



Patricia M. Miller

Received: July 12, 2018
IURC 30-Day Filing No.: 50209
Indiana Utility Regulatory Commission

Clerk-Treasurer's Office

PO Box 506 Auburn, Indiana 46706 | 260.925.6450 phone | 260.920.3341 fax | clerktreasurer@ci.auburn.in.us | www.ci.auburn.in.us

July 13, 2018
Via Email

Mary M. Becerra
Secretary of the Commission
Indiana Utility Regulatory Commission
101 West Washington St., Suite 1500 E
Indianapolis, Indiana 46204

RE: Auburn Electric Department 30 Day filing pursuant to 170 IAC 1-6-1 et seq.

Dear Ms. Becerra:

Pursuant to 170 IAC 1-6-5, please find the enclosed 30-Day Filing for the City of Auburn, Indiana ("Utility"): Purchase Power Cost Adjustment Factor (Appendix A) beginning with September 2018 billing. The purpose of this filing is to implement through a two-part tracking mechanism an average change in the cost of purchased power from our wholesale supplier, American Electric Power (AEP). The filing is necessary because of a change in the Utility's wholesale rates from AEP.

This filing is allowable pursuant to 170 IAC 1-6-3 of Rule 6 in accordance with Orders of the Indiana Utility Regulatory Commission ("Commission") entered in Cause No. 44472 and Cause No. 44774.

The City of Auburn hereby files with the Commission for its approval the following proposed Wholesale Power Cost Trackers in accordance with Appendix A, as approved by Order of the Commission in Cause No. 44774:

Demand Metered Tariffs to decrease \$0.000503 from \$0.006885 to \$0.006382 per kWh.

Energy Only Metered Tariffs to increase \$0.000284 from \$0.006521 to \$0.006805 per kWh.

The person at the City of Auburn to be contacted regarding this filing is:

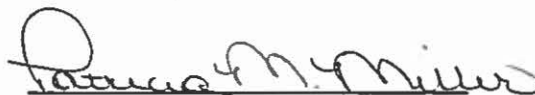
Ms. Patty Miller, Clerk Treasurer
260.925.6450 x1101
210 East Ninth Street
Auburn, Indiana 46706
Email: pmmiller@ci.auburn.in.us / Fax # 260.920.3358

Affected customers have been notified as required under 170 IAC 1-6-6. Notice will be published in the Evening Star no later than January 12, 2018. Proof of publication will be provided upon its receipt. Notice has been posted in a public place in the entrance of the Auburn Clerk-Treasurer's office. Additionally, notice has been placed on the City's website. A copy of this filing is being provided via electronic mail to the Indiana Office of Utility Consumer Counselor.

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.

All of the matters and facts stated herein and in the attached exhibits are true and correct. If approved, this change of rates shall take effect beginning with the September 2018 billing cycle.

Respectfully Submitted,


Patricia M. Miller, Clerk-Treasurer

STATE OF INDIANA)
)
COUNTY OF DEKALB)

Personally appeared before me, a Notary Public in and for said county and State, this -
_____ Patricia M. Miller _____ who, after having been duly sworn
according to law, stated that he/she is an officer of the City of Auburn, Indiana, that he/she has
read the matters and facts stated above, and in all exhibits attached hereto, and that the same
are true; that he/she is duly authorized to execute this instrument for and on behalf of the
applicant herein.



My Commission Expires: August 12, 2023


NOTARY PUBLIC
My County of Residence
DeKalb

NOTICE OF PROPOSED RATE
CHANGE BY AUBURN
ELECTRIC DEPARTMENT

Notice is hereby given to customers of the City of Auburn's municipally-owned electric utility and other interested persons that the City of Auburn, Indiana in accordance with Ordinance No. 2016-04 approving and adopting the modification to the two-part tracker included in the rates and charges for services rendered by the Auburn Municipal Electric Department ("Utility"), and the Indiana Utility Regulatory Commission's Order in Cause No 44774, authorizes the use of the following incremental changes in Wholesale Power Cost Tracking Factors:

Demand Metered Tariffs to decrease from \$0.006885 to \$0.006382 per kWh.

Energy Only Metered Tariffs to increase from \$0.006521 to \$0.006805 per kWh.

This rate change is based solely upon changes in the cost of power and energy purchased by the Utility from its wholesale electricity supplier American Electric Power and is computed in accordance with Indiana Utility Regulatory Commission's Order in Cause No. 44774, approved July 18, 2016, and as directed by Commission staff.

Specifically, the tracker recovers costs associated with the usage beginning August 2018. The Utility made a tracker filing with the Indiana Utility Regulatory Commission for approval of this rate change. If the filing is approved by the Commission, the change in rates will take effect for bills to be rendered beginning with the September 2018 billing cycle. Any objection to the filing should be directed to either of the following:

Indiana Utility Regulatory Commission, PNC Center, 101 W. Washington Street, Suite 1500 East, Indianapolis, IN 46204-3407.

Office of Utility Consumer Counselor, PNC Center, 115 W. Washington Street, Suite 1500 South, Indianapolis, IN 46204-3407.

TS,2052039,7/12,hspaxlp

Prescribed by State Board of Accounts

To: KPC Media Group Inc

P.O. Box 39, KENDALLVILLE, IN 46755

CITY OF AUBURN** PATRICIA MILLER

To: THE STAR

DEKALB, Indiana

Order #: 2052039

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	-----	1
Body -- number of lines	-----	54
Tail -- number of lines	-----	1
Total number of lines in notice	-----	56.0

COMPUTATION OF CHARGES

56.0 lines, full columns wide equals 56.0 equivalent lines at 0.4600	
cents per line.	----- \$25.76
Additional charges for notices containing rule or tabular work (50 per cent)	
of above amount	----- \$
Charge for extra proofs of publication	
(\$1.00 for each proof in excess of 2)	----- \$
TOTAL AMOUNT OF CLAIM	----- \$25.76

DATA FOR COMPUTING COST:

Width of single column in picas - 9.9

Number of insertions: 1

Size of type - 7 point

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 THE STAR 1. The dates of publication being as follows:
07/12/2018

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 does a Web site, but due to technical problem or error, public notice as posted on _____

☐ Newspaper has a Web site, but refuses to post the public notice.

