

**AUBURN MUNICIPAL  
ELECTRIC DEPARTMENT**

Auburn, Indiana

**Wholesale Power Tracker**

proposed for

**January 2016 - May 2016**

November 23, 2015

November 23, 2015

**Via Email**

*Brenda A. Howe*  
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. Howe:

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 for the previous year 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:

Demand Metered Tarriffs to increase \$0.016195 from zero to \$0.016195 per kWh.

Non-Demand Metered Tarriffs to increase \$0.018731 from zero to \$0.018731per kWh.

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

Ms. Patricia M. Miller, Clerk Treasurer  
260.925.6450 x1101  
210 East Ninth Street, PO Box 506  
Auburn, Indiana 46706  
Email: [pmmiller@ci.auburn.in.us](mailto:pmmiller@ci.auburn.in.us) / Fax # 260.925.3358

Affected customers will be notified as required under 170 IAC 1-6-6. Notice will be published in The Star on or about Monday November 30, 2015. 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.



## NOTICE OF PROPOSED RATE CHANGE BY AUBURN CITY ELECTRIC UTILITY

Notice is hereby given to rate payers of the municipally owned electric utility and other interested persons of the following Wholesale Power Factor Tracker change for January 1, 2016. The City of Auburn, Indiana under the Indiana Utility Regulatory Commission and pursuant to 170IAC 1-6-1 and in accordance with Cause No. 44472, hereby file with the Commission for its approval and increase in its Wholesale Power Cost Trackers for Demand Metered Tariffs for electricity sold in the amount of per kilowatt hours (kWh) for a new rate of 0.016195 per kWh and for Non-Demand Metered Tariffs for electricity sold in the amount of per kWh for a new rate of 0.018731 per kWh.

The utility has made a filing with the Indiana Utility Regulatory Commission for approval of the Rate Change. If approved, the rate change will take effect for bills to be rendered beginning with January 1, 2016 billing.

Objections should be submitted to: The Indiana Utility Regulatory Commission, 101 W Washington Street, Suite 1500 East, Indianapolis IN 46204 and/or Office of Utility Consumer Counselor, 115 W Washington Street, Suite 1500 South, Indianapolis IN 46204.

Patricia M. Miller  
Clerk-Treasurer  
City of Auburn, IN

in Auburn's demand metered energy rate will be subtracted from this adjusted wholesale energy power rate to develop a charge (positive number) or credit (negative number). This difference will be collected or credited from demand metered Customers through a \$/kWh charge by rate class.

B. The monthly wholesale power cost that is not assignable to the demand metered Rate Codes will be assigned to energy only metered ratepayers and Lighting Rate Schedules MSL and OSL. This monthly wholesale power cost will be divided by the sum of the monthly energy of the energy-only metered ratepayers and the Lighting Rate Schedules to develop a wholesale power cost rate that is applicable to energy-only metered ratepayers and the Lighting Rate Schedules. Since the Lighting Rate Schedules energy consumption is not metered, an energy consumption of 1,343,640/12 kWh will be used to calculate the monthly wholesale power cost rate. The calculated wholesale power cost rate will be subtracted from the wholesale power cost rate included in the authorized rates, as shown above, to develop a charge (positive number) or credit (negative number). The charge or credit for the Lighting Rate Schedules will be multiplied by the energy consumption of 1,343,640/12 kWh to develop a monthly amount to be collected from all Customers. This charge or credit will be collected from all other Customers on a kWh basis. This charge or credit will be collected from all Customers, excluding the Lighting Rate Schedules.

C. Since initial Wholesale Power Tracking Factors are based on forecasted data, all projected wholesale power costs will be reconciled with actual wholesale power cost and revenues collected. This reconciliation will be performed separately for demand metered and energy-only metered Customers. For the demand metered Customers, 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, effective January 1, 2016 in accordance with the 30 day filing dated November 23, 2015 with the date of the Order in Cause No. 44472 from the Indiana Utility Regulatory Commission, are \$0/kWh and \$0.016195/kWh for demand metered Customers and \$0.018731/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 November October 1, 2011 is \$0.000000 per kWh per month.

