

Received: August 1, 2016
IURC 30-Day Filing No.: 3461
Indiana Utility Regulatory Commission

**AUBURN MUNICIPAL
ELECTRIC DEPARTMENT**

Auburn, Indiana

**Wholesale Power and
Fuel Adjustment Cost Tracker**

proposed for

September 2016 - August 2017

Revised 8/1/2016

August 1, 2016

Via Email & US Mail

Mary 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.
Modification of Wholesale Power Cost and Fuel Cost Adjustment Trackers**

Dear Ms. Becerra:

Pursuant to 170 IAC 1-6-5, please find the enclosed 30 Day filing for the City of Auburn, Indiana, 210 East Ninth Street, Auburn, Indiana: Tracker Adjustments. The purpose of this filing is to recover the increased costs due to wholesale power purchase and fuel adjustment costs incurred from AEP, our wholesale power provider.

The City of Auburn needs the calculated increase to recapture the revenue shortfall from July 2013 forward which has been adjusted to cover the anticipated fuel cost of this year.

This filing is allowed under 170 IAC 1-6-3 (5) (A) for the purpose of recovering our purchase power costs, as the requested increase remains revenue neutral within each rate class.

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 Tarriffs to increase \$0.006739 from zero to \$0.006739 per kWh.
Energy Only Metered Tarriffs to increase \$0.011035 from zero to \$0.011035 per kWh.

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

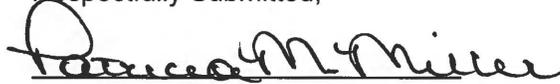
Ms. Patty Miller, Clerk Treasurer
260.925.6450 x1101
210 East Ninth Street
Auburn, Indiana 46706
Email: pmmiller@ci.auburn.in.us / Fax # 260.925.3358

Affected customers have been notified as required under 170 IAC 1-6-6. Notice will be published in the Evening Star on August 5, 2016. 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 2016 billing cycle, and remain in effect for twelve (12) months.

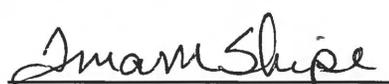
Respectfully Submitted,



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.


NOTARY PUBLIC

My Commission Expires:
August 12, 2023

My County of Residence
DeKalb

Auburn Municipal Electric Department

Customer Tracker Impact - Sensitivity Analysis, Based on Jan-2014 to May 2016 Records

Customer	No./Rate	Avg. Billing	kWh/month	Tracker	Increase/Customer
Rate Code 10 Residential	5181	\$ 62.56	800.7	\$ 0.011035	\$ 8.84 14.1%
Rate Code 16 All-Electric Residential	897	\$ 104.44	1,336.3	\$ 0.011035	\$ 14.75 14.1%
Rate Code 20 Large Residential				\$ 0.011035	
Rate Code 30 Commercial	684	\$ 115.34	1,334.7	\$ 0.011035	\$ 14.73 12.8%
Rate Code 35 3 Phase Commercial	261	\$ 529.72	5,450.1	\$ 0.011035	\$ 60.14 11.4%
Rate Code 39 3 Ph. Large Commercial	68	\$ 3,380.94	32,448.6	\$ 0.006739	\$ 218.69 6.5%
Rate Code 40 Large EHV Power					
Rate Code 41 Primary Large Power	11	\$ 26,552.30	313,890.2	\$ 0.006739	\$ 2,115.45 8.0%
Rate Code 42 Secondary Large Power	10	\$ 12,812.02	147,307.1	\$ 0.006739	\$ 992.77 7.7%
Rate Code 43 Primary Large Power	10	\$ 41,851.81	503,578.0	\$ 0.006739	\$ 3,393.85 8.1%
Rate Code 44 Secondary Large Power	2	\$ 4,071.38	58,925.0	\$ 0.006739	\$ 397.12 9.8%
Rate Code 45 High Voltage Large Power	1	\$ 369,036.45	5,512,277.8	\$ 0.006739	\$ 37,149.79 10.1%
Rate Code 45-T High Voltage Large Power	1	\$ 777,815.82	11,476,003.6	\$ 0.006739	\$ 77,342.09 9.9%

Auburn Municipal Electric Department
Cost Reconciliation Summation and Tracker Calculations

Wholesale Power Trackers:

Results of this analysis attempts to collect \$3,527,124 from September 2016 through August 2017.
Translated; The recovery calls for \$0.006739/kWh from Demand metered customers
and 0.011035/kWh from Energy Only metered customers.