LANETTE MCGUIRE

Date: 07/12/2018

Title: Legal Clerk

correct the difference in utility energy purchases and collections for the period. The demand metered Rate Codes' responsibility is determined by multiplying the reconciled utility energy cost dollars by the ratio of demand metered Rate Codes' billed kilowatt-hour consumption during the reconciliation billing period to the total wholesale kilowatt-hour consumption purchased during the same period. Energy-only or non-demand metered Rate Codes' are responsible for the remaining difference between the total energy dollars and the demand metered Rate Codes' share.

B. Determine the Demand metered Rate Codes' reconciliation Tracker by adding the appropriate allocated demand and energy dollar amounts; then, divide that sum by the kilowatt-hours projected for the demand metered rate codes in the reconciliation recovery period. Determine the Energy-only metered Rate Codes' reconciliation Tracker by adding the appropriate allocated demand and energy dollar amounts; then divide that sum by the kilowatt-hours projected for the energy metered rate codes for the reconciliation recovery period. The appropriate allocation factors shall be based on the most recent period containing the same calendar months. If no such period exists, the allocation factors shall be based on the most recent period. Both Trackers will be applied to all Rate Codes within their Customer classes with equal regularity throughout the reconciliation period. Both charges and (credits) will be applied in addition to I.U.R.C. Approved rates.

C. Initial Wholesale Power Tracking Factors are based on a combination of historical and forecasted data. All projected wholesale power costs will be reconciled with actual wholesale power cost and revenues collected in the next tracker filing. This reconciliation will be performed separately for demand metered and energy-only metered Rate Codes. For the demand metered Rate Codes, the reconciliation will reflect actual billing demands, capacity charges, energy consumption, energy rates and revenues previously collected. For the energy-only metered Rate Codes, the reconciliation will reflect actual sales levels, wholesale power costs and revenues previously collected.

- **Part II– Fuel Cost Adjustment:**

The actual cost of fuel varies with market conditions and the efficiencies of a blend of on-line generation sources contributing toward power delivery to Auburn. The Fuel Cost Adjustment (including Fuel Cost True Up) shall be the same as that most recently billed to the Municipal Utility by its electric power supplier divided by one (1.0) minus the total energy losses of the Municipal Utility for the preceding calendar year expressed as a decimal fraction of the total energy purchased for the same year. The Fuel Cost Adjustment shall be applied to all kWh of sales. The Fuel Cost Adjustment Tracking Factor shall be scheduled for review and adjustment twice annually.

- **Part III – System Sales Tracker Adjustment:**

Auburn Municipal Electric System is considered native load to its power supplier. On occasion, its power supplier will sell electricity "off the local grid." Auburn will then receive a percentage of the net revenue from such transactions. The System Sales Tracker Adjustment shall be the same as that most recently billed to the Municipal Utility by its supplier of electric power divided by one (1.0) minus the total energy losses of the Municipal Utility for the preceding calendar year expressed as a decimal fraction of the total energy purchased for the same year. The System Sales Tracker Adjustment shall be applied to all kWh of sales.

- **Wholesale Power Cost Adjustment Tracking Factor**

Notice is hereby given to rate payers of the municipally owned electric utility and other interested persons that the following Wholesale Power Cost Adjustment Tracking Factors, in accordance with the Order in Cause No. 44774 from the Indiana Utility Regulatory Commission approved July 18, 2016, are \$0/kW and ~~\$0.006885~~ **\$0.006382**/kWh for demand metered Customers and ~~\$0.006521~~ **\$0.006805**/kWh for energy only metered Customers.

- **Fuel Cost Adjustment Tracking Factor**

The Fuel Adjustment Tracking Factor will only apply to fuel costs that Auburn incurs itself in supplying electricity to its Customers. Notice is hereby given to Customers of the municipally owned electric utility and other interested persons that the following Fuel Cost Adjustment Tracking Factor effective October 1, 2011 is \$0.000000 per kWh per month.

- **System Sales Adjustment Tracking Factor**

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Received: July 12, 2018

IURC 30-Day Filing No.: 50209

Indiana Utility Regulatory Commission

**AUBURN MUNICIPAL
ELECTRIC DEPARTMENT**

Auburn, Indiana

**Wholesale Power and
Fuel Adjustment Cost Tracker**

proposed for

**Seven Months beginning September 2018
(September Bill - August Usage)**

July 6, 2018

Auburn Municipal Electric Department
Customer Tracker Impact

Customer		No./Rate	Old Bill	kWh/month	Impact/Customer		2014 Base Bill	Tracker Adjustment	New Bill
Rate Code 10	Residential	5181	\$ 69.33	801	\$ 0.23	0.33%	\$ 64.11	\$ 5.45	69.56
Rate Code 16	All-Electric Residential	897	\$ 113.15	1,336	\$ 0.38	0.34%	\$ 104.44	\$ 9.09	113.53
Rate Code 20	Large Residential		\$ 185.04	2,000	\$ 0.57	0.31%	\$ 172.00	\$ 13.61	185.61
Rate Code 30	Commercial	684	\$ 124.05	1,335	\$ 0.38	0.31%	\$ 115.34	\$ 9.08	124.42
Rate Code 35	3 Phase Commercial	261	\$ 565.26	5,450	\$ 1.55	0.27%	\$ 529.72	\$ 37.09	566.81
Rate Code 39	3 Ph. Large Commercial	68	\$ 3,604.35	32,449	\$ (16.32)	-0.45%	\$ 3,380.94	\$ 207.09	3,588.03
Rate Code 40	Large EHV Power								
Rate Code 41	Primary Large Power	11	\$ 28,713.43	313,890	\$ (157.89)	-0.55%	\$ 26,552.30	\$ 2,003.25	28,555.55
Rate Code 42	Secondary Large Power	10	\$ 13,826.23	147,307	\$ (74.10)	-0.54%	\$ 12,812.02	\$ 940.11	13,752.13
Rate Code 43	Primary Large Power	10	\$ 45,318.94	503,578	\$ (253.30)	-0.56%	\$ 41,851.81	\$ 3,213.83	45,065.64
Rate Code 44	Secondary Large Power	2	\$ 4,477.08	58,925	\$ (29.64)	-0.66%	\$ 4,071.38	\$ 376.06	4,447.44
Rate Code 45	High Voltage Large Power	1	\$ 406,988.48	5,512,278	\$ (2,772.68)	-0.68%	\$ 369,036.45	\$ 35,179.36	404,215.81
Rate Code 45-T	High Voltage Large Power	1	\$ 856,828.11	11,476,004	\$ (5,772.43)	-0.67%	\$ 777,815.82	\$ 73,239.86	851,055.68

