Received: July 26, 2018
IURC 30-Day Filing No.: 50213
Indiana Utility Regulatory Commission

Lebanon UTILITIES

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

July 26, 2018

***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 July 17, 2018. 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 October, November, and December 2018. The average residential customer using 800 kWh will see an increase on their bill of approximately $0.05 or 0.1%.

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

Matt Hutton

Attachments

General Form No. 99P (Revised 2009A)

ATTACH COPY OF ADVERTISEMENT HERE

**LEBANON UTILITIES**

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

Boone County, Indiana

**PUBLISHER'S CLAIM**

**LINE COUNT**

Display Master (Must not exceed two actual lines, neither of which shall total more 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**

48 lines, 1 columns wide equals

48 equivalent lines at 0.475 cents per line $ 22.78

(50 percent of above amount)
Charge for extra proofs of publication
($1.00 for each proof in excess of two)
**Total Amount of Claim** $ 22.78

**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 time. The date of publication being as follows:

July 17, 2018

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.

Date: 7/17/2018

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 | $0.007889 per kWh |
| Rate CS Single | $0.009654 per kWh |
| Rate CS 3-Ph | $0.006941 per kWh |
| Rate MS | $0.001328 per kWh |
| Rate PPL | $3.857373 per kVA |
| | $(0.004942) per kWh |
| Rate SGP | $0.003938 per kWh |
| Rate OL & SL | $0.010384 per kWh |

Applicable; October, November and December, 2018

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-430 7/17 hspaxlp 1463086

LEBANON MUNICIPAL ELECTRIC UTILITY
Lebanon, Indiana

Proposed Rate Adjustment Applicable to the 4th Quarter 2018
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 | $ | 0.007889 | per kWh |
| Rate CS Single | $ | 0.009654 | per kWh |
| Rate CS 3-Ph | $ | 0.006941 | per kWh |
| Rate MS | $ | 0.001328 | per kWh |
| Rate PPL | $ | 3.857373 | per kVA |
| | $ | (0.004942) | per kWh |
| Rate SGP | $ | 0.003938 | per kWh |
| Rate OL & SL | $ | 0.010384 | per kWh |

Applicable: October, November and December, 2018

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

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Indianapolis, IN 46204
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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) | $ 0.007889 | per KWH |
| Commercial Service Rate - Single Phase (CS Single) | $ 0.009654 | per KWH |
| Commercial Service Rate - Three Phase (CS 3-Ph) | $ 0.006941 | per KWH |
| Municipal Service Rate (MS) | $ 0.001328 | per KWH |
| Primary Power Light Rate (PPL) | $ 3.857373 | per KVA |
| | $ (0.004942) | per KWH |
| Small General Power Rate (SGP) | $ 0.003938 | per KWH |
| Outdoor Lighting and Street Lighting Rate (OL & SL) | $ 0.010384 | per KWH |

Applicable: October, November and December, 2018

**LEBANON MUNICIPAL ELECTRIC UTILITY**

**Lebanon, Indiana**

**Appendix B**

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

| | | | | |
|---|---|---|---|---|
| Residential Service Rate | RS | $ | 0.007889 | per KWH |
| Commercial Service Rate - Single Phase | CS Single | $ | 0.009654 | per KWH |
| Commercial Service Rate - Three Phase | CS 3-Ph | $ | 0.006941 | per KWH |
| Municipal Service Rate | MS | $ | 0.001328 | per KWH |
| Primary Power Light Rate | PPL | $ | 3.857373 | per KVA |
| | | $ | (0.004942) | per KWH |
| Small General Power Rate | SGP | $ | 0.003938 | per KWH |
| Outdoor Lighting and Street Lighting Rate | OL & SL | $ | 0.010384 | per KWH |

Average Change in Schedule of Rates:

| | | | | | |
|---|---|---|---|---|---|
| Residential Service Rate | RS | Increase | $ | 0.000059 | per KWH |
| Commercial Service Rate - Single Phase | CS Single | Decrease | $ | (0.001160) | per KWH |
| Commercial Service Rate - Three Phase | CS 3-Ph | Decrease | $ | (0.001753) | per KWH |
| Municipal Service Rate | MS | Decrease | $ | (0.004926) | per KWH |
| Primary Power Light Rate | PPL | Increase | $ | 0.186444 | per KVA |
| | | Increase | $ | 0.000281 | per KWH |
| Small General Power Rate | SGP | Decrease | $ | (0.001261) | per KWH |
| Outdoor Lighting and Street Lighting Rate | OL & SL | Increase | $ | 0.000629 | per KWH |

Applicable: October, November and December, 2018

Exhibit I

LEBANON UTILITIES

DETERMINATION OF INCREMENTAL CHANGE IN BASE RATE

| LINE NO. | DESCRIPTION | | | DEMAND RELATED | ENERGY RELATED | LINE NO. |
|---|---|---|---|---|---|---|
| 1 | BASE RATE EFFECTIVE | 01-Jan-18 | (a) | $23.777 | $0.031875 | 1 |
| 2 | BASE RATE EFFECTIVE | 12-Sep-12 | (b) | $17.462 | $0.032024 | 2 |
| 3 | INCREMENTAL CHANGE IN BASE RATE (c) | | | $6.315 | ($0.000149) | 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

Exhibit II

LEBANON UTILITIES

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

Oct-18 Nov-18 Dec-18

| 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) | 32,947 | | 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

Exhibit III

LEBANON UTILITIES

ESTIMATION OF ENERGY COST ADJUSTMENT
FOR THE THREE MONTHS OF:

Oct-18 Nov-18 Dec-18

| LINE NO. | DESCRIPTION | Oct-18 (A) | Nov-18 (B) | Dec-18 (C) | TOTAL (D) | ESTIMATED 3 MONTH AVERAGE (E) | LINE NO. |
|---|---|---|---|---|---|---|---|
| | PURCHASED POWER FROM IMPA | | | | | | |
| 1 | KW DEMAND | 33,779 | 27,007 | 38,055 | 98,841 | 32,947 | 1 |
| 2 | KWH ENERGY | 16,778,164 | 16,731,899 | 19,992,101 | 53,502,164 | 17,834,055 | 2 |
| | INCREMENTAL PURCHASED POWER COSTS | | | | | | |
| | DEMAND RELATED | | | | | | |
| 3 | ECA FACTOR PER KW | (0.939) | (0.939) | (0.939) | | (0.939) | 3 |
| 4 | CHARGE (a) | ($31,718.48) | ($25,359.57) | ($35,733.65) | ($92,811.70) | ($30,937.23) | 4 |
| | ENERGY RELATED | | | | | | |
| 5 | ECA FACTOR PER KWH | (0.004650) | (0.004650) | (0.004650) | | (0.004650) | 5 |
| 6 | CHARGE (b) | ($78,018.46) | ($77,803.33) | ($92,963.27) | ($248,785.06) | ($82,928.35) | 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: October, November, and December
2018

| LINE NO. | Demand Related Adjustment Factors | | | | |
|---|---|---|---|---|---|
| | Rate PPL | | | | |
| 1 | From Attachment B, Page 3 of 3, Column C, Line 5 | | | $72,330.94 | |
| 2 | From Attachment B, Page 2 of 3, Column C, Line 5 | | | 14,261.90 | kW |
| 3 | LIne 1 divided by Line 2 | | $ | 5.071620 | |
| 4 | Line 3 multiplied by | 76.058% * | $ | 3.857373 | |
| 5 | Demand Related Rate Adjustment Factor | | **$** | **3.857373** | per KVA |

* Average Power Factor for PPL class.

LEBANON UTILITIES

DETERMINATION OF RATE ADJUSTMENT FOR THE
THREE MONTHS OF
Oct-18 Nov-18 Dec-18

| LINE NO. | DESCRIPTION | DEMAND RELATED (A) | ENERGY RELATED (B) | LINE NO. |
|---|---|---|---|---|
| 1 | INCREMENTAL CHANGE IN BASE RATE (a) | $6.315 | ($0.000149) | 1 |
| 2 | ESTIMATED SAVINGS (LOSS) FROM DEDICATED CAPACITY PAYMENTS (b) | $0.000 | -- | 2 |
| 3 | ESTIMATED PURCHASED POWER ENERGY COST ADJUSTMENT (c) | ($0.939) | ($0.004650) | 3 |
| 4 | ESTIMATED TOTAL CHANGE IN PURCHASED POWER RATE | $5.376 | ($0.004799) | 4 |
| 5 | EST CHANGE IN PURCHASED POWER RATE ADJ FOR LOSSES & GR INCOME TAX (d) | $5.630 | ($0.005025) | 5 |
| 6 | PLUS TRACKING FACTOR EFFECTIVE PRIOR TO JANUARY 27, 1983 (e) | $0.000 | $0.000000 | 6 |
| 7 | ESTIMATED TOTAL RATE ADJUSTMENT | $5.630 | ($0.005025) | 7 |
| 8 | ESTIMATED AVERAGE BILLING UNITS (f) | 32,947 | 17,834,055 | 8 |
| 9 | ESTIMATED INCREMENTAL CHANGE IN PURCHASED POWER COST (g) | $185,491.61 | ($89,616.13) | 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) = 0.954941
(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:

Oct-18 Nov-18 Dec-18

| 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 | RS | 38.991% | 33.183% | 12,846.3 | 5,917,791 | $72,324.75 | ($29,736.90) | $42,587.85 | 1 |
| 2 | CS Single | 8.703% | 6.496% | 2,867.3 | 1,158,480 | $16,142.64 | ($5,821.36) | $10,321.28 | 2 |
| 3 | CS 3-Ph | 0.722% | 0.656% | 238.0 | 116,981 | $1,340.06 | ($587.83) | $752.23 | 3 |
| 4 | MS | 0.440% | 0.474% | 144.9 | 84,470 | $816.04 | ($424.46) | $391.58 | 4 |
| 5 | PPL | 43.287% | 49.894% | 14,261.9 | 8,898,109 | $80,294.31 | ($44,713.00) | $35,581.31 | 5 |
| 6 | SGP | 7.019% | 8.642% | 2,312.6 | 1,541,148 | $13,019.69 | ($7,744.27) | $5,275.42 | 6 |
| 7 | | 0.000% | 0.000% | 0.0 | 0 | $0.00 | $0.00 | $0.00 | 7 |
| 8 | OL & SL | 0.838% | 0.656% | 276.0 | 117,076 | $1,554.12 | ($588.31) | $965.81 | 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% | 32,947.0 | 17,834,055 | $185,491.61 | ($89,616.13) | $95,875.48 | 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:

Oct-18 Nov-18 Dec-18

| LINE NO. | RATE SCHEDULE | PLUS VARIANCE (a) DEMAND (A) | ENERGY (B) | TOTAL CHANGE IN PURCHASED POWER COST ADJ FOR LINE LOSSES & GROSS RECEIPTS TAX DEMAND (b) (C) | ENERGY (c) (D) | TOTAL (E) | RATE ADJUSTMENT FACTOR PER KWH (d) DEMAND (F) | ENERGY (G) | TOTAL (H) | LINE NO. |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | RS | $6,299.94 | ($2,202.95) | $78,624.69 | ($31,939.85) | $46,684.84 | 0.013286 | (0.005397) | 0.007889 | 1 |
| 2 | CS Single | $1,238.63 | ($376.02) | $17,381.27 | ($6,197.38) | $11,183.89 | 0.015004 | (0.005350) | 0.009654 | 2 |
| 3 | CS 3-Ph | $94.90 | ($35.20) | $1,434.96 | ($623.03) | $811.92 | 0.012267 | (0.005326) | 0.006941 | 3 |
| 4 | MS | ($504.32) | $224.89 | $311.72 | ($199.57) | $112.15 | 0.003690 | (0.002363) | 0.001328 | 4 |
| 5 | PPL | ($7,963.37) | $737.23 | $72,330.94 | ($43,975.77) | $28,355.17 | 0.008129 | (0.004942) | 0.003187 | 5 |
| 6 | SGP | $1,612.37 | ($819.40) | $14,632.06 | ($8,563.67) | $6,068.39 | 0.009494 | (0.005557) | 0.003938 | |
| 7 | | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | 0.000000 | 0.000000 | 0.000000 | 6 |
| 8 | OL & SL | $391.75 | ($141.83) | $1,945.87 | ($730.14) | $1,215.74 | 0.016621 | (0.006236) | 0.010384 | 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 | $1,169.91 | ($2,613.28) | $186,661.52 | ($92,229.41) | $94,432.10 | 0.010467 | (0.005172) | 0.005295 | 10 |

(a) Exhibit IV, Page 4 of 7, Columns D and E divided by (1 - loss factor)(.986) = 0.954941
(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

Apr-2018 May-2018 Jun-2018

| LINE NO. | DESCRIPTION | DEMAND RELATED (A) | ENERGY RELATED (B) | LINE NO. |
|---|---|---|---|---|
| 1 | INCREMENTAL CHANGE IN BASE RATE (a) | $6.315 | ($0.000149) | 1 |
| 2 | ACTUAL SAVINGS FROM DEDICATED CAPACITY PAYMENTS (b) | $0.000 | -- | 2 |
| 3 | ACTUAL PURCHASED POWER ENERGY COST ADJUSTMENT (c) | ($0.939) | ($0.004650) | 3 |
| 4 | TOTAL RATE ADJUSTMENT (d) | $5.376 | ($0.004799) | 4 |
| 5 | ACTUAL AVERAGE BILLING UNITS (e) | 39,916 | 19,573,562 | 5 |
| 6 | ACTUAL INCREMENTAL CHANGE IN PURCHASED POWER COST (f) | $214,588.42 | ($93,933.52) | 6 |

(a) Attachment 1, Page 1 of 3, Line 1 of Tracker filing for the three months of:
Apr-2018 May-2018 Jun-2018

(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:

Apr-2018 May-2018 Jun-2018

| 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 DEMAND (d) | ENERGY (e) | TOTAL | LINE NO. |
|---|---|---|---|---|---|---|---|---|---|
| | | (A) | (B) | (C) | (D) | (E) | (F) | (G) | |
| 1 | RS | 38.991% | 33.183% | 15,563.6 | 6,495,004 | $83,669.84 | ($31,169.52) | $52,500.32 | 1 |
| 2 | CS Single | 8.703% | 6.496% | 3,473.7 | 1,271,476 | $18,674.82 | ($6,101.82) | $12,573.00 | 2 |
| 3 | CS 3-Ph | 0.722% | 0.656% | 288.4 | 128,391 | $1,550.27 | ($616.15) | $934.12 | 3 |
| 4 | MS | 0.440% | 0.474% | 175.6 | 92,709 | $944.04 | ($444.91) | $499.13 | 4 |
| 5 | PPL | 43.287% | 49.894% | 17,278.6 | 9,766,017 | $92,889.54 | ($46,867.11) | $46,022.43 | 5 |
| 6 | SGP | 7.019% | 8.642% | 2,801.7 | 1,691,469 | $15,062.00 | ($8,117.36) | $6,944.64 | 6 |
| 7 | | 0.000% | 0.000% | 0.0 | 0 | $0.00 | $0.00 | $0.00 | 7 |
| 8 | OL & SL | 0.838% | 0.656% | 334.4 | 128,495 | $1,797.91 | ($616.65) | $1,181.26 | 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% | 39,916.0 | 19,573,562 | $214,588.42 | ($93,933.52) | $120,654.90 | 12 |

(a) Adjusted allocators from Exhibit VII Rows (14) and (19) for the year 1900
(b) Exhibit IV, Page 6 of 7, Column E, Line 1 times Exhibit IV, Page 2 of 7, Column A
(c) Exhibit IV, Page 6 of 7, Column E, Line 2 times Exhibit IV, Page 2 of 7, Column B
(d) Exhibit IV, Page 1 of 7, Column A, Line 7 times Exhibit IV, Page 2 of 7, Column A
(e) Exhibit IV, Page 1 of 7, Column B, Line 7 times Exhibit IV, Page 2 of 7, Column B

LEBANON UTILITIES

RECONCILIATION OF VARIANCES FOR THE
THREE MONTHS OF:

Apr-2018 May-2018 Jun-2018

| LINE NO. | RATE SCHEDULE | ACTUAL AVERAGE KWH SALES (a) (A) | ACTUAL AVERAGE KVA SALES (a) (A) | DEMAND ADJUSTMENT FACTOR PER KWH (b) (B) | ENERGY ADJUSTMENT FACTOR PER KWH (c) (C) | INCREMENTAL KW DEMAND COST BILLED BY MEMBER (d) (D) | INCREMENTAL KWH ENERGY COST BILLED BY MEMBER (e) (E) | LESS PREVIOUS VARIANCE FOR MONTHS LISTED ABOVE DEMAND (f) (F) | LESS PREVIOUS VARIANCE FOR MONTHS LISTED ABOVE ENERGY (g) (G) | LINE NO. |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | RS | 5,861,963 | | 0.014745 | (0.005225) | $85,224.56 | ($30,199.95) | $7,570.79 | ($1,134.12) | 1 |
| 2 | CS Single | 1,158,891 | | 0.015890 | (0.005042) | $18,156.97 | ($5,761.32) | $664.97 | ($18.58) | 2 |
| 3 | CS 3-Ph | 117,461 | | 0.013621 | (0.005182) | $1,577.54 | ($600.16) | $117.89 | ($17.63) | 3 |
| 4 | MS | 130,596 | 0 | 0.011870 | (0.005289) | $1,528.47 | ($681.05) | $102.84 | ($21.39) | 4 |
| 5 | PPL | 9,591,970 | 24,892 | 3.320406 | (0.005075) | $81,495.52 | ($47,997.74) | ($18,998.57) | ($426.62) | 5 |
| 6 | SGP | 1,480,973 | 0 | 0.010086 | (0.005195) | $14,727.97 | ($7,585.94) | $1,205.69 | ($251.06) | 6 |
| 7 | | 0 | 0 | 0.000000 | 0.000000 | $0.00 | $0.00 | $0.00 | $0.00 | 7 |
| 8 | OL & SL | 92,617 | 0 | 0.010133 | (0.003965) | $925.35 | ($362.09) | ($498.46) | $119.13 | 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 | 18,434,471 | 24,892 | | | $203,636.38 | ($93,188.26) | ($9,834.85) | ($1,750.27) | 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: | Apr-2018 | May-2018 | Jun-2018 |
| (c) Page 3 of 3, Column G of Tracker Filing for the three months of: | Apr-2018 | May-2018 | Jun-2018 |
| (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: | Apr-2018 | May-2018 | Jun-2018 |
| (g) Exhibit IV, Page 4 of 7, Column E of Tracker Filing for the months of : | Apr-2018 | May-2018 | Jun-2018 |

LEBANON UTILITIES

RECONCILIATION OF VARIANCES FOR THE
THREE MONTHS OF:

Apr-2018 May-2018 Jun-2018

| LINE NO. | RATE SCHEDULE | NET INCREMENTAL COST BILLED BY MEMBER DEMAND (a) | ENERGY (b) | TOTAL | VARIANCE DEMAND (c) | ENERGY (c) | TOTAL (c) | LINE NO. |
|---|---|---|---|---|---|---|---|---|
| | | (A) | (B) | (C) | (D) | (E) | (F) | |
| 1 | RS | $77,653.77 | ($29,065.83) | $48,587.94 | $6,016.07 | ($2,103.69) | $3,912.38 | 1 |
| 2 | CS Single | $17,492.00 | ($5,742.74) | $11,749.26 | $1,182.82 | ($359.08) | $823.74 | 2 |
| 3 | CS 3-Ph | $1,459.65 | ($582.53) | $877.12 | $90.62 | ($33.62) | $57.00 | 3 |
| 4 | MS | $1,425.63 | ($659.66) | $765.97 | ($481.59) | $214.75 | ($266.84) | 4 |
| 5 | PPL | $100,494.09 | ($47,571.12) | $52,922.97 | ($7,604.55) | $704.01 | ($6,900.54) | 5 |
| 6 | SGP | $13,522.28 | ($7,334.88) | $6,187.40 | $1,539.72 | ($782.48) | $757.24 | 6 |
| 7 | | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | 7 |
| 8 | OL & SL | $1,423.81 | ($481.22) | $942.59 | $374.10 | ($135.43) | $238.67 | 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 | $213,471.23 | ($91,437.99) | $122,033.24 | $1,117.19 | ($2,495.53) | ($1,378.34) | 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 | Apr-2018<br>January<br>(A) | May-2018<br>January<br>(B) | Jun-2018<br>January<br>(C) | TOTAL<br>(D) | AVERAGE<br>(E) | LINE NO. |
|---|---|---|---|---|---|---|---|
| 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) | 30,308 | 42,336 | 47,104 | 119,748 | 39,916 | 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 | Apr-2018 (A) | May-2018 (B) | Jun-2018 (C) | TOTAL (D) | ACTUAL 3 MONTH AVERAGE (E) | LINE NO. |
|---|---|---|---|---|---|---|---|
| | PURCHASED POWER FROM IMPA | | | | | | |
| 1 | KW DEMAND (a) | 30,308 | 42,336 | 47,104 | 119,748 | 39,916 | 1 |
| 2 | KWH ENERGY (a) | 17,060,490 | 19,928,068 | 21,732,128 | 58,720,686 | 19,573,562 | 2 |
| | INCREMENTAL PURCHASED POWER COSTS | | | | | | |
| | DEMAND RELATED | | | | | | |
| 3 | ECA FACTOR PER KW (a) | (0.939) | (0.939) | (0.939) | | (0.939) | 3 |
| 4 | CHARGE (b) | ($28,459.21) | ($39,753.50) | ($44,230.66) | ($112,443.37) | ($37,481.12) | 4 |
| | ENERGY RELATED | | | | | | |
| 5 | ECA FACTOR PER KWH (a) | (0.004650) | (0.004650) | (0.004650) | | (0.004650) | 5 |
| 6 | CHARGE (c) | ($79,331.28) | ($92,665.52) | ($101,054.40) | ($273,051.19) | ($91,017.06) | 6 |

