5 | PPL | 41.841% | 48.418% | 16,026.2 | 8,862,050 | \$117,856.54 | (\$30,228.45) | \$87,628.09 | 5 |
| 6 | SGP | 7.223% | 8.928% | 2,766.6 | 1,634,109 | \$20,345.57 | (\$5,573.95) | \$14,771.62 | 6 |
| 7 | | 0.000% | 0.000% | 0.0 | 0 | \$0.00 | \$0.00 | \$0.00 | 7 |
| 8 | OL & SL | 0.981% | 0.772% | 375.7 | 141,213 | \$2,762.66 | (\$481.68) | \$2,280.98 | 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% | 38,303.0 | 18,303,050 | \$281,680.26 | (\$62,431.71) | \$219,248.55 | 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:

Apr-17 May-17 Jun-17

| 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 | \$11,571.66 | (\$140.73) | \$123,563.08 | (\$21,349.08) | \$102,214.00 | 0.019873 | (0.003434) | 0.016439 | 1 |
| 2 | CS Single | \$1,703.00 | (\$17.49) | \$27,063.01 | (\$4,229.73) | \$22,833.28 | 0.021915 | (0.003425) | 0.018490 | 2 |
| 3 | CS 3-Ph | \$68.51 | (\$0.25) | \$2,170.47 | (\$424.93) | \$1,745.54 | 0.017433 | (0.003413) | 0.014020 | 3 |
| 4 | MS | \$117.44 | (\$1.93) | \$1,379.53 | (\$304.30) | \$1,075.23 | 0.015563 | (0.003433) | 0.012130 | 4 |
| 5 | PPL | (\$13,650.66) | \$6.06 | \$104,205.88 | (\$30,222.39) | \$73,983.49 | 0.011759 | (0.003410) | 0.008348 | 5 |
| 6 | SGP | \$503.21 | (\$0.04) | \$20,848.78 | (\$5,573.99) | \$15,274.79 | 0.012758 | (0.003411) | 0.009347 | |
| 7 | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.000000 | 0.000000 | 0.000000 | 6 |
| 8 | OL & SL | (\$607.21) | \$14.68 | \$2,155.45 | (\$467.00) | \$1,688.45 | 0.015264 | (0.003307) | 0.011957 | 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 | (\$294.05) | (\$139.69) | \$281,386.21 | (\$62,571.40) | \$218,814.81 | 0.015374 | (0.003419) | 0.011955 | 10 |

(a) Exhibit IV, Page 4 of 7, Columns D and E divided by (1 - loss factor)(.986) = 0.9481376

(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

| LINE NO. | DESCRIPTION | Oct-2016 | Nov-2016 | Dec-2016 | LINE NO. |
|-------------|--|----------|--------------------------|--------------------------|-------------|
| | | | | | |
| | | | DEMAND RELATED (A) | ENERGY RELATED (B) | |
| 1 | INCREMENTAL CHANGE IN BASE RATE (a) | | \$5.703 | (\$0.0014990) | 1 |
| 2 | ACTUAL SAVINGS FROM DEDICATED CAPACITY PAYMENTS (b) | | \$0.000 | -- | 2 |
| 3 | ACTUAL PURCHASED POWER ENERGY COST ADJUSTMENT (c) | | \$0.038 | \$0.0012740 | 3 |
| 4 | TOTAL RATE ADJUSTMENT (d) | | \$5.741 | (\$0.0002250) | 4 |
| 5 | ACTUAL AVERAGE BILLING UNITS (e) | | 33,802 | 17,781,255 | 5 |
| 6 | ACTUAL INCREMENTAL CHANGE IN PURCHASED POWER COST (f) | | \$194,057.28 | (\$4,000.78) | 6 |

(a) Attachment 1, Page 1 of 3, Line 1 of Tracker filing for the three months of:
 Oct-2016 Nov-2016 Dec-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) Sum of Lines 1 through 4