Customer		No./Rate	Old Bill	kWh/month	Increase/Customer		2014 Base Bill	Tracker Adjustment	New Bill
Rate Code 10	Residential	5181	\$ 84.82	1,000	\$ 0.28	0.33%	\$ 78.30	\$ 6.81	85.11
Rate Code 16	All-Electric Residential	897	\$ 84.37	1,000	\$ 0.28	0.34%	\$ 77.85	\$ 6.81	84.66
Rate Code 20	Large Residential		\$ 101.52	1,000	\$ 0.28	0.28%	\$ 95.00	\$ 6.81	101.81

**Auburn Municipal Electric Department
Cost Reconciliation Summation and Tracker Calculations**

Wholesale Power Trackers:

Demand Metered Customers

	Forecast		Totals		Proposed Tracker	
	Jun-Dec 2018					
Demand Capacity Component	\$ 300,099	\$	300,099	\$	0.001537 /kWh	
Energy Component	\$ 945,703	\$	945,703	\$	0.004845 /kWh	
	\$ 1,245,802	\$	1,245,802	\$	0.006382 /kWh	\$ (0.000503) delta

Energy Only Metered Customers

	Forecast		Totals		Proposed Tracker	
	Jun-Dec 2018					
Demand Capacity Component	\$ 121,675	\$	121,675	\$	0.001961 /kWh	
Energy Component	\$ 300,672	\$	300,672	\$	0.004845 /kWh	
	\$ 422,347	\$	422,347	\$	0.006805 /kWh	\$ 0.000284 delta
	1,668,149		1,668,149			

Recovery Period: Aug '18 - Feb '19 Usage - Projected

All Metered Customers

Energy - kWh	257,268,562 kWh
Demand Capacity - kW	476,725,196 kWD

	From Energy Allocation			Projected Collection	Error
Projected Energy Consumption kWh for Demand Metered	75.8763%	195,205,775 kWh		\$ 1,245,803.26	0.000%
Projected Energy Consumption kWh for Energy Only Metered	24.1237%	62,062,787 kWh		\$ 422,337.27	-0.002%
Total Projected Energy Consumption kWh for All customers	100.0000%	257,268,562 kWh		\$ 1,668,140.53	-0.001%

Auburn Municipal Electric Department
Tracker Calculations for Wholesale Cost changes incurred from January through May 2018.

Auburn purchased its power directly from the PJM RTO market until June 2013. Since then, Auburn has purchased wholesale power from Indiana Michigan Power Company under a "Formula Agreement". Customer rates are fixed and were Approved in December 2014 per I.U.R.C. Order in Cause No. 44472. Customer load characteristics and wholesale costs change frequently. The I.U.R.C. also approved rate adjustments based on the Wholesale Power Tracking Factor occasioned solely by changes in the cost of purchased power. Rate adjustments are scheduled for review in May and December of each year. Revised Tracking Factors are submitted for I.U.R.C. review and approval prior to implementation.

Rates Approved Per I.U.R.C. in Cause No. 44472 are based on the following:

kW	\$	17.0567	\$13,775,416 purchased 807,626.4 kW
kWh	\$	0.032893	\$14,441,776 purchased 439,053,195 kWh
			\$28,217,192 total purchased power cost
			Auburn Municipal Electric Utility sold 434,169,227 kWh

COST PERIOD - PROJECTED

Wholesale Power Cost Adjustments: All Metered Customers

Demand Capacity Component

A	\$	19.722	Jun-18 to Dec-18 Billed Wholesale Rate, \$/kW.
B	\$	17.05667	Wholesale Demand Rates Approved Per I.U.R.C. Order in Cause No. 44472, \$/kW.
C		492,757	Jun-18 to Dec-18 Projected Wholesale Demand, kW.
D ₁	\$	(406,077.92)	Prior Period Demand True-Up adjustments between the Wholesale Provider and the City.
D ₂	\$	(491,331.39)	Prior Period Demand True-Up adjustments between the City and its customers. (Seven Months beginning
E		71.1516%	Demand Metered Customer share of Total Demand/Capacity Adjustment Dollars
F	\$	421,774.09	Total Demand Adjustment Tracker Dollars to be reconciled.
G	\$	300,099.16	Demand Metered Customer Share, \$
H	\$	121,674.93	Energy Only Metered Customer Share, \$

Energy Component

J	\$	9,413,149	Jun-18 to Dec-18 Wholesale Energy Charges; incl. Energy, Fuel, PJM OATT charges.
K		255,334,970	Jun-18 to Dec-18 Projected Wholesale Energy Consumption, kWh.
L	\$	0.032893	Wholesale Energy Rates Approved Per I.U.R.C. Order in Cause No. 44472, \$/kWh.
M ₁	\$	(650,873.86)	Prior Period Energy True-Up adjustments between the Wholesale Provider and the City.
M ₂	\$	865,624.91	Prior Period Energy True-Up adjustments between the City and its customers. (Per M ₂ True-Up tab.)
N		75.8763%	Demand Metered Customer share of Total Energy Adjustment Dollars
P	\$	1,246,374.79	Total Energy Adjustment Tracker Dollars to be reconciled.
Q	\$	945,702.63	Demand Metered Customer Share, \$
R	\$	300,672.16	Energy Only Metered Customer Share, \$