- **System Sales Adjustment Tracking Factor**

Notice is hereby given to rate payers of the municipally owned electric utility and other interested persons that the following System Sales Adjustment Tracking Factor effective October 1, 2011 is \$0.000000 per kWh per month.

**Wholesale Power Trackers: Demand Metered Customers Only**

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**Wholesale Power Trackers: Demand Metered Customers Only**

**Auburn Municipal Electric Department  
Tracker Summation**

**Wholesale Power Trackers:**

**Demand Metered Customers**

*Cost recovery from June 2015 through December 2015.*

*Applied uniformly over all of 2016.*

Demand Capacity Component	0.001062
Energy Component	0.006333
Lighting Component	0.000018
	0.007413

*Cost recovery from Jan 2016 through May 2016. Applied uniformly through May 2016.*

Demand Capacity Component	(0.000377)
Energy Component	0.009133
Lighting Component	0.000026
	0.008782

**Demand Metered Customers** 0.016195 \$/kWh

**Non-Demand metered Customers**

*Cost recovery from June 2015 through December 2015.*

*Applied uniformly over all of 2016.*

Demand and Energy Component	0.009858
Lighting Component	0.000018
	0.009876

*Cost recovery from Jan 2016 through May 2016. Applied uniformly through May 2016.*

Demand and Energy Component	0.008829
Lighting Component	0.000026
	0.008855 \$/kWh

**Non-Demand Metered Customers** 0.018731 \$/kWh

**Auburn Municipal Electric Department  
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**Wholesale Power Trackers:**

**Demand Metered Customers**

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**Demand Metered Customers** 0.016195 \$/kWh

**Non-Demand metered Customers**

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*Applied uniformly over all of 2016.*

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Demand and Energy Component	0.008829
Lighting Component	0.000026
	0.008855 \$/kWh

**Non-Demand Metered Customers** 0.018731 \$/kWh

**Auburn Municipal Electric Department**

**Tracker Calculations for costs incurred June through December 2015 spread over 12 months**

These components expire December 31, 2016

**Wholesale Power Trackers: Demand Metered Customers Only**

Demand Capacity Component

A	17.742	Projected \$/kW Demand charge the wholesale supplier charges the City of Auburn
B	17.1992	\$/kW Demand charge included in rates authorized by the IURC
C	159,991	Total Projected demand kW charged by the wholesale supplier for Demand Metered Customers
D	0.01705	Loss factor for Demand Metered Customers only which is 50% of the total system loss factor
E	\$ 186,709	Prior period True Up and Interest charges directly related to Demand Charges for Demand metered Customers only
F	176,970,111	Total demand metered Customers projected kWh for timeframe the tracker will be in effect
G	0.001062	Tracker charge or credit in \$/kWh (*special - spread evenly over all of 2016)

Energy Component

K	\$ 7,387,187	Projected Energy charges, which include, Energy, Fuel, and PJM OATT market charges, the wholesale supplier charges the City of Auburn over life of tracker
L	176,970,111	Projected Total kWh retail sales of demand metered customers over life of tracker
M	0.033122	\$/kWh Energy Charge for demand metered Customers included in rates authorized by IURC
N	0.00224	Prior period True Up and Interest charges on a \$/kWh basis for applicable Demand Metered Rate Code ratepayers or rate class
O	0.006333	Tracker charge or credit in \$/kWh (*special - spread evenly over all of 2016)

**Wholesale Power Tracker: Non-Demand Metered Customers Only**

Demand & Energy Component

A	\$ 6,702,699	Projected Total demand and Energy costs the wholesale supplier charges the city of Auburn not included in the Demand Metered Wholesale Power Trackers
B	85,112,548	Projected retail sales in kWh from Non-Demand metered Customers including Lighting
C	0.065597	Wholesale power costs (\$/kWh) included in rates authorized by IURC for Non-Demand metered Customers
D	\$ 318,671	Prior period True Up and Interest charges not included in the Demand Metered Wholesale Power Trackers
E	0.009858	tracker charge or credit in \$/kWh (*special - spread evenly over all of 2016)

**Wholesale Power tracker: All Customers**

Lighting Component

F	0.009858	Wholesale Power Tracker Non-Demand Metered Customers in \$/kWh
G	783,790	Projected Lighting retail sales in kWh
H	262,082,658	Projected Total kWh retail