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

(f) Line 5 times Line 6

LEBANON UTILITIES

RECONCILIATION OF VARIANCES FOR THE
THREE MONTHS OF:

Oct-2016 Nov-2016 Dec-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 | 39.758% | 33.970% | 13,439.1 | 6,040,376 | \$77,153.97 | (\$1,359.08) | \$75,794.89 | 1 |
| 2 | CS Single | 9.003% | 6.747% | 3,043.2 | 1,199,693 | \$17,471.21 | (\$269.93) | \$17,201.28 | 2 |
| 3 | CS 3-Ph | 0.746% | 0.680% | 252.2 | 120,955 | \$1,448.10 | (\$27.21) | \$1,420.89 | 3 |
| 4 | MS | 0.448% | 0.484% | 151.5 | 86,117 | \$869.49 | (\$19.38) | \$850.11 | 4 |
| 5 | PPL | 41.841% | 48.418% | 14,142.9 | 8,609,404 | \$81,194.62 | (\$1,937.11) | \$79,257.51 | 5 |
| 6 | SGP | 7.223% | 8.928% | 2,441.5 | 1,587,523 | \$14,016.62 | (\$357.19) | \$13,659.43 | 6 |
| 7 | | 0.000% | 0.000% | 0.0 | 0 | \$0.00 | \$0.00 | \$0.00 | 7 |
| 8 | OL & SL | 0.981% | 0.772% | 331.5 | 137,187 | \$1,903.27 | (\$30.87) | \$1,872.40 | 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% | 33,802.0 | 17,781,255 | \$194,057.28 | (\$4,000.78) | \$190,056.50 | 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) | Oct-2016 | Nov-2016 | Dec-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 | 5,331,609 | | 0.015749 | (0.000256) | \$82,791.96 | (\$1,345.78) | \$16,609.52 | (\$120.13) | 1 |
| 2 | CS Single | 1,089,855 | | 0.014546 | (0.000230) | \$15,631.09 | (\$247.16) | (\$225.44) | \$6.19 | 2 |
| 3 | CS 3-Ph | 115,983 | | 0.013025 | (0.000253) | \$1,489.53 | (\$28.93) | \$106.39 | (\$1.96) | 3 |
| 4 | MS | 75,820 | 0 | 0.010818 | (0.000243) | \$808.74 | (\$18.17) | \$50.60 | (\$0.61) | 4 |
| 5 | PPL | 8,341,080 | 22,144 | 3.300380 | (0.000229) | \$72,059.36 | (\$1,883.37) | (\$22,077.97) | \$59.49 | 5 |
| 6 | SGP | 1,536,531 | 0 | 0.009382 | (0.000245) | \$14,213.91 | (\$371.18) | \$674.40 | (\$14.03) | 6 |
| 7 | | 0 | 0 | 0.000000 | 0.000000 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 7 |
| 8 | OL & SL | 172,616 | 0 | 0.016549 | (0.000369) | \$2,816.63 | (\$62.80) | \$337.64 | (\$18.01) | 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 | 16,663,494 | 22,144 | | | \$189,811.22 | (\$3,957.39) | (\$4,524.86) | (\$89.06) | 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:

Oct-2016 Nov-2016 Dec-2016

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

Oct-2016 Nov-2016 Dec-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:

Oct-2016 Nov-2016 Dec-2016

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

Oct-2016 Nov-2016 Dec-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 | \$66,182.44 | (\$1,225.65) | \$64,956.79 | \$10,971.53 | (\$133.43) | \$10,838.10 | 1 |
| 2 | CS Single | \$15,856.53 | (\$253.35) | \$15,603.18 | \$1,614.68 | (\$16.58) | \$1,598.10 | 2 |
| 3 | CS 3-Ph | \$1,383.14 | (\$26.97) | \$1,356.17 | \$64.96 | (\$0.24) | \$64.72 | 3 |
| 4 | MS | \$758.14 | (\$17.55) | \$740.59 | \$111.35 | (\$1.83) | \$109.52 | 4 |
| 5 | PPL | \$94,137.33 | (\$1,942.86) | \$92,194.47 | (\$12,942.71) | \$5.75 | (\$12,936.96) | 5 |
| 6 | SGP | \$13,539.51 | (\$357.15) | \$13,182.36 | \$477.11 | (\$0.04) | \$477.07 | 6 |
| 7 | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 7 |
| 8 | OL & SL | \$2,478.99 | (\$44.79) | \$2,434.20 | (\$575.72) | \$13.92 | (\$561.80) | 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 | \$194,336.08 | (\$3,868.33) | \$190,467.75 | (\$278.80) | (\$132.44) | (\$411.24) | 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 | Oct-2016 | Nov-2016 | Dec-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) | 33,388 | 29,590 | 38,427 | 101,405 | 33,802 | 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 | Oct-2016 (A) | Nov-2016 (B) | Dec-2016 (C) | TOTAL (D) | ACTUAL 3 MONTH AVERAGE (E) | LINE NO. |
|-----------------------------------|------------------------|-----------------|-----------------|-----------------|--------------|-------------------------------------|----------|
| PURCHASED POWER FROM IMPA | | | | | | | |
| 1 | KW DEMAND (a) | 33,388 | 29,590 | 38,427 | 101,405 | 33,802 | 1 |
| 2 | KWH ENERGY (a) | 16,554,313 | 16,452,279 | 20,337,173 | 53,343,765 | 17,781,255 | 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) | \$1,268.74 | \$1,124.42 | \$1,460.23 | \$3,853.39 | \$1,284.46 | 4 |
| ENERGY RELATED | | | | | | | |
| 5 | ECA FACTOR PER KWH (a) | 0.001274 | 0.001274 | 0.001274 | | 0.001274 | 5 |
| 6 | CHARGE (c) | \$21,090.19 | \$20,960.20 | \$25,909.56 | \$67,959.96 | \$22,653.32 | 6 |

(a) From IMPA bills for the months of:

Oct-2016

Nov-2016

Dec-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 | Oct-2016 (A) | Nov-2016 (B) | Dec-2016 (C) | TOTAL (D) | AVERAGE (E) | LINE NO. |
|----------|---------------|-----------------|-----------------|-----------------|--------------|----------------|----------|
| 1 | RS | 5,990,387 | 4,481,782 | 5,522,659 | 15,994,828 | 5,331,609 | 1 |
| 2 | CS Single | 1,095,184 | 1,023,956 | 1,150,424 | 3,269,564 | 1,089,855 | 2 |
| 3 | CS 3-Ph | 108,548 | 109,365 | 130,035 | 347,948 | 115,983 | 3 |
| 4 | MS | 75,554 | 68,324 | 83,582 | 227,460 | 75,820 | 4 |
| 5 | PPL | 8,068,403 | 7,900,714 | 9,054,123 | 25,023,240 | 8,341,080 | 5 |
| 6 | SGP | 1,443,771 | 1,489,453 | 1,676,368 | 4,609,592 | 1,536,531 | 6 |
| 7 | | 0 | 0 | 0 | 0 | 0 | 7 |
| 8 | OL & SL | 160,648 | 171,305 | 185,896 | 517,849 | 172,616 | 8 |
| 9 | | 0 | 0 | 0 | 0 | 0 | 9 |
| 10 | | 0 | 0 | 0 | 0 | 0 | 10 |
| 11 | | | | | | | 11 |
| 12 | TOTAL | 16,942,495 | 15,244,899 | 17,803,087 | 49,990,481 | 16,663,494 | 12 |

DETERMINATION OF ACTUAL AVERAGE KW/KVA SALES

| | | Oct-2016 | Nov-2016 | Dec-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 | 22,445 | 21,795 | 22,191 | 66,431 | 22,144 | 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 | | 22,445 | 21,795 | 22,191 | 66,431 | 22,144 | 23 |