Demand Metered Customers

Cost recovery applied uniformly from April 2016 through December 2016.

	Jul-Dec 2013	Jan-May 2014	Jun-Dec 2014	Jan-May 2015	Jun-Dec 2015	Jan-May 2016	Jun-Dec 2016	Totals	Proposed Tracker
Demand Capacity Component	\$ (99,395)	\$ 53,619	\$ (119,727)	\$ 51,347	\$ 408,867	\$ 336,897	\$ 1,213,275	\$ 1,844,884	\$ 0.005249 /kWh
Energy Component	\$ (37,385)	\$ (414,801)	\$ 43,473	\$ 270,625	\$ 511,541	\$ 524,244	\$ (374,013)	\$ 523,684	\$ 0.001490 /kWh
	\$ (136,780)	\$ (361,182)	\$ (76,253)	\$ 321,972	\$ 920,407	\$ 861,141	\$ 839,263	\$ 2,368,568	\$ 0.006739 /kWh
Energy Only Metered Customers		\$ (497,962)	\$ (574,215)	\$ (252,243)	\$ 668,164	\$ 1,529,305	\$ 2,368,568		\$ 3,527,124 Total

Cost recovery applied uniformly from April 2016 through December 2016.

	Jul-Dec 2013	Jan-May 2014	Jun-Dec 2014	Jan-May 2015	Jun-Dec 2015	Jan-May 2016	Jun-Dec 2016	Totals	Proposed Tracker
Demand Capacity Component	\$ (60,329)	\$ 33,507	\$ (72,669)	\$ 32,087	\$ 241,269	\$ 116,846	\$ 715,945	\$ 1,006,656	\$ 0.009588 /kWh
Energy Component	\$ (9,990)	\$ (122,587)	\$ 11,617	\$ 79,978	\$ 134,921	\$ 156,609	\$ (98,648)	\$ 151,901	\$ 0.001447 /kWh
	\$ (70,319)	\$ (89,080)	\$ (61,053)	\$ 112,065	\$ 376,190	\$ 273,455	\$ 617,297	\$ 1,158,557	\$ 0.011035 /kWh
		\$ (159,399)	\$ (220,451)	\$ (108,386)	\$ 267,804	\$ 541,259	\$ 1,158,557		

All Metered Customers

	Jul-Dec 2013	Jan-May 2014	Jun-Dec 2014	Jan-May 2015	Jun-Dec 2015	Jan-May 2016	Jun-Dec 2016	Totals	Sep 2016 - Aug 2017
Demand Capacity - kW	412,709	323,845	474,751	332,665	490,830	325,592	507,563	2,867,956	836,042 kW
Energy Consumption - kWh	221,439,353	186,145,998	262,177,233	183,872,595	267,188,118	184,171,999	269,467,201	1,574,462,497	456,436,637 kWh

Assume the trackers are approved in August and implemented in September 2016 through August 2017.

Auburn Wholesale Power Costs and Charges Approved during the Test Period

Effective Demand and Energy Wholesale Rate Calculations			IURC Cause No. 44472			
Line	Dollars	kW	(Exhibit A-2, B-21) kWh	(Exhibit A-3, System kW) 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	

Auburn Municipal Electric Department

Tracker Calculations for Wholesale Cost changes incurred from July through December 2013.

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

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	\$	16.675	Jul-13 to Dec-13 Billed Wholesale Demand Rate, \$/kW.
B	\$	17.05667	Wholesale Demand Rates Approved Per I.U.R.C. Order in Cause No. 44472, \$/kW.
C		412,709	Jul-13 to Dec-13 Metered and Billed 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		62.2293%	Demand Metered Customer share of Total Demand/Capacity Adjustment Dollars
F	\$	(159,723.39)	Total Demand Adjustment Tracker Dollars to be reconciled.
G	\$	(99,394.67)	Demand Metered Customer Share, \$
H	\$	(60,328.72)	Energy Only Metered Customer Share, \$