Demand Metered Customer Wholesale Power Tracker:

Demand & Energy Components - Combined

G	\$	300,099.16	Demand Metered Customer share of Demand/Capacity Adjustment Dollars to be Reconciled
Q	\$	945,702.63	Demand Metered Customer share of Energy Adjustment Dollars to be Reconciled
G+Q	\$	1,245,801.79	Demand Metered Customer share of Total Adjustment Dollars to be Reconciled

Energy Only Metered Customer Wholesale Power Tracker:

Demand & Energy Components - Combined

H	\$	121,674.93	Energy Metered Customer share of Demand/Capacity Adjustment Dollars to be Reconciled
R	\$	300,672.16	Energy Metered Customer share of Energy Adjustment Dollars to be Reconciled
H+R	\$	422,347.09	Energy Metered Customer share of Total Adjustment Dollars to be Reconciled
G+Q+H+R	\$	1,668,148.88	Total Metered Customer Adjustment Dollars for the Reconciliation Period
F+P	\$	1,668,148.88	Check

Auburn Municipal Electric I
Energy Allocation for Demand Me

Usage Month			
Jun-17	Jul-17	Aug-17	
2,132,937	2,199,505	2,247,320	
3,527,435	3,595,112	3,587,841	
1,429,659	1,836,868	1,603,024	
4,775,096	5,986,264	5,703,870	
93,621	96,840	96,899	
5,602,240	5,432,536	5,896,604	
<u>10,707,326</u>	<u>10,348,555</u>	<u>10,357,928</u>	
28,268,314	29,495,679	29,493,486	

38,040,637	36,575,219	39,010,757
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Jun-17 thru Dec-17
Demand Metered
Energy Only Metered
Total

Auburn Municipal Electric Department
Demand Allocation for Demand Metered Customers

Usage Month	Peak KWD	Date and Time of Peak	Sum of Rates 45 and 45T	Sum of Rates 39, 40, 41, 42, 43 & 44	Metered Demand Total kW
June-17	74,000	06/13/17 @ 15:00	28,273	21,833	50,106
July-17	75,734	7/19/17 @ 16:00	28,518	23,097	51,615
August-17	73,937	8/16/17 @ 16:00	24,129	22,846	46,975
September-17	74,424	9/21/17 @ 14:00	28,777	24,896	53,673
October-17	65,041	10/4/17 @ 14:00	28,490	22,970	51,460
November-17	63,596	11/8/17 @ 6:00	30,359	17,462	47,821
December-17	66,024	12/14/17 @ 6:00	30,233	18,722	48,955
January-18	67,704	01/17/18 @ 7:00	28,651	20,730	49,381
February-18	65,999	02/13/18 @ 6:00	27,538	19,592	47,130
March-18	65,419	03/12/18 @ 10:00	27,727	21,858	49,585
April-18	64,016	04/17/18 @ 9:00	28,602	21,712	50,314
May-18	74,659	05/30/18 @ 14:00	27,321	25,321	52,642

Total = 949,514

Energy Only	Demand
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**Wholesale Provider True-Up
D1 M1**

Transferred from AEP to AE and refunded this Tracker (Fall 2018 Sept '18 - Mar '18 billing)¹

Demand Adjustment	\$ (406,077.92)
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D1 Energy True-up	\$ (406,077.92)²
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One time AEP Transmission Credit	\$ -	\$ (187,412.66)
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One time NITS True-Up	\$ -	\$ (199,552.89)
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Energy Adjustment	\$ (561,370.00)
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Fuel Adjustment	\$ (89,503.86)
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M1 Energy True-up	\$ (650,873.86)³
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Total Whsle Provider True-up	\$ (1,056,951.78)
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¹ To be refunded to Auburn Electric in July 2018.

² Placed in cell M1 on worksheet 'Projected Jun-Dec18'

³ Placed in cell D1 on worksheet 'Projected Jun-Dec18'

**Local Utility True-Up
D2 M2**

Summation of reconciliation of true-up for the local utility

D2

Jun 2017 - Dec 2017	\$ (531,422.98)	¹	(from bottom of sheet 'True-up Jun-Dec17')
Jan 2018 - May 2018	<u>\$ 40,091.59</u>	²	(from bottom of sheet 'True-up Jan-May18')
D2 applied this tracker	\$ (491,331.39)	⁵	

M2

Jun 2017 - Dec 2017	\$ 80,248.60	³	(from bottom of sheet 'True-up Jun-Dec17')
Jan 2018 - May 2018	<u>\$ 785,376.31</u>	⁴	(from bottom of sheet 'True-up Jan-May18')
M2 applied this tracker	\$ 865,624.91	⁶	

Local Utility True-up	\$ 374,293.52
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¹ From D2 near bottom of worksheet 'True-up Jun-Dec17'

² From D2 near bottom of worksheet 'True-up Jan-May18'

³ From M2 near bottom of worksheet 'True-up Jun-Dec17'

⁴ From M2 near bottom of worksheet 'True-up Jan-May18'

⁵ Placed in cell D2 on worksheet 'Projected Jun-Dec18'

⁶ Placed in cell M2 on worksheet 'Projected Jun-Dec18'

Auburn Municipal Electric Department

Tracker Calculations for Wholesale Cost changes incurred from June through December 2016.

Components expire December 31, 2016. New components to be calculated based on AEP report due December 2016.

COST PERIOD - ACTUAL

Auburn purchased its power directly from the PJM RTO market until June 2013. Since then, Auburn has purchased wholesale power from Indiana Michigan Power Company under a "Formula Agreement". Customer rates are fixed and were Approved in December 2014 per I.U.R.C. Order in Cause No. 44472. Customer load characteristics and wholesale costs change frequently. The I.U.R.C. also approved rate adjustments based on the Wholesale Power Tracking Factor occasioned solely by changes in the cost of purchased power. Rate adjustments are scheduled for review in May and December of each year. Revised Tracking Factors are submitted for I.U.R.C. review and approval prior to implementation.