LEBANON MUNICIPAL ELECTRIC UTILITY
Lebanon, Indiana

Flat Rates Consumption Calculation
Oct-2016

| | | <u># of</u> <u>Customers</u> (a) | <u>kWh</u> <u>October</u> | <u>kWh</u> <u>Consumption</u> |
|-----------------------------|------------------------------|--|------------------------------|----------------------------------|
| <u>Security Lights</u> | | | | |
| 175 MV | EO1 | 509 | 92 | 46,828 |
| 250 MV | EO2 | 18 | 134 | 2,412 |
| 400 MV | EO3 | 26 | 208 | 5,408 |
| 100 HPS | EO4 | 11 | 46 | 506 |
| 200 HPS | EO5 | 68 | 88 | 5,984 |
| 400 HPS | EO6 | 26 | 184 | 4,784 |
| 150 HPS | EO7 | 43 | 67 | 2,881 |
| 250 HPS | EO8 | 7 | 116 | 812 |
| | | | | |
| <u>Street Lights</u> | | | | |
| 100 MV | EP1 | 27 | 51 | 1,377 |
| 175 MV | EP2 | 440 | 92 | 40,480 |
| 250 MV | EP3 | 79 | 134 | 10,586 |
| 100 HPS | EP5 | 55 | 46 | 2,530 |
| 200 HPS | EP6 | 197 | 88 | 17,336 |
| 400 HPS | EP7 | 55 | 184 | 10,120 |
| 150 HPS | EP8 | 73 | 67 | 4,891 |
| 250 HPS | EP9 | 29 | 116 | 3,364 |
| | | | | |
| <u>Flat Sales</u> | | | | |
| | Lebanon Utilities LS#3 (KFC) | 1 | | 250 |
| | Lebanon Bowling | 1 | | 99 |
| Total Flat Rate Consumption | | | | <u><u>160,648</u></u> |

LEBANON MUNICIPAL ELECTRIC UTILITY
Lebanon, Indiana

Flat Rates Consumption Calculation
Nov-2016

| | | <u># of</u> <u>Customers</u> (a) | <u>kWh</u> <u>November</u> | <u>kWh</u> <u>Consumption</u> |
|-----------------------------|------------------------------|--|-------------------------------|----------------------------------|
| <u>Security Lights</u> | | | | |
| 175 MV | EO1 | 509 | 98 | 49,882 |
| 250 MV | EO2 | 18 | 142 | 2,556 |
| 400 MV | EO3 | 26 | 221 | 5,746 |
| 100 HPS | EO4 | 11 | 49 | 539 |
| 200 HPS | EO5 | 68 | 95 | 6,460 |
| 400 HPS | EO6 | 26 | 196 | 5,096 |
| 150 HPS | EO7 | 43 | 71 | 3,053 |
| 250 HPS | EO8 | 7 | 123 | 861 |
| | | | | |
| <u>Street Lights</u> | | | | |
| 100 MV | EP1 | 27 | 55 | 1,485 |
| 175 MV | EP2 | 440 | 98 | 43,120 |
| 250 MV | EP3 | 79 | 142 | 11,218 |
| 100 HPS | EP5 | 55 | 49 | 2,695 |
| 200 HPS | EP6 | 197 | 95 | 18,715 |
| 400 HPS | EP7 | 55 | 196 | 10,780 |
| 150 HPS | EP8 | 73 | 71 | 5,183 |
| 250 HPS | EP9 | 29 | 123 | 3,567 |
| | | | | |
| <u>Flat Sales</u> | | | | |
| | Lebanon Utilities LS#3 (KFC) | 1 | | 250 |
| | Lebanon Bowling | 1 | | 99 |
| Total Flat Rate Consumption | | | | <u><u>171,305</u></u> |