Energy Component

J	\$	7,237,083	Jul-13 to Dec-13 Wholesale Energy Charges; incl. Energy, Fuel, PJM OATT charges.
K		221,439,353	Jul-13 to Dec-13 Metered and Billed 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		78.9131%	Demand Metered Customer share of Total Energy Adjustment Dollars
P	\$	(47,375.18)	Total Energy Adjustment Tracker Dollars to be reconciled.
Q	\$	(37,385.21)	Demand Metered Customer Share, \$
R	\$	(9,989.97)	Energy Only Metered Customer Share, \$

Demand Metered Customer Wholesale Power Tracker:

Demand & Energy Components - Combined

G	\$	(99,394.67)	Demand Metered Customer share of Demand/Capacity Adjustment Dollars to be Reconciled
Q	\$	(37,385.21)	Demand Metered Customer share of Energy Adjustment Dollars to be Reconciled
G+Q	\$	(136,779.88)	Demand Metered Customer share of Total Adjustment Dollars to be Reconciled

Energy Only Metered Customer Wholesale Power Tracker:

Demand & Energy Components - Combined

H	\$	(60,328.72)	Energy Metered Customer share of Demand/Capacity Adjustment Dollars to be Reconciled
R	\$	(9,989.97)	Energy Metered Customer share of Energy Adjustment Dollars to be Reconciled
H+R	\$	(70,318.69)	Energy Metered Customer share of Total Adjustment Dollars to be Reconciled
G+Q+H+R	\$	(207,098.57)	Total Metered Customer Adjustment Dollars for the Reconciliation Period
F+P	\$	(207,098.57)	Check

Auburn Municipal Electric Department

Tracker Calculations for Wholesale Cost changes incurred from January through May 2014.

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

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	\$	17.322	Jan-14 to May-14 Billed Wholesale Demand Rate, \$/kW.
B	\$	17.05667	Wholesale Demand Rates Approved Per I.U.R.C. Order in Cause No. 44472, \$/kW.
C		323,845	Jan-14 to May-14 Metered and Billed 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		61.5421%	Demand Metered Customer share of Total Demand/Capacity Adjustment Dollars
F	\$	87,125.97	Total Demand Adjustment Tracker Dollars to be reconciled.
G	\$	53,619.15	Demand Metered Customer Share, \$
H	\$	33,506.83	Energy Only Metered Customer Share, \$

Energy Component

J	\$	5,592,932	Jan-14 to May-14 Wholesale Energy Charges; incl. Energy, Fuel, PJM OATT charges.
K		186,145,998	Jan-14 to May-14 Metered and Billed 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		77.1884%	Demand Metered Customer share of Total Energy Adjustment Dollars
P	\$	(537,387.78)	Total Energy Adjustment Tracker Dollars to be reconciled.
Q	\$	(414,800.95)	Demand Metered Customer Share, \$
R	\$	(122,586.83)	Energy Only Metered Customer Share, \$

Demand Metered Customer Wholesale Power Tracker:

Demand & Energy Components - Combined

G	\$	53,619.15	Demand Metered Customer share of Demand/Capacity Adjustment Dollars to be Reconciled
Q	\$	(414,800.95)	Demand Metered Customer share of Energy Adjustment Dollars to be Reconciled
G+Q	\$	(361,181.81)	Demand Metered Customer share of Total Adjustment Dollars to be Reconciled

Energy Only Metered Customer Wholesale Power Tracker:

Demand & Energy Components - Combined

H	\$	33,506.83	Energy Metered Customer share of Demand/Capacity Adjustment Dollars to be Reconciled
R	\$	(122,586.83)	Energy Metered Customer share of Energy Adjustment Dollars to be Reconciled
H+R	\$	(89,080.00)	Energy Metered Customer share of Total Adjustment Dollars to be Reconciled
G+Q+H+R	\$	(450,261.81)	Total Metered Customer Adjustment Dollars for the Reconciliation Period
F+P	\$	(450,261.81)	Check

Auburn Municipal Electric Department

Tracker Calculations for Wholesale Cost changes incurred from June through December 2014.