(a) From IMPA bills for the months of: Apr-2018 May-2018 Jun-2018
(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 | | Apr-2018 (A) | May-2018 (B) | Jun-2018 (C) | TOTAL (D) | AVERAGE (E) | LINE NO. |
|---|---|---|---|---|---|---|---|---|
| 1 | RS | | 5,937,634 | 5,103,846 | 6,544,409 | 17,585,889 | 5,861,963 | 1 |
| 2 | CS Single | | 1,150,824 | 1,068,234 | 1,257,616 | 3,476,674 | 1,158,891 | 2 |
| 3 | CS 3-Ph | | 114,126 | 108,574 | 129,682 | 352,382 | 117,461 | 3 |
| 4 | MS | | 112,425 | 183,981 | 95,383 | 391,789 | 130,596 | 4 |
| 5 | PPL | | 8,738,973 | 9,366,386 | 10,670,552 | 28,775,911 | 9,591,970 | 5 |
| 6 | SGP | | 1,383,089 | 1,398,227 | 1,661,603 | 4,442,919 | 1,480,973 | 6 |
| 7 | | | 0 | 0 | 0 | 0 | 0 | 7 |
| 8 | OL & SL | | 104,566 | 93,100 | 80,184 | 277,850 | 92,617 | 8 |
| 9 | | | 0 | 0 | 0 | 0 | 0 | 9 |
| 10 | | | 0 | 0 | 0 | 0 | 0 | 10 |
| 11 | | | | | | | | 11 |
| 12 | TOTAL | | 17,541,637 | 17,322,348 | 20,439,429 | 55,303,414 | 18,434,471 | 12 |

DETERMINATION OF ACTUAL AVERAGE KW/KVA SALES

| | | | Apr-2018 | May-2018 | Jun-2018 | TOTAL | AVERAGE | |
|---|---|---|---|---|---|---|---|---|
| 13 | | | 0 | 0 | 0 | 0 | 0 | 13 |
| 14 | | | 0 | 0 | 0 | 0 | 0 | 14 |
| 15 | | | 0 | 0 | 0 | 0 | 0 | 15 |
| 16 | | | 0 | 0 | 0 | 0 | 0 | 16 |
| 17 | PPL | NCP | 23,469 | 25,207 | 26,001 | 74,677 | 24,892 | 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 | | | 23,469 | 25,207 | 26,001 | 74,677 | 24,892 | 23 |

# LEBANON MUNICIPAL ELECTRIC UTILITY

**Lebanon, Indiana**

Flat Rates Consumption Calculation
**Apr-2018**

| | | # of Customers (a) | kWh April | kWh Consumption |
|---|---|---|---|---|
| Security Lights | | | | |
| 175 MV | EO1 | 510 | 71 | 36,210 |
| 250 MV | EO2 | 21 | 102 | 2,142 |
| 400 MV | EO3 | 26 | 159 | 4,134 |
| 100 HPS | EO4 | 11 | 35 | 385 |
| 200 HPS | EO5 | 68 | 69 | 4,692 |
| 400 HPS | EO6 | 26 | 142 | 3,692 |
| 150 HPS | EO7 | 57 | 51 | 2,907 |
| 250 HPS | EO8 | 8 | 89 | 712 |
| Street Lights | | | | |
| 100 MV | EP1 | 0 | 40 | 0 |
| 175 MV | EP2 | 168 | 71 | 11,928 |
| 250 MV | EP3 | 0 | 102 | 0 |
| 100 HPS | EP5 | 0 | 35 | 0 |
| 200 HPS | EP6 | 180 | 69 | 12,420 |
| 400 HPS | EP7 | 15 | 142 | 2,130 |
| 150 HPS | EP8 | 14 | 51 | 714 |
| 250 HPS | EP9 | 26 | 89 | 2,314 |
| 65 LED | | 184 | 19 | 3,496 |
| 95 LED | | 178 | 28 | 4,984 |
| 142 LED | | 277 | 41 | 11,357 |
| Flat Sales | | | | |
| Lebanon Utilities LS#3 (KFC) | | 1 | | 250 |
| Lebanon Bowling | | 1 | | 99 |
| Total Flat Rate Consumption | | | | 104,566 |

# LEBANON MUNICIPAL ELECTRIC UTILITY

**Lebanon, Indiana**

## Flat Rates Consumption Calculation

**May-2018**

| | | # of Customers (a) | kWh May | kWh Consumption |
|---|---|---|---|---|
| Security Lights | | | | |
| 175 MV | EO1 | 510 | 63 | 32,130 |
| 250 MV | EO2 | 21 | 91 | 1,911 |
| 400 MV | EO3 | 26 | 141 | 3,666 |
| 100 HPS | EO4 | 11 | 31 | 341 |
| 200 HPS | EO5 | 68 | 61 | 4,148 |
| 400 HPS | EO6 | 26 | 126 | 3,276 |
| 150 HPS | EO7 | 58 | 46 | 2,668 |
| 250 HPS | EO8 | 8 | 79 | 632 |
| Street Lights | | | | |
| 100 MV | EP1 | 0 | 35 | 0 |
| 175 MV | EP2 | 168 | 63 | 10,584 |
| 250 MV | EP3 | 0 | 91 | 0 |
| 100 HPS | EP5 | 0 | 31 | 0 |
| 200 HPS | EP6 | 180 | 61 | 10,980 |
| 400 HPS | EP7 | 15 | 126 | 1,890 |
| 150 HPS | EP8 | 14 | 46 | 644 |
| 250 HPS | EP9 | 26 | 79 | 2,054 |
| 65 LED | | 184 | 17 | 3,128 |
| 95 LED | | 178 | 25 | 4,450 |
| 142 LED | | 277 | 37 | 10,249 |
| Flat Sales | | | | |
| Lebanon Utilities LS#3 (KFC) | | 1 | | 250 |
| Lebanon Bowling | | 1 | | 99 |
| Total Flat Rate Consumption | | | | 93,100 |