LEBANON MUNICIPAL ELECTRIC UTILITY
Lebanon, Indiana

Flat Rates Consumption Calculation
Dec-2016

| | | <u># of</u> <u>Customers</u> (a) | <u>kWh</u> <u>December</u> | <u>kWh</u> <u>Consumption</u> |
|-----------------------------|------------------------------|--|-------------------------------|----------------------------------|
| <u>Security Lights</u> | | | | |
| 175 MV | EO1 | 511 | 106 | 54,166 |
| 250 MV | EO2 | 18 | 154 | 2,772 |
| 400 MV | EO3 | 26 | 238 | 6,188 |
| 100 HPS | EO4 | 11 | 54 | 594 |
| 200 HPS | EO5 | 68 | 103 | 7,004 |
| 400 HPS | EO6 | 26 | 213 | 5,538 |
| 150 HPS | EO7 | 45 | 77 | 3,465 |
| 250 HPS | EO8 | 7 | 134 | 938 |
| | | | | |
| <u>Street Lights</u> | | | | |
| 100 MV | EP1 | 27 | 59 | 1,593 |
| 175 MV | EP2 | 440 | 106 | 46,640 |
| 250 MV | EP3 | 79 | 154 | 12,166 |
| 100 HPS | EP5 | 55 | 54 | 2,970 |
| 200 HPS | EP6 | 197 | 103 | 20,291 |
| 400 HPS | EP7 | 55 | 213 | 11,715 |
| 150 HPS | EP8 | 73 | 77 | 5,621 |
| 250 HPS | EP9 | 29 | 134 | 3,886 |
| | | | | |
| <u>Flat Sales</u> | | | | |
| | Lebanon Utilities LS#3 (KFC) | 1 | | 250 |
| | Lebanon Bowling | 1 | | 99 |
| Total Flat Rate Consumption | | | | <u><u>185,896</u></u> |

LEBANON MUNICIPAL ELECTRIC UTILITY
Lebanon, Indiana

CALCULATION OF LINE LOSS FACTOR
FOR YEAR 2016

| Month | Metered kWh Sold | IMPA Metered kWh Purchased |
|---|------------------------|-------------------------------------|
| | <hr/> | <hr/> |
| January | 19,951,339 | 20,330,702 |
| February | 17,103,783 | 18,558,453 |
| March | 18,019,410 | 17,153,067 |
| April | 15,614,158 | 16,301,835 |
| May | 15,000,214 | 20,665,609 |
| June | 18,797,215 | 17,204,336 |
| July | 20,225,423 | 21,987,782 |
| August | 20,673,857 | 23,119,442 |
| September | 22,795,473 | 19,428,445 |
| October | 16,781,847 | 16,554,313 |
| November | 15,073,594 | 16,452,279 |
| December | 17,617,191 | 20,337,173 |
| | <hr/> | |
| Subtotal | 217,653,504 | |
| Unmetered Sales (From Ex VII, Col G) | 1,692,316 | |
| | <hr/> | <hr/> |
| Total | 219,345,820 | 228,093,436 |
| Estimated Losses kWh | | 8,747,616 |
| Line Loss as percent of total purchases | | 3.8351% |

**INDIANA MUNICIPAL POWER AGENCY
 ECA ESTIMATES FOR APRIL, MAY and JUNE
 2017 - 2ND QUARTER**

| | APR | MAY | JUN | APR | MAY | JUN |
|---|-------------|--------|--------|------------|------------|------------|
| | \$/kW-month | | | \$/kWh | | |
| IMPA's Energy Cost Adjustment | 0.416 | 0.416 | 0.416 | (0.001775) | (0.001775) | (0.001775) |
| | kW | | | kWh | | |
| To develop these Energy Cost Adjustment factors, IMPA used the following estimated loads for LEBANON | 30,571 | 39,456 | 44,883 | 16,776,767 | 17,052,111 | 21,080,276 |