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Wholesale Power Cost Adjustments: All Metered Customers

Demand Capacity Component

A	\$	18.547	Jun-17 to Dec-17 Billed Wholesale Rate, \$/kW.
B	\$	17.05667	Wholesale Demand Rates Approved Per I.U.R.C. Order in Cause No. 44472, \$/kW.
C		492,757	Jun-17 to Dec-17 Actual Wholesale Demand, kW.
D ₁	\$	-	Prior Period Demand True-Up adjustments between the Wholesale Provider and the City.
D ₂	\$	-	Prior Period Demand True-Up adjustments between the City and its customers.
E		71.1516%	Demand Metered Customer share of Total Demand/Capacity Adjustment Dollars
F	\$	744,651.43	Total Demand Adjustment Tracker Dollars to be reconciled.
G	\$	529,831.65	Demand Metered Customer Share, \$
H	\$	214,819.77	Energy Only Metered Customer Share, \$

Energy Component

J	\$	9,386,471	Jun-17 to Dec-17 Wholesale Energy Charges; incl. Energy, Fuel, PJM OATT charges.
K		255,334,970	Jun-17 to Dec-17 Actual Wholesale Energy Consumption, kWh.
L	\$	0.032893	Wholesale Energy Rates Approved Per I.U.R.C. Order in Cause No. 44472, \$/kWh.
M ₁	\$	-	Prior Period Energy True-Up adjustments between the Wholesale Provider and the City.
M ₂	\$	(100,056)	Prior Period Energy True-Up adjustments between the City and its customers.
N		75.8763%	Demand Metered Customer share of Total Energy Adjustment Dollars
P	\$	900,109.51	Total Energy Adjustment Tracker Dollars to be reconciled.
Q	\$	682,969.47	Demand Metered Customer Share, \$
R	\$	217,140.04	Energy Only Metered Customer Share, \$

Demand Metered Customer Wholesale Power Tracker:

Demand & Energy Components - Combined

G	\$	529,831.65	Demand Metered Customer share of Demand/Capacity Adjustment Dollars to be Reconciled
Q	\$	682,969.47	Demand Metered Customer share of Energy Adjustment Dollars to be Reconciled
G+Q	\$	1,212,801.13	Demand Metered Customer share of Total Adjustment Dollars to be Reconciled

Energy Only Metered Customer Wholesale Power Tracker:

Demand & Energy Components - Combined

H	\$	214,819.77	Energy Metered Customer share of Demand/Capacity Adjustment Dollars to be Reconciled
R	\$	217,140.04	Energy Metered Customer share of Energy Adjustment Dollars to be Reconciled
H+R	\$	431,959.81	Energy Metered Customer share of Total Adjustment Dollars to be Reconciled
G+Q+H+R	\$	1,644,760.93	Total Metered Customer Adjustment Dollars for the Reconciliation Period
F+P	\$	1,644,760.93	Check

**True-Up Calculation for
Recovery Period Usage: June 2017 - December 2017**

\$	744,651.43	Actual Demand component Tracker Dollars due. (from Sheet 'Actual Jun-Dec17' cell C21)
\$	<u>900,109.51</u>	Actual Energy Component Tracker Dollars due. (from Sheet 'Actual Jun-Dec17' cell C32)
\$	1,644,760.93	Actual Tracker Dollars due. (C3+C4)

Tracker \$ collected during Recovery Period		Column B	Column C	Column D	
Usage Month	Bill Month	AE Total	Demand Metered	Energy Only	
Jun-17	Jul-17	\$ 324,869.61	\$ 247,144.32	\$ 77,725.29	CHECK
Jul-17	Aug-17	\$ 310,124.07	\$ 225,788.04	\$ 84,336.03	CHECK
Aug-17	Sep-17	\$ 325,911.38	\$ 253,696.25	\$ 72,215.13	CHECK
Sep-17	Oct-17	\$ 305,354.08	\$ 236,429.67	\$ 68,924.41	CHECK
Oct-17	Nov-17	\$ 285,797.96	\$ 227,610.77	\$ 58,187.19	CHECK
Nov-17	Dec-17	\$ 271,669.83	\$ 205,884.46	\$ 65,785.37	CHECK
Dec-17	Jan-18	\$ <u>272,208.38</u>	\$ <u>190,631.95</u>	\$ <u>81,576.43</u>	CHECK
Actual Tracker Collected		\$ 2,095,935.31	\$ 1,587,185.46	\$ 508,749.85	

Pro Rata Tracker Allocations During Recovery Period (Jun'17 - Dec'17)

Demand Metered Customers		
Demand Capacity %	71.1516%	
Energy %	75.8763%	

Energy Only Customers		
Demand Capacity %	28.8484%	
Energy %	24.1237%	

Unbundled Tracker \$ During Recovery Period		Column B	Column C	Column D
		AE Total	Demand Metered	Energy Only
Demand Capacity Collected	\$	1,276,074.41	\$ 1,129,308.39	\$ 146,766.02
Energy Capacity Collected	\$	<u>819,860.90</u>	\$ <u>457,877.07</u>	\$ <u>361,983.83</u>
Actual Tracker Collected	\$	2,095,935.31	\$ 1,587,185.46	\$ 508,749.85

	Column B	Column C	Column D
	Total Dollars	Demand	Energy
Actual Tracker \$ Due	\$ 1,644,760.93	\$ 744,651.43	\$ 900,109.51
Actual Tracker \$ Collected	\$ <u>2,095,935.31</u>	\$ <u>1,276,074.41</u>	\$ <u>819,860.90</u>
Total Adjustment (Credit) Charge	\$ (451,174.38)	\$ (531,422.98)	\$ 80,248.60
Previous (credit) charge for period	\$ -	\$ -	\$ -
	\$ (451,174.38)	\$ (531,422.98)	\$ 80,248.60
	Total	D2	M2

Auburn Municipal Electric Department
Tracker Calculations for Wholesale Cost changes incurred from January through May 2018.