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

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	\$	16.657	Jun-14 to Dec-14 Billed Wholesale Demand Rate, \$/kW.
B	\$	17.05667	Wholesale Demand Rates Approved Per I.U.R.C. Order in Cause No. 44472, \$/kW.
C		474,751	Jun-14 to Dec-14 Metered and Billed 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		62.2293%	Demand Metered Customer share of Total Demand/Capacity Adjustment Dollars
F	\$	(192,396.05)	Total Demand Adjustment Tracker Dollars to be reconciled.
G	\$	(119,726.63)	Demand Metered Customer Share, \$
H	\$	(72,669.43)	Energy Only Metered Customer Share, \$

Energy Component

J	\$	8,678,125	Jun-14 to Dec-14 Wholesale Energy Charges; incl. Energy, Fuel, PJM OATT charges.
K		262,177,233	Jun-14 to Dec-14 Metered and Billed 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		78.9131%	Demand Metered Customer share of Total Energy Adjustment Dollars
P	\$	55,090.32	Total Energy Adjustment Tracker Dollars to be reconciled.
Q	\$	43,473.47	Demand Metered Customer Share, \$
R	\$	11,616.86	Energy Only Metered Customer Share, \$

Demand Metered Customer Wholesale Power Tracker:

Demand & Energy Components - Combined

G	\$	(119,726.63)	Demand Metered Customer share of Demand/Capacity Adjustment Dollars to be Reconciled
Q	\$	43,473.47	Demand Metered Customer share of Energy Adjustment Dollars to be Reconciled
G+Q	\$	(76,253.16)	Demand Metered Customer share of Total Adjustment Dollars to be Reconciled

Energy Only Metered Customer Wholesale Power Tracker:

Demand & Energy Components - Combined

H	\$	(72,669.43)	Energy Metered Customer share of Demand/Capacity Adjustment Dollars to be Reconciled
R	\$	11,616.86	Energy Metered Customer share of Energy Adjustment Dollars to be Reconciled
H+R	\$	(61,052.57)	Energy Metered Customer share of Total Adjustment Dollars to be Reconciled
G+Q+H+R	\$	(137,305.73)	Total Metered Customer Adjustment Dollars for the Reconciliation Period
F+P	\$	(137,305.73)	Check

Auburn Municipal Electric Department

Tracker Calculations for Wholesale Cost changes incurred from January through May 2015.

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

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	\$	17.304	Jan-15 to May-15 Billed Wholesale Rate, \$/kW.
B	\$	17.05667	Wholesale Demand Rates Approved Per I.U.R.C. Order in Cause No. 44472, \$/kW.
C		332,665	Jan-15 to May-15 Metered and Billed 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		61.5421%	Demand Metered Customer share of Total Demand/Capacity Adjustment Dollars
F	\$	83,433.86	Total Demand Adjustment Tracker Dollars to be reconciled.
G	\$	51,346.94	Demand Metered Customer Share, \$
H	\$	32,086.92	Energy Only Metered Customer Share, \$

Energy Component

J	\$	6,393,884	Jan-15 to May-15 Wholesale Energy Charges; incl. Energy, Fuel, PJM OATT charges.
K		183,872,595	Jan-15 to May-15 Metered and Billed 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		77.1884%	Demand Metered Customer share of Total Energy Adjustment Dollars
P	\$	350,603.20	Total Energy Adjustment Tracker Dollars to be reconciled.
Q	\$	270,624.95	Demand Metered Customer Share, \$
R	\$	79,978.25	Energy Only Metered Customer Share, \$

Demand Metered Customer Wholesale Power Tracker:

Demand & Energy Components - Combined

G	\$	51,346.94	Demand Metered Customer share of Demand/Capacity Adjustment Dollars to be Reconciled
Q	\$	270,624.95	Demand Metered Customer share of Energy Adjustment Dollars to be Reconciled
G+Q	\$	321,971.90	Demand Metered Customer share of Total Adjustment Dollars to be Reconciled

Energy Only Metered Customer Wholesale Power Tracker:

Demand & Energy Components - Combined

H	\$	32,086.92	Energy Metered Customer share of Demand/Capacity Adjustment Dollars to be Reconciled
R	\$	79,978.25	Energy Metered Customer share of Energy Adjustment Dollars to be Reconciled
H+R	\$	112,065.17	Energy Metered Customer share of Total Adjustment Dollars to be Reconciled
G+Q+H+R	\$	434,037.06	Total Metered Customer Adjustment Dollars for the Reconciliation Period
F+P	\$	434,037.06	Check

Auburn Municipal Electric Department

Tracker Calculations for Wholesale Cost changes incurred from June through December 2015.