IMPA

INDIANA MUNICIPAL POWER AGENCY

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

Due Date:
12/14/16

Amount Due:
\$1,302,627.45

Billing Period: October 1 to 31, 2016

Invoice No: INV0006868
Invoice Date: 11/14/16

| Demand | kW | kvar | Power Factor | Date | Time (EST) | Load Factor |
|--------------------|--------|-------|--------------|----------|------------|-------------|
| Maximum Demand: | 33,929 | 7,751 | 97.49% | 10/07/16 | 1400 | 65.58% |
| CP Billing Demand: | 33,388 | 6,962 | 97.89% | 10/06/16 | 1600 | 66.64% |
| kvar at 97% PF: | | 8,368 | | | | |
| Reactive Demand: | | - | | | | |

| Energy | kWh |
|----------------------|-------------------|
| Lebanon: | 11,880,092 |
| Lebanon Enterprise: | 4,674,221 |
| Total Energy: | 16,554,313 |

| History | Oct 2016 | Oct 2015 | 2016 YTD |
|-------------------------|------------|------------|-------------|
| Max Demand (kW): | 33,929 | 28,727 | 46,058 |
| CP Demand (kW): | 33,388 | 28,610 | 46,058 |
| Energy (kWh): | 16,554,313 | 15,788,036 | 191,303,984 |
| CP Load Factor: | 66.64% | 74.17% | |
| HDD/CDD (Indianapolis): | 170/45 | 258/14 | |

| Purchased Power Charges | Rate | Units | Charge |
|---|---------------------|------------|---|
| Base Demand Charge: | \$ 22.230 / kW x | 33,388 | \$ 742,215.24 |
| ECA Demand Charge: | \$ 0.038 / kW x | 33,388 | \$ 1,268.74 |
| Delivery Voltage Charge - 34.5 kV to 138 kV: | \$ 0.787 / kW x | 25,382 | \$ 19,975.63 |
| Delivery Voltage Charge - Less than 34.5 kV: | \$ 1.493 / kW x | 8,006 | \$ 11,952.96 |
| Total Demand Charges: | | | \$ 775,412.57 |
| Base Energy Charge: | \$ 0.030525 / kWh x | 16,554,313 | \$ 505,320.40 |
| ECA Energy Charge: | \$ 0.001274 / kWh x | 16,554,313 | \$ 21,090.19 |
| Total Energy Charges: | | | \$ 526,410.59 |
| Average Purchased Power Cost: 7.86 cents per kWh | | | Total Purchased Power Charges: \$ 1,301,823.16 |

| Other Charges and Credits | |
|---|-----------|
| Green Power Program - 89,366 kWh * \$0.009 per kWh: | \$ 804.29 |

NET AMOUNT DUE: \$ 1,302,627.45

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 12/14/16

Questions, please call: 317-573-9955

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



IMPA

INDIANA MUNICIPAL POWER AGENCY

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

Due Date:
01/13/17

Amount Due:
\$1,208,859.99

Billing Period: November 1 to 30, 2016

Invoice No: INV0007007
Invoice Date: 12/14/16

| Demand | kW | kvar | Power Factor | Date | Time (EST) | Load Factor |
|--------------------|--------|-------|--------------|----------|------------|-------------|
| Maximum Demand: | 29,660 | 2,615 | 99.61% | 11/21/16 | 900 | 77.04% |
| CP Billing Demand: | 29,590 | 2,586 | 99.62% | 11/21/16 | 800 | 77.22% |
| kvar at 97% PF: | | 7,416 | | | | |
| Reactive Demand: | | - | | | | |

| Energy | kWh |
|----------------------|-------------------|
| Lebanon: | 14,178,794 |
| Lebanon Enterprise: | 2,273,485 |
| Total Energy: | 16,452,279 |

| History | Nov 2016 | Nov 2015 | 2016 YTD |
|-------------------------|------------|------------|-------------|
| Max Demand (kW): | 29,660 | 29,370 | 46,058 |
| CP Demand (kW): | 29,590 | 28,987 | 46,058 |
| Energy (kWh): | 16,452,279 | 16,005,159 | 207,756,263 |
| CP Load Factor: | 77.22% | 76.69% | |
| HDD/CDD (Indianapolis): | 503/5 | 509/4 | |