COST PERIOD - ACTUAL

Auburn purchased its power directly from the PJM RTO market until June 2013. Since then, Auburn has purchased wholesale power from Indiana Michigan Power Company under a "Formula Agreement". Customer rates are fixed and were Approved in December 2014 per I.U.R.C. Order in Cause No. 44472. Customer load characteristics and wholesale costs change frequently. The I.U.R.C. also approved rate adjustments based on the Wholesale Power Tracking Factor occasioned solely by changes in the cost of purchased power. Rate adjustments are scheduled for review in May and December of each year. Revised Tracking Factors are submitted for I.U.R.C. review and approval prior to implementation.

Rates Approved Per I.U.R.C. in Cause No. 44472 are based on the following:

kW	\$	17.0567	\$13,775,416 purchased 807,626.4 kW
kWh	\$	0.032893	\$14,441,776 purchased 439,053,195 kWh
			\$28,217,192 total purchased power cost
			Auburn Municipal Electric Utility sold 434,169,227 kWh

Wholesale Power Cost Adjustments: All Metered Customers

Demand Capacity Component

A	\$	19.267	Jan-18 to May-18 Billed Wholesale Rate, \$/kW.
B	\$	17.05667	Wholesale Demand Rates Approved Per I.U.R.C. Order in Cause No. 44472, \$/kW.
C		337,798	Jan-18 to May-18 Actual Wholesale Demand, kW.
D ₁	\$	-	Prior Period Demand True-Up adjustments between the Wholesale Provider and the City.
D ₂	\$	-	Prior Period Demand True-Up adjustments between the City and its customers.
E		73.7280%	Demand Metered Customer share of Total Demand/Capacity Adjustment Dollars
F	\$	757,097.60	Total Demand Adjustment Tracker Dollars to be reconciled.
G	\$	558,193.26	Demand Metered Customer Share, \$
H	\$	198,904.34	Energy Only Metered Customer Share, \$

Energy Component

J	\$	7,327,079	Jan-18 to May-18 Wholesale Energy Charges; incl. Energy, Fuel, PJM OATT charges.
K		186,458,219	Jan-18 to May-18 Actual Wholesale Energy Consumption, kWh.
L	\$	0.032893	Wholesale Energy Rates Approved Per I.U.R.C. Order in Cause No. 44472, \$/kWh.
M ₁	\$	-	Prior Period Energy True-Up adjustments between the Wholesale Provider and the City.
M ₂	\$	-	Prior Period Energy True-Up adjustments between the City and its customers.
N		75.7572%	Demand Metered Customer share of Total Energy Adjustment Dollars
P	\$	1,210,624.23	Total Energy Adjustment Tracker Dollars to be reconciled.
Q	\$	917,135.61	Demand Metered Customer Share, \$
R	\$	293,488.62	Energy Only Metered Customer Share, \$

Demand Metered Customer Wholesale Power Tracker:

Demand & Energy Components - Combined

G	\$	558,193.26	Demand Metered Customer share of Demand/Capacity Adjustment Dollars to be Reconciled
Q	\$	917,135.61	Demand Metered Customer share of Energy Adjustment Dollars to be Reconciled
G+Q	\$	1,475,328.86	Demand Metered Customer share of Total Adjustment Dollars to be Reconciled

Energy Only Metered Customer Wholesale Power Tracker:

Demand & Energy Components - Combined

H	\$	198,904.34	Energy Metered Customer share of Demand/Capacity Adjustment Dollars to be Reconciled
R	\$	293,488.62	Energy Metered Customer share of Energy Adjustment Dollars to be Reconciled
H+R	\$	492,392.97	Energy Metered Customer share of Total Adjustment Dollars to be Reconciled
G+Q+H+R	\$	1,967,721.83	Total Metered Customer Adjustment Dollars for the Reconciliation Period
F+P	\$	1,967,721.83	Check

**True-Up Calculation for
Cost Period Usage: January 2018 - May 2018**

\$	757,097.60	Actual Demand component Tracker Dollars due. (from Sheet 'Actual Jan-May17' cell C21)
\$	<u>1,210,624.23</u>	Actual Energy Component Tracker Dollars due. (from Sheet 'Actual Jan-May17' cell C32)
\$	1,967,721.83	Actual Tracker Dollars due. (C3+C4)

Tracker \$ collected during Recovery Period		Column B	Column C	Column D	
Usage Month	Bill Month	AE Total	Demand Metered	Energy Only	
Jan-18	Feb-18	\$ 309,461.98	\$ 231,833.11	\$ 77,628.87	CHECK
Feb-18	Mar-18	\$ 280,203.71	\$ 215,044.08	\$ 65,159.63	CHECK
Mar-18	Apr-18	\$ 283,865.05	\$ 218,993.24	\$ 64,871.81	CHECK
Apr-18	May-18	\$ 268,723.19	\$ 212,654.48	\$ 56,068.71	CHECK
May-18	Jun-18	\$ <u>244,427.64</u>	\$ <u>208,162.18</u>	\$ <u>36,265.46</u>	CHECK
Actual Tracker Collected		\$ 1,142,253.93	\$ 878,524.91	\$ 263,729.02	

Pro Rata Tracker Allocations During Recovery Period (Jan'18 - May'18)

Demand Metered Customers	
Demand Capacity %	73.7280%
Energy %	75.7572%

Energy Only Customers	
Demand Capacity %	26.2720%
Energy %	24.2428%

Unbundled Tracker \$ During Recovery Period	Column B	Column C	Column D
	AE Total	Demand Metered	Energy Only
Demand Capacity Collected	\$ 717,006.01	\$ 647,719.24	\$ 69,286.77
Energy Capacity Collected	\$ <u>425,247.92</u>	\$ <u>230,805.67</u>	\$ <u>194,442.25</u>
Actual Tracker Collected	\$ 1,142,253.93	\$ 878,524.91	\$ 263,729.02