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

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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	\$	17.742	Jun-15 to Dec-15 Billed Wholesale Demand Rate, \$/kW.
B	\$	17.05667	Wholesale Demand Rates Approved Per I.U.R.C. Order in Cause No. 44472, \$/kW.
C		490,830	Jun-15 to Dec-15 Metered and Billed Wholesale Demand, kW.
D ₁	\$	304,796.22	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		62.8894%	Demand Metered Customer share of Total Demand/Capacity Adjustment Dollars
F	\$	650,135.70	Total Demand Adjustment Tracker Dollars to be reconciled.
G	\$	408,866.55	Demand Metered Customer Share, \$
H	\$	241,269.15	Energy Only Metered Customer Share, \$

Energy Component

J	\$	9,165,676	Jun-15 to Dec-15 Wholesale Energy Charges; incl. Energy, Fuel, PJM OATT charges.
K		267,188,118	Jun-15 to Dec-15 Metered and Billed Wholesale Energy Consumption, kWh.
L	\$	0.032893	Wholesale Energy Rates Approved Per I.U.R.C. Order in Cause No. 44472, \$/kWh.
M ₁	\$	260,478.67	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		79.1293%	Demand Metered Customer share of Total Energy Adjustment Dollars
P	\$	646,461.74	Total Energy Adjustment Tracker Dollars to be reconciled.
Q	\$	511,540.57	Demand Metered Customer Share, \$
R	\$	134,921.18	Energy Only Metered Customer Share, \$

Demand Metered Customer Wholesale Power Tracker:

Demand & Energy Components - Combined

G	\$	408,866.55	Demand Metered Customer share of Demand/Capacity Adjustment Dollars to be Reconciled
Q	\$	511,540.57	Demand Metered Customer share of Energy Adjustment Dollars to be Reconciled
G+Q	\$	920,407.12	Demand Metered Customer share of Total Adjustment Dollars to be Reconciled

Energy Only Metered Customer Wholesale Power Tracker:

Demand & Energy Components - Combined

H	\$	241,269.15	Energy Metered Customer share of Demand/Capacity Adjustment Dollars to be Reconciled
R	\$	134,921.18	Energy Metered Customer share of Energy Adjustment Dollars to be Reconciled
H+R	\$	376,190.33	Energy Metered Customer share of Total Adjustment Dollars to be Reconciled
G+Q+H+R	\$	1,296,597.44	Total Metered Customer Adjustment Dollars for the Reconciliation Period
F+P	\$	1,296,597.44	Check

Auburn Municipal Electric Department

Tracker Calculations for Wholesale Cost changes incurred from January through May 2016.

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

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	\$	18.431	Jan-16 to May-16 Billed Wholesale Rate, \$/kW.
B	\$	17.05667	Wholesale Demand Rates Approved Per I.U.R.C. Order in Cause No. 44472, \$/kW.
C		325,592	Jan-16 to May-16 Metered and Billed 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		74.2484%	Demand Metered Customer share of Total Demand/Capacity Adjustment Dollars
F	\$	453,743.33	Total Demand Adjustment Tracker Dollars to be reconciled.
G	\$	336,897.12	Demand Metered Customer Share, \$
H	\$	116,846.21	Energy Only Metered Customer Share, \$

Energy Component

J	\$	6,729,422	Jan-16 to May-16 Wholesale Energy Charges; incl. Energy, Fuel, PJM OATT charges.
K		184,171,999	Jan-16 to May-16 Metered and Billed 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		76.9981%	Demand Metered Customer share of Total Energy Adjustment Dollars
P	\$	680,852.68	Total Energy Adjustment Tracker Dollars to be reconciled.
Q	\$	524,243.65	Demand Metered Customer Share, \$
R	\$	156,609.03	Energy Only Metered Customer Share, \$

Demand Metered Customer Wholesale Power Tracker:

Demand & Energy Components - Combined

G	\$	336,897.12	Demand Metered Customer share of Demand/Capacity Adjustment Dollars to be Reconciled
Q	\$	524,243.65	Demand Metered Customer share of Energy Adjustment Dollars to be Reconciled
G+Q	\$	861,140.77	Demand Metered Customer share of Total Adjustment Dollars to be Reconciled