| Purchased Power Charges | Rate | Units | Charge |
|---|---------------------|------------|---|
| Base Demand Charge: | \$ 22.230 / kW x | 29,590 | \$ 657,785.70 |
| ECA Demand Charge: | \$ 0.038 / kW x | 29,590 | \$ 1,124.42 |
| Delivery Voltage Charge - 34.5 kV to 138 kV: | \$ 0.787 / kW x | 25,592 | \$ 20,140.90 |
| Delivery Voltage Charge - Less than 34.5 kV: | \$ 1.493 / kW x | 3,998 | \$ 5,969.01 |
| Total Demand Charges: | | | \$ 685,020.03 |
| Base Energy Charge: | \$ 0.030525 / kWh x | 16,452,279 | \$ 502,205.82 |
| ECA Energy Charge: | \$ 0.001274 / kWh x | 16,452,279 | \$ 20,960.20 |
| Total Energy Charges: | | | \$ 523,166.02 |
| Average Purchased Power Cost: 7.34 cents per kWh | | | Total Purchased Power Charges: \$ 1,208,186.05 |

| Other Charges and Credits | |
|---|-----------|
| Green Power Program - 74,882 kWh * \$0.009 per kWh: | \$ 673.94 |

NET AMOUNT DUE: \$ 1,208,859.99

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 01/13/17

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:
02/15/17

Amount Due:
\$1,536,602.12

Billing Period: December 1 to 31, 2016

Invoice No: INV0007093
Invoice Date: 01/16/17

| Demand | kW | kvar | Power Factor | Date | Time (EST) | Load Factor |
|--------------------|--------|-------|--------------|----------|------------|-------------|
| Maximum Demand: | 38,427 | 5,506 | 98.99% | 12/19/16 | 900 | 71.13% |
| CP Billing Demand: | 38,427 | 5,506 | 98.99% | 12/19/16 | 900 | 71.13% |
| kvar at 97% PF: | | 9,631 | | | | |
| Reactive Demand: | | - | | | | |

| Energy | kWh |
|----------------------|-------------------|
| Lebanon: | 17,747,086 |
| Lebanon Enterprise: | 2,590,087 |
| Total Energy: | 20,337,173 |

| History | Dec 2016 | Dec 2015 | 2016 YTD |
|-------------------------|------------|------------|-------------|
| Max Demand (kW): | 38,427 | 30,626 | 46,058 |
| CP Demand (kW): | 38,427 | 30,169 | 46,058 |
| Energy (kWh): | 20,337,173 | 17,876,835 | 228,093,436 |
| CP Load Factor: | 71.13% | 79.64% | |
| HDD/CDD (Indianapolis): | 1068/0 | 685/0 | |

| Purchased Power Charges | Rate | Units | Charge |
|---|---------------------|------------|---|
| Base Demand Charge: | \$ 22.230 / kW x | 38,427 | \$ 854,232.21 |
| ECA Demand Charge: | \$ 0.038 / kW x | 38,427 | \$ 1,460.23 |
| Delivery Voltage Charge - 34.5 kV to 138 kV: | \$ 0.787 / kW x | 33,152 | \$ 26,090.62 |
| Delivery Voltage Charge - Less than 34.5 kV: | \$ 1.493 / kW x | 5,275 | \$ 7,875.58 |
| Total Demand Charges: | | | \$ 889,658.64 |
| Base Energy Charge: | \$ 0.030525 / kWh x | 20,337,173 | \$ 620,792.21 |
| ECA Energy Charge: | \$ 0.001274 / kWh x | 20,337,173 | \$ 25,909.56 |
| Total Energy Charges: | | | \$ 646,701.77 |
| Average Purchased Power Cost: 7.55 cents per kWh | | | Total Purchased Power Charges: \$ 1,536,360.41 |

| Other Charges and Credits | |
|---|-----------|
| Green Power Program - 26,857 kWh * \$0.009 per kWh: | \$ 241.71 |

NET AMOUNT DUE: \$ 1,536,602.12

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 02/15/17

Questions, please call: 317-573-9955

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