	Column B	Column C	Column D
	Total Dollars	Demand	Energy
Actual Tracker \$ Due	\$ 1,967,721.83	\$ 757,097.60	\$ 1,210,624.23
Actual Tracker \$ Collected	\$ <u>1,142,253.93</u>	\$ <u>717,006.01</u>	\$ <u>425,247.92</u>
Total Adjustment (Credit) Charge	\$ 825,467.90	\$ 40,091.59	\$ 785,376.31
Previous (credit) charge for period	\$ -	\$ -	\$ -
	\$ 825,467.90	\$ 40,091.59	\$ 785,376.31
	Total	D2	M2

CITY OF AUBURN, INDIANA
RETAIL SALES
From Auburn Electric Invoices

Usage	Demand Metered Customers (Rates 39, 40, 41, 42, 43, 44, 45, 45T)						Energy Only Metered Customers					
Month	kW Sold	kWh Sold	Demand \$	Energy \$	Tracker \$	Total Sold \$	kW Sold	kWh Sold	Demand \$	Energy \$	Tracker \$	Total Sold \$
Jun-16	68,419.35	30,032,125.10	\$ 1,192,954.93	\$ 1,154,742.79	\$ -	\$ 2,347,697.72		8,397,103.72		\$ 624,446.83		\$ 624,446.83
Jul-16	69,603.70	26,527,954.65	\$ 1,203,633.67	\$ 1,043,932.79	\$ -	\$ 2,247,566.46		10,149,472.60		\$ 752,108.69		\$ 752,108.69
Aug-16	69,613.95	32,237,495.42	\$ 1,220,128.09	\$ 1,243,058.05	\$ -	\$ 2,463,186.14		9,094,967.00		\$ 676,248.50		\$ 676,248.50
Sep-16	70,579.12	31,653,340.58	\$ 1,235,409.86	\$ 1,219,050.21	\$ 346,540.80	\$ 2,801,000.87		7,168,995.70		\$ 532,573.10	\$ 143,938.08	\$ 676,511.18
Oct-16	67,591.78	28,941,574.29	\$ 1,187,639.85	\$ 1,115,120.09	\$ 316,520.63	\$ 2,619,280.57		6,122,610.64		\$ 457,789.90	\$ 124,154.96	\$ 581,944.86
Nov-16	65,669.12	26,386,611.03	\$ 1,152,055.17	\$ 1,020,324.41	\$ 288,670.39	\$ 2,461,049.97		7,397,572.04		\$ 542,359.51	\$ 149,802.43	\$ 692,161.94
Dec-16	64,968.35	25,638,809.55	\$ 1,134,643.92	\$ 996,792.35	\$ 280,476.92	\$ 2,411,913.19		8,816,611.04		\$ 642,486.72	\$ 178,658.28	\$ 821,145.00
Jan-17	64,515.43	29,206,843.31	\$ 1,127,688.26	\$ 1,119,587.37	\$ 319,500.33	\$ 2,566,775.96		8,080,325.92		\$ 592,566.42	\$ 163,917.96	\$ 756,484.38
Feb-17	64,808.78	26,724,913.90	\$ 1,133,134.97	\$ 1,025,034.50	\$ 292,341.31	\$ 2,450,510.78		6,658,559.40		\$ 490,176.96	\$ 135,011.59	\$ 625,188.55
Mar-17	64,766.04	32,254,100.22	\$ 1,134,090.30	\$ 1,220,777.06	\$ 270,011.60	\$ 2,624,878.96		6,853,087.60		\$ 506,886.98	\$ 66,049.06	\$ 572,936.04
Apr-17	65,776.58	23,643,089.87	\$ 1,150,610.73	\$ 930,718.40	\$ 197,899.32	\$ 2,279,228.45		5,986,668.00		\$ 448,441.15	\$ 57,894.18	\$ 506,335.33
May-17	68,214.72	29,389,667.82	\$ 1,192,761.06	\$ 1,131,386.36	\$ 246,256.08	\$ 2,570,403.50		6,834,892.40		\$ 505,235.78	\$ 65,355.16	\$ 570,590.94
Jun-17	68,229.16	29,495,679.40	\$ 1,191,805.01	\$ 1,151,356.95	\$ 247,144.32	\$ 2,590,306.28		8,052,783.80		\$ 600,674.32	\$ 77,725.29	\$ 678,399.61
Jul-17	68,726.94	26,946,896.24	\$ 1,200,142.78	\$ 1,049,915.94	\$ 225,788.04	\$ 2,475,846.76		8,742,975.80	\$ -	\$ 649,932.60	\$ 84,336.03	\$ 734,268.63
Aug-17	68,674.93	30,277,629.00	\$ 1,199,008.14	\$ 1,181,071.87	\$ 253,696.25	\$ 2,633,776.26		7,492,749.00		\$ 559,843.64	\$ 72,215.13	\$ 632,058.77
Sep-17	69,195.66	28,216,930.26	\$ 1,207,818.03	\$ 1,094,500.08	\$ 236,429.67	\$ 2,538,747.78		7,153,255.00		\$ 534,361.40	\$ 68,924.41	\$ 603,285.81
Oct-17	67,628.29	29,601,204.30	\$ 1,181,130.23	\$ 1,146,791.26	\$ 227,610.77	\$ 2,555,532.26		6,584,621.00		\$ 488,920.14	\$ 58,187.19	\$ 547,107.33
Nov-17	64,651.64	26,769,530.16	\$ 1,130,675.44	\$ 1,040,031.19	\$ 205,884.46	\$ 2,376,591.09		7,451,173.96		\$ 546,983.24	\$ 65,785.37	\$ 612,768.61
Dec-17	64,812.12	24,786,373.43	\$ 1,133,139.27	\$ 971,440.93	\$ 190,631.95	\$ 2,295,212.15		9,187,005.04		\$ 672,070.19	\$ 81,576.43	\$ 753,646.62
Jan-18	65,756.08	30,143,424.88	\$ 1,149,063.28	\$ 1,162,125.17	\$ 231,833.11	\$ 2,543,021.56		8,793,430.96		\$ 641,492.98	\$ 77,628.87	\$ 719,121.85
Feb-18	66,809.83	27,994,883.43	\$ 1,168,908.55	\$ 1,076,163.66	\$ 215,044.08	\$ 2,460,116.29		7,376,512.04		\$ 542,174.09	\$ 65,159.63	\$ 607,333.72
Mar-18	66,153.06	28,509,364.74	\$ 1,159,074.53	\$ 1,109,706.40	\$ 218,993.24	\$ 2,487,774.17		7,342,860.20		\$ 538,811.10	\$ 64,871.81	\$ 603,682.91
Apr-18	67,808.16	27,649,789.05	\$ 1,186,790.19	\$ 1,080,056.31	\$ 212,654.48	\$ 2,479,500.98		6,343,058.48		\$ 471,107.66	\$ 56,068.71	\$ 527,176.37
May-18	70,960.07	30,234,154.27	\$ 1,238,958.44	\$ 1,177,740.99	\$ 208,162.18	\$ 2,624,861.61		6,764,400.20		\$ 420,081.09	\$ 36,265.46	\$ 456,346.55
Jun-18						\$ -						\$ -