# LEBANON MUNICIPAL ELECTRIC UTILITY

**Lebanon, Indiana**

Flat Rates Consumption Calculation

**Jun-2018**

| | | # of Customers (a) | kWh June | kWh Consumption |
|---|---|---|---|---|
| Security Lights | | | | |
| 175 MV | EO1 | 510 | 54 | 27,540 |
| 250 MV | EO2 | 21 | 79 | 1,659 |
| 400 MV | EO3 | 26 | 122 | 3,172 |
| 100 HPS | EO4 | 11 | 27 | 297 |
| 200 HPS | EO5 | 68 | 53 | 3,604 |
| 400 HPS | EO6 | 26 | 109 | 2,834 |
| 150 HPS | EO7 | 58 | 39 | 2,262 |
| 250 HPS | EO8 | 8 | 68 | 544 |
| Street Lights | | | | |
| 100 MV | EP1 | 0 | 30 | 0 |
| 175 MV | EP2 | 168 | 54 | 9,072 |
| 250 MV | EP3 | 0 | 79 | 0 |
| 100 HPS | EP5 | 0 | 27 | 0 |
| 200 HPS | EP6 | 180 | 53 | 9,540 |
| 400 HPS | EP7 | 15 | 109 | 1,635 |
| 150 HPS | EP8 | 14 | 39 | 546 |
| 250 HPS | EP9 | 26 | 68 | 1,768 |
| 65 LED | | 184 | 15 | 2,760 |
| 95 LED | | 178 | 21 | 3,738 |
| 142 LED | | 277 | 32 | 8,864 |
| Flat Sales | | | | |
| Lebanon Utilities LS#3 (KFC) | | 1 | | 250 |
| Lebanon Bowling | | 1 | | 99 |
| Total Flat Rate Consumption | | | | 80,184 |

# LEBANON MUNICIPAL ELECTRIC UTILITY

**Lebanon, Indiana**

## CALCULATION OF LINE LOSS FACTOR
## FOR YEAR 2017

| Month | Metered kWh Sold | IMPA Metered kWh Purchased |
|---|---|---|
| January | 19,897,899 | 19,880,850 |
| February | 18,260,267 | 16,659,897 |
| March | 16,511,433 | 18,106,812 |
| April | 16,165,359 | 15,723,071 |
| May | 16,183,005 | 17,317,795 |
| June | 17,400,434 | 19,965,704 |
| July | 19,867,978 | 21,870,773 |
| August | 21,075,665 | 20,765,946 |
| September | 18,937,338 | 18,559,534 |
| October | 17,546,945 | 17,257,823 |
| November | 15,868,293 | 17,109,214 |
| December | 17,024,098 | 19,977,869 |
| Subtotal | 214,738,714 | |
| Unmetered Sales (From Ex VII, Col G) | 1,419,016 | |
| Total | 216,157,730 | 223,195,288 |
| Estimated Losses kWh | | 7,037,558 |
| Line Loss as percent of total purchases | | 3.1531% |

Exhibit VII

# 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 2017 | | 7,660,966 | 1,268,686 | 114,615 | 92,972 | 9,142,097 | 1,618,563 | 151,317 | 20,049,216 |
| 2 | February | | 6,818,390 | 1,211,192 | 112,618 | 99,141 | 8,445,461 | 1,573,465 | 126,269 | 18,386,536 |
| 3 | March | | 5,152,895 | 1,019,944 | 104,318 | 76,484 | 8,698,734 | 1,459,058 | 126,225 | 16,637,658 |
| 4 | April | | 5,248,151 | 1,046,364 | 109,007 | 78,631 | 8,291,525 | 1,391,681 | 103,719 | 16,269,078 |
| 5 | May | | 4,452,742 | 998,412 | 114,876 | 60,130 | 9,030,047 | 1,526,798 | 92,337 | 16,275,342 |
| 6 | June | | 5,513,770 | 1,168,395 | 127,265 | 91,856 | 8,977,140 | 1,522,008 | 79,534 | 17,479,968 |
| 7 | July | | 6,827,441 | 1,276,272 | 137,629 | 98,354 | 9,786,274 | 1,742,008 | 87,005 | 19,954,983 |
| 8 | August | | 7,482,388 | 1,381,925 | 142,791 | 103,846 | 10,129,682 | 1,835,033 | 101,787 | 21,177,452 |
| 9 | September | | 6,151,533 | 1,290,784 | 127,921 | 92,994 | 9,560,669 | 1,713,437 | 115,093 | 19,052,431 |
| 10 | October | | 5,499,067 | 1,190,893 | 123,734 | 80,819 | 9,045,266 | 1,607,166 | 134,902 | 17,681,847 |
| 11 | November | | 4,994,463 | 1,071,459 | 100,268 | 68,047 | 8,258,053 | 1,376,003 | 144,405 | 16,012,698 |
| 12 | December | | 5,924,807 | 1,117,036 | 102,830 | 80,544 | 8,484,614 | 1,314,267 | 156,423 | 17,180,521 |
| 13 | Total | | 71,726,613 | 14,041,362 | 1,417,872 | 1,023,818 | 107,849,562 | 18,679,487 | 1,419,016 | 216,157,730 |
| 14 | Percent of Total | (b) | **33.1825%** | **6.4959%** | **0.6559%** | **0.4736%** | **49.8939%** | **8.6416%** | **0.6565%** | **100.0000%** |
| 15 | kWh Energy Factors | (a) | 37.040% | 6.300% | 0.660% | 0.500% | 44.790% | 10.180% | 0.530% | **100.0000%** |
| 16 | Percent Variance | {c} | -10.414% | 3.109% | -0.615% | -5.271% | 11.395% | -15.112% | 23.863% | |
| 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) | 38.620% | 8.620% | 0.716% | 0.436% | 42.876% | 6.952% | 0.830% | 99.050% |
| 19 | Percent of Total | (e) | **38.99%** | **8.70%** | **0.72%** | **0.44%** | **43.29%** | **7.02%** | **0.84%** | **100.000%** |

(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 2017. Proposed kWh Energy allocator for year 2018.
{c} (Line 14/ Line 15)-1.
(d) (1+ Line 16) * Line 17.
(e) ( Line 18) / (Line 18, column H). Proposed kW Demand allocator for year 2018.