Energy Only Metered Customer Wholesale Power Tracker:

Demand & Energy Components - Combined

H	\$	116,846.21	Energy Metered Customer share of Demand/Capacity Adjustment Dollars to be Reconciled
R	\$	156,609.03	Energy Metered Customer share of Energy Adjustment Dollars to be Reconciled
H+R	\$	273,455.24	Energy Metered Customer share of Total Adjustment Dollars to be Reconciled

G+Q+H+R	\$	1,134,596.01	Total Metered Customer Adjustment Dollars for the Reconciliation Period
F+P	\$	1,134,596.01	Check

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.

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	\$	19.296	Jun-16 to Dec-16 Billed Wholesale Rate, \$/kW.
B	\$	17.05667	Wholesale Demand Rates Approved Per I.U.R.C. Order in Cause No. 44472, \$/kW.
C		507,563	Jun-16 to Dec-16 Projected Wholesale Demand, kW.
D ₁	\$	765,981.37	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		62.8894%	Demand Metered Customer share of Total Demand/Capacity Adjustment Dollars
F	\$	1,929,220.12	Total Demand Adjustment Tracker Dollars to be reconciled.
G	\$	1,213,275.29	Demand Metered Customer Share, \$
H	\$	715,944.83	Energy Only Metered Customer Share, \$

Energy Component

J	\$	9,025,266	Jun-16 to Dec-16 Wholesale Energy Charges; incl. Energy, Fuel, PJM OATT charges.
K		269,467,201	Jun-16 to Dec-16 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	\$	(627,816.35)	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		79.1293%	Demand Metered Customer share of Total Energy Adjustment Dollars
P	\$	(472,660.24)	Total Energy Adjustment Tracker Dollars to be reconciled.
Q	\$	(374,012.68)	Demand Metered Customer Share, \$
R	\$	(98,647.56)	Energy Only Metered Customer Share, \$

Demand Metered Customer Wholesale Power Tracker:

Demand & Energy Components - Combined

G	\$	1,213,275.29	Demand Metered Customer share of Demand/Capacity Adjustment Dollars to be Reconciled
Q	\$	(374,012.68)	Demand Metered Customer share of Energy Adjustment Dollars to be Reconciled
G+Q	\$	839,262.61	Demand Metered Customer share of Total Adjustment Dollars to be Reconciled

Energy Only Metered Customer Wholesale Power Tracker:

Demand & Energy Components - Combined

H	\$	715,944.83	Energy Metered Customer share of Demand/Capacity Adjustment Dollars to be Reconciled
R	\$	(98,647.56)	Energy Metered Customer share of Energy Adjustment Dollars to be Reconciled
H+R	\$	617,297.27	Energy Metered Customer share of Total Adjustment Dollars to be Reconciled
G+Q+H+R	\$	1,456,559.88	Total Metered Customer Adjustment Dollars for the Reconciliation Period
F+P	\$	1,456,559.88	Check

**Auburn Municipal Electric Department
Demand Allocation for Demand Metered Customers**

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-14	71,165	06/18/14 @ 14:00	30,266	13,316	43,583
July-14	73,408	7/22/14 @ 17:00	31,839	12,803	44,641
August-14	71,954	8/25/14 @ 18:00	23,730	14,680	38,410
September-14	64,814	9/8/14 @ 14:00	27,776	14,136	41,912
October-14	61,984	10/27/14 @ 11:00	30,051	13,611	43,662
November-14	66,528	11/18/14 @ 13:00	28,966	14,473	43,439
December-14	64,898	12/2/14 @ 20:00	27,202	12,585	39,787
January-15	68,737	1/8/15 @ 20:00	27,377	12,572	39,949
February-15	67,267	2/19/15 @ 21:00	24,619	12,095	36,714
March-15	65,789	3/6/15 @ 7:00	27,209	11,395	38,604
April-15	61,950	4/9/15 @ 14:00	29,169	14,287	43,456
May-15	68,922	5/18/15 @ 15:00	29,813	16,193	46,006
June-15	72,450	6/22/15 @ 16:00	29,498	16,162	45,660
July-15	75,911	7/29/15 @ 16:00	27,664	16,344	44,008
August-15	74,424	8/31/15 @ 16:00	29,616	15,969	45,585
September-15	76,583	9/2/15 @ 15:00	28,463	17,674	46,137
October-15	62,345	10/5/15 @ 20:00	31,389	10,915	42,304
November-15	64,613	11/24/15 @ 20:00	31,279	11,727	43,006
December-15	64,504	12/17/15 @ 20:00	25,235	16,745	41,980
January-16	67,872	01/11/16 @ 20:00	31,941	16,009	47,950
February-16	65,310	02/10/16 @ 21:00	29,715	18,218	47,933
March-16	64,159	03/01/16 @ 21:00	30,331	16,519	46,850
April-16	61,547	04/25/16 @ 12:00	29,071	21,729	50,800
May-16	66,704	05/31/16 @ 16:00	26,971	21,243	48,214
June-16	74,920	06/20/16 @ 14:00	28,700	23,548	52,248