CITY OF AUBURN, INDIANA
WHOLESALE BILLING DETERMINANTS
From AEP Invoices

<u>Usage Month</u>	<u>Annual True- Up</u>	<u>kW</u>	<u>MWh</u>	<u>Demand</u>	<u>Energy</u>	<u>Fuel</u>	<u>OATT</u>	<u>Total</u>	
Jun-17	\$0.00	74,000.000	38,040.637	1,372,477.07	361,758.85	373,763.78	443,540.85	2,107,999.70	check
Jul-17	\$0.00	75,734.400	36,575.219	1,404,645.92	347,442.62	372,003.89	461,059.23	2,124,092.43	check
Aug-17	\$0.00	73,936.800	39,010.757	1,371,305.83	370,984.50	553,615.84	455,540.18	2,295,906.17	check
Sep-17	\$0.00	74,424.000	35,617.227	1,380,341.93	338,713.08	528,552.01	443,882.23	2,247,607.02	check
Oct-17	\$0.00	65,041.200	37,080.303	1,206,319.14	352,626.27	443,727.75	463,384.89	2,002,673.16	check
Nov-17	\$0.00	63,596.400	34,578.439	1,179,522.43	331,316.75	867,694.70	426,737.33	2,378,533.88	check
Dec-17	\$0.00	66,024.000	34,432.388	1,224,547.13	327,445.12	684,243.56	438,437.95	2,236,235.81	check
		492,756.80	255,334.97	9,139,159.44	2,430,287.19	3,823,601.53	3,132,582.66	15,393,048.16	
Jan-18	\$0.00	67,703.996	40,256.948	1,304,452.89	397,702.41	873,962.36	539,487.57	3,115,605.23	check
Feb-18	\$0.00	65,998.800	36,292.501	1,271,598.88	358,537.24	318,907.71	494,805.11	2,443,848.94	check
Mar-18	\$0.00	65,419.200	36,750.292	1,260,431.73	363,059.81	359,664.88	540,595.43	2,523,751.85	check
Apr-18	\$0.00	64,016.400	35,161.256	1,233,403.98	347,361.56	779,824.06	255,757.56	2,616,347.16	check
May-18	\$0.00	74,659.200	37,997.222	1,438,458.81	375,378.36	854,580.25	467,455.05	3,135,872.47	check
		337,797.596	186,458.219	6,508,346.29	1,842,039.39	3,186,939.25	2,298,100.72	13,835,425.65	
Jun-18	\$0.00	74,000.000	38,040.637	1,459,428.00	361,264.32	553,785.33	467,458.82	2,841,936.47	forecast
Jul-18	\$0.00	75,734.400	36,575.219	1,493,633.84	347,347.54	532,452.16	467,321.53	2,840,755.07	forecast
Aug-18	\$0.00	73,936.800	39,010.757	1,458,181.57	370,477.36	567,908.08	467,549.71	2,864,116.72	forecast
Sep-18	\$0.00	74,424.000	35,617.227	1,467,790.13	338,249.68	518,505.97	467,231.77	2,791,777.55	forecast
Oct-18	\$0.00	65,041.200	37,080.303	1,282,742.55	352,144.22	539,805.04	467,368.85	2,642,060.66	forecast
Nov-18	\$0.00	63,596.400	34,578.439	1,254,248.20	328,384.52	503,383.57	467,134.45	2,553,150.74	forecast
Dec-18	\$0.00	66,024.000	34,432.388	1,302,125.33	326,997.50	501,257.41	467,120.76	2,597,501.00	forecast
		492,756.80	255,334.97	9,718,149.62	2,424,865.14	3,717,097.55	3,271,185.89	19,131,298.20	

Auburn Wholesale Power Costs and Charges Approved during the Test Period

Effective Demand and Energy Wholesale Rate Calculations				IURC Cause No. 44472 (Exhibit A-2, B-21)	(Exhibit A-3, System kW)
Line		Dollars	kW	kWh	Month kW
1	Demand	\$ 13,775,416	807,626.4		12-Jul 76,675.2
2	Energy	<u>\$ 13,343,316</u>		439,053,195	12-Aug 72,945.6
3	Total	\$ 27,118,732	(Invoice)		12-Sep 66,914.4
4	Cost of Service	\$ 28,217,192	(Exhibit A-5, Pg.3 of 3, Lines 162-167)		12-Oct 62,689.2
5	Difference	\$ 1,098,460	Adjustment	439,053,195	12-Nov 63,025.2
					12-Dec 65,461.2
6	Demand Rate /kW	\$ 17.05667			13-Jan 67,250.4
7	Energy Rate /kWh	\$ 0.032893			13-Feb 66,158.4
					13-Mar 64,738.8
8	Wholesale kWh	439,053,195	(Exhibit A-2, Page 1 of 1, Line 21)		13-Apr 62,143.2
9	Retail kWh	434,169,227	(Exhibit A-2, Page 1 of 1, Line 14)		13-May 68,182.8
10	System Loss	1.12490%	For the Test Period		13-Jun <u>71,442.0</u>
					Total 807,626.4