# INDIANA MUNICIPAL POWER AGENCY
# ECA ESTIMATES FOR OCTOBER, NOVEMBER and DECEMBER
# 2018 - 4TH QUARTER

| | OCT | NOV | DEC | OCT | NOV | DEC |
|---|---|---|---|---|---|---|
| | | $/kW-month | | | $/kWh | |
| IMPA's Energy Cost Adjustment | (0.939) | (0.939) | (0.939) | (0.004650) | (0.004650) | (0.004650) |
| To develop these Energy Cost Adjustment factors, IMPA used the following estimated loads for | | kW | | | kWh | |
| **LEBANON** | 33,779 | 27,007 | 38,055 | 16,778,164 | 16,731,899 | 19,992,101 |

**IMPA**
INDIANA MUNICIPAL POWER AGENCY

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

| Due Date: | Amount Due: |
|---|---|
| 6/13/2018 | $ 1,153,657.75 |

Invoice No: INV0008470
Invoice Date: 5/14/2018

**Billing Period: April 1 to 30, 2018**

**Summary of Charges**

| | | |
|---|---|---|
| Demand Charges: | $ | 687,646.88 |
| Energy Charges: | $ | 464,471.84 |
| Subtotal - Purchased Power Charges*: | $ | 1,152,118.72 |
| Other Charges and Credits: | $ | 1,539.03 |
| **Net Amount Due:** | **$** | **1,153,657.75** |

*Average Purchased Power Cost: 6.75 cents per kWh


| Due Date: | Amount Due: |
|---|---|
| 6/13/2018 | $ 1,153,657.75 |


To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 06/13/18
Questions, please call: 317-573-9955

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

**- OR -**

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

**Indiana Municipal Power Agency - Billing Detail**
**Lebanon Utilities**
Billing Period: April 1 to 30, 2018

| Due Date: | Amount Due: |
|---|---|
| 6/13/2018 | $ 1,153,657.75 |

## Demand

| Demand Information | kW | kvar | Power Factor | Date | Time (EST) | Load Factor |
|---|---|---|---|---|---|---|
| Maximum Demand: | 30,648 | 5,043 | 98.67% | 04/16/18 | 1500 | 77.31% |
| CP Billing Demand: | 30,308 | 4,539 | 98.90% | 04/04/18 | 1000 | 78.18% |
| kvar at 97% PF: | | 7,596 | | | | |
| Reactive Demand: | | - | | | | |

| Demand Charges | Rate | | Units | Charge |
|---|---|---|---|---|
| Base Demand Charge: | $ 23.614 | / kW x | 30,308 | $ 715,693.11 |
| ECA Demand Charge: | $ (0.939) | / kW x | 30,308 | $ (28,459.21) |
| Primary Voltage Charge - Less than 15 kV: | $ 0.988 | / kW x | 418 | $ 412.98 |
| **Total Demand Charges:** | | | | **$ 687,646.88** |

## Energy

| Energy Information | kWh |
|---|---|
| Lebanon: | 16,877,476 |
| Lebanon Enterprise: | 183,014 |
| Total Energy: | 17,060,490 |

| Energy Charges | Rate | | Units | Charge |
|---|---|---|---|---|
| Base Energy Charge: | $ 0.031875 | / kWh x | 17,060,490 | $ 543,803.12 |
| ECA Energy Charge: | $ (0.004650) | / kWh x | 17,060,490 | $ (79,331.28) |
| **Total Energy Charges:** | | | | **$ 464,471.84** |

## Other Charges and Credits

| Other Charges and Credits | |
|---|---|
| Green Power Program - 171,003 kWh * $0.009 per kWh: | $ 1,539.03 |
| **Total Other Charges and Credits:** | **$ 1,539.03** |

## History

| | Apr 2018 | Apr 2017 | 2018 YTD |
|---|---|---|---|
| Max Demand (kW): | 30,648 | 30,476 | 39,064 |
| CP Demand (kW): | 30,308 | 29,852 | 38,696 |
| Energy (kWh): | 17,060,490 | 15,723,071 | 75,875,847 |
| CP Load Factor: | 78.18% | 73.15% | |
| HDD/CDD (Indianapolis): | 544/7 | 190/30 | |

IMPA
INDIANA MUNICIPAL POWER AGENCY

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

| Due Date: | Amount Due: |
|---|---|
| 7/16/2018 | $ 1,507,515.39 |

| | |
|---|---|
| Invoice No: | INV0008550 |
| Invoice Date: | 6/14/2018 |

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

| Summary of Charges | | |
|---|---|---|
| Demand Charges: | $ | 964,766.74 |
| Energy Charges: | $ | 542,541.65 |
| Subtotal - Purchased Power Charges*: | $ | 1,507,308.39 |
| Other Charges and Credits: | $ | 207.00 |
| **Net Amount Due:** | **$** | **1,507,515.39** |

*Average Purchased Power Cost: 7.56 cents per kWh


| Due Date: | Amount Due: |
|---|---|
| 7/16/2018 | $ 1,507,515.39 |


To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 07/16/18
Questions, please call: 317-573-9955