Total 1,698,758 kWD
Average 67,950 kWD

Total = 808,843

Energy Only	Demand
52.3862%	47.6138%

June-14 thru Dec-14	37.7707%	62.2293%
Jan-15 thru May-15	38.4579%	61.5421%
June-15 thru Dec-15	37.1106%	62.8894%
Jan-16 thru May-16	25.7516%	74.2484%

**Auburn
Forecasted Rates**

Provided by I&M October 21, 2015 (with Spectrum adjustment for Jan-Dec 2016)

Forecast Year [Note 1]	Average Monthly Peak		Energy Rate	Fuel Rate	Demand Rate	Energy Charge	Fuel Charge	Demand Charge	Total Charge	Forecasted Realization	Realization Range [Note 4]	
	Energy kWh	kWD									\$/kWh	\$/kWh
	(1)	(2)	(3)	(4)	(5)	(6)=(1)×(3)	(7)=(1)×(4)	(8)=12×(2)×(5)	(9)=(6)+(7)+(8)	(10)=(9)/(1)	(11)	
(a) 2015	449,284,557	67,806.0	0.011284	0.016903	17.170	5,069,866	7,594,084	13,970,505	26,634,255	59.3	59.0	to 59.9
(a1) Ja-Ma 2016	185,564,098	65,695.7	0.0121126	0.0147672	18.431	2,247,864	2,740,262	6,054,191	11,042,116	59.5	Composite forecast added by Spectrum	
(a2) Jn-Dec 2016	269,467,201	72,509.1	0.0102889	0.0164313	19.296	2,772,521	4,427,696	9,793,943	16,994,161	63.1	Composite forecast added by Spectrum	
(b) 2016	455,210,166	64,497.5	0.010909	0.017624	16.599	4,965,751	8,022,427	12,847,018	25,835,197	56.8	56.2	to 57.9
(c) 2017	448,726,645	63,752.6	0.011182	0.016038	17.015	5,017,835	7,196,542	13,017,232	25,231,610	56.2	55.7	to 57.4

Notes and Assumptions

1. The values shown for each year are a forecast of what your electricity will ultimately cost, including payments during the calendar year shown plus the reconciliation (i.e., "true-up") associated with that calendar year that will be computed and either charged or credited after the end of the year. The "As billed" rates are the following:
 - (a) The demand and energy rates based on 2015 costs will be billed from June 2016 through May 2017. Fuel rates are billed two months in arrears.
 - (b) The demand and energy rates based on 2016 costs will be billed from June 2017 through May 2018. Fuel rates are billed two months in arrears.
 - (c) The demand and energy rates based on 2017 costs will be billed from June 2018 through May 2019. Fuel rates are billed two months in arrears.
2. Rates do not include transmission charges.
3. Values are based on I&M actual costs for January through June of 2015 and your actual billed energy and demand for January through August of 2015. Other 2015 costs and all 2016 and 2017 costs are forecast only. Your actual costs will be based on FF1 information following the applicable year.
4. These forecasted rates are estimates only. Future unknowns will impact these rates that may result in them falling outside the realization range shown. Factors such as
 - (a) changes in operations and maintenance costs, (b) changes in capital expenditure, (c) weather, (d) financial impacts, (e) plant performance, (f) fuel costs, (g) tax effects, (h) and other unforeseen circumstances.