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

**- OR -**

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

**Indiana Municipal Power Agency - Billing Detail**
**Lebanon Utilities**
Billing Period: May 1 to 31, 2018

| Due Date: | Amount Due: |
|---|---|
| 7/16/2018 | $ 1,507,515.39 |

## Demand

| Demand Information | kW | kvar | Power Factor | Date | Time (EST) | Load Factor |
|---|---|---|---|---|---|---|
| Maximum Demand: | 42,887 | 14,214 | 94.92% | 05/31/18 | 1500 | 62.45% |
| CP Billing Demand: | 42,336 | 14,055 | 94.91% | 05/29/18 | 1500 | 63.27% |
| kvar at 97% PF: | | 10,610 | | | | |
| Reactive Demand: | | 3,445 | | | | |

| Demand Charges | Rate | | Units | Charge |
|---|---|---|---|---|
| Base Demand Charge: | $ 23.614 | / kW x | 42,336 | $ 999,722.30 |
| ECA Demand Charge: | $ (0.939) | / kW x | 42,336 | $ (39,753.50) |
| Primary Voltage Charge - Less than 15 kV: | $ 0.988 | / kW x | 672 | $ 663.94 |
| Reactive Demand Charge: | $ 1.200 | / kvar x | 3,445 | $ 4,134.00 |
| **Total Demand Charges:** | | | | **$ 964,766.74** |

## Energy

| Energy Information | kWh |
|---|---|
| Lebanon: | 19,689,544 |
| Lebanon Enterprise: | 238,524 |
| Total Energy: | 19,928,068 |

| Energy Charges | Rate | | Units | Charge |
|---|---|---|---|---|
| Base Energy Charge: | $ 0.031875 | / kWh x | 19,928,068 | $ 635,207.17 |
| ECA Energy Charge: | $ (0.004650) | / kWh x | 19,928,068 | $ (92,665.52) |
| **Total Energy Charges:** | | | | **$ 542,541.65** |

## Other Charges and Credits

| Other Charges and Credits | |
|---|---|
| Green Power Program - 23,000 kWh * $0.009 per kWh: | $ 207.00 |
| **Total Other Charges and Credits:** | **$ 207.00** |

## History

| | May 2018 | May 2017 | 2018 YTD |
|---|---|---|---|
| Max Demand (kW): | 42,887 | 36,877 | 42,887 |
| CP Demand (kW): | 42,336 | 36,877 | 42,336 |
| Energy (kWh): | 19,928,068 | 17,317,795 | 95,803,915 |
| CP Load Factor: | 63.27% | 63.12% | |
| HDD/CDD (Indianapolis): | 4/240 | 147/74 | |

IMPA
INDIANA MUNICIPAL POWER AGENCY

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

| Due Date: | Amount Due: |
|---|---|
| **8/15/2018** | **$ 1,667,314.56** |

| | |
|---|---|
| Invoice No: | INV0008638 |
| Invoice Date: | 7/16/2018 |

**Billing Period: June 1 to 30, 2018**

| Summary of Charges | | |
|---|---|---|
| Demand Charges: | $ | 1,074,830.51 |
| Energy Charges: | $ | 591,657.18 |
| Subtotal - Purchased Power Charges*: | $ | 1,666,487.69 |
| Other Charges and Credits: | $ | 826.87 |
| **Net Amount Due:** | **$** | **1,667,314.56** |

*Average Purchased Power Cost: 7.67 cents per kWh


| Due Date: | Amount Due: |
|---|---|
| **8/15/2018** | **$ 1,667,314.56** |


To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 08/15/18
Questions, please call: 317-573-9955

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

**- OR -**

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

**Indiana Municipal Power Agency - Billing Detail**
**Lebanon Utilities**
Billing Period: June 1 to 30, 2018

| Due Date: | Amount Due: |
|---|---|
| 8/15/2018 | $ 1,667,314.56 |

## Demand

| Demand Information | kW | kvar | Power Factor | Date | Time (EST) | Load Factor |
|---|---|---|---|---|---|---|
| Maximum Demand: | 47,564 | 17,158 | 94.07% | 06/18/18 | 1500 | 63.46% |
| CP Billing Demand: | 47,104 | 16,914 | 94.12% | 06/18/18 | 1600 | 64.08% |
| kvar at 97% PF: | | 11,805 | | | | |
| Reactive Demand: | | 5,109 | | | | |

| Demand Charges | Rate | | Units | Charge |
|---|---|---|---|---|
| Base Demand Charge: | $ 23.614 | / kW x | 47,104 | $ 1,112,313.86 |
| ECA Demand Charge: | $ (0.939) | / kW x | 47,104 | $ (44,230.66) |
| Primary Voltage Charge - Less than 15 kV: | $ 0.988 | / kW x | 624 | $ 616.51 |
| Reactive Demand Charge: | $ 1.200 | / kvar x | 5,109 | $ 6,130.80 |
| **Total Demand Charges:** | | | | **$ 1,074,830.51** |

## Energy

| Energy Information | kWh |
|---|---|
| Lebanon: | 21,487,676 |
| Lebanon Enterprise: | 244,452 |
| Total Energy: | 21,732,128 |

| Energy Charges | Rate | | Units | Charge |
|---|---|---|---|---|
| Base Energy Charge: | $ 0.031875 | / kWh x | 21,732,128 | $ 692,711.58 |
| ECA Energy Charge: | $ (0.004650) | / kWh x | 21,732,128 | $ (101,054.40) |
| **Total Energy Charges:** | | | | **$ 591,657.18** |

## Other Charges and Credits

| Other Charges and Credits | |
|---|---|
| Green Power Program - 91,874 kWh * $0.009 per kWh: | $ 826.87 |
| **Total Other Charges and Credits:** | **$ 826.87** |

## History

| | Jun 2018 | Jun 2017 | 2018 YTD |
|---|---|---|---|
| Max Demand (kW): | 47,564 | 44,712 | 47,564 |
| CP Demand (kW): | 47,104 | 43,084 | 47,104 |
| Energy (kWh): | 21,732,128 | 19,965,704 | 117,536,043 |
| CP Load Factor: | 64.08% | 64.36% | |
| HDD/CDD (Indianapolis): | 0/312 | 3/220 | |