**CITY OF AUBURN, INDIANA
WHOLESALE BILLING DETERMINANTS**

<u>DATE</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-13	\$0.00	71,441.996	38,759.522	1,191,295.28	384,068.10	794,097.33	42,492.56	2,411,953.27	check
Jul-13	\$0.00	75,491.000	38,840.018	1,258,812.43	384,865.74	883,920.79	187,113.30	2,714,712.26	check
Aug-13	\$0.00	73,214.396	40,887.788	1,220,850.05	405,157.09	457,432.70	187,481.13	2,271,112.97	check
Sep-13	\$0.00	73,945.200	36,353.602	1,233,036.21	360,227.85	633,530.66	181,897.62	2,408,692.34	check
Oct-13	\$0.00	62,991.600	37,701.290	1,050,384.93	373,582.08	629,360.17	187,290.15	2,240,617.33	check
Nov-13	\$0.00	62,941.200	35,232.858	1,049,544.51	349,122.39	370,356.01	181,694.17	1,950,717.08	check
Dec-13	\$0.00	64,125.600	32,423.797	1,069,294.38	321,287.40	956,231.22	186,532.70	2,533,345.70	check
-		412,708.996	221,439.353	6,881,922.51	2,194,242.55	3,930,831.55	1,112,009.07	14,119,197.68	
Jan-14	\$0.00	65,771.995	38,637.940	1,139,302.58	397,731.23	908,002.28	224,783.30	2,669,819.39	check
Feb-14	\$0.00	65,033.000	35,791.481	1,126,498.16	368,430.19	420,599.24	205,381.75	2,120,909.34	check
Mar-14	\$0.00	65,293.195	39,620.295	1,131,008.81	407,843.39	360,684.25	224,865.31	2,124,401.76	check
Apr-14	\$0.00	62,059.197	35,638.300	1,074,989.46	366,853.54	394,285.63	219,241.60	2,055,370.23	check
May-14	\$0.00	65,688.000	36,457.982	1,137,847.54	375,290.99	492,982.61	225,956.46	2,232,077.60	check
-		323,845.387	186,145.998	5,609,646.55	1,916,149.34	2,576,554.01	1,100,228.42	11,202,578.32	
Jun-14	\$188,906.90	71,165.000	38,098.438	1,185,392.07	417,894.00	556,728.20	221,787.55	2,381,801.82	check
Jul-14	\$0.00	73,407.596	39,063.862	1,222,750.39	428,483.69	592,315.89	270,281.05	2,513,831.02	check
Aug-14	\$0.00	71,954.000	39,988.455	1,198,544.44	438,625.31	636,540.60	270,488.98	2,544,199.33	check
Sep-14	\$0.00	64,814.397	34,559.883	1,079,613.46	379,080.45	453,925.67	262,980.03	2,175,599.61	check
Oct-14	\$0.00	61,984.000	37,901.078	1,032,460.83	415,729.32	552,832.35	271,040.10	2,272,062.60	check
Nov-14	\$0.00	66,528.000	36,255.801	1,108,156.90	397,682.63	374,965.14	262,991.21	2,143,795.88	check
Dec-14	\$0.00	64,898.000	36,309.716	1,081,012.65	398,273.88	805,143.79	270,335.15	2,554,765.47	check
-		474,750.993	262,177.233	7,907,930.74	2,875,769.28	3,972,451.64	1,829,904.07	16,586,055.730	
Jan-15	\$0.00	68,737.000	39,398.455	1,189,428.51	448,937.57	1,007,977.72	238,059.42	2,884,403.22	check
Feb-15	\$0.00	67,267.000	35,785.200	1,163,991.63	407,765.10	292,703.52	217,148.43	2,081,608.68	check
Mar-15	\$0.00	65,789.000	38,514.763	1,138,409.40	438,868.02	578,911.16	238,337.87	2,394,526.45	check
Apr-15	\$0.00	61,950.000	35,563.829	1,071,982.80	405,242.78	779,684.07	232,109.80	2,489,019.45	check
May-15	\$0.00	68,922.000	34,610.348	1,192,626.29	394,378.00	474,938.24	238,821.80	2,300,764.33	check
-		332,665.000	183,872.595	5,756,438.63	2,095,191.47	3,134,214.71	1,164,477.32	12,150,322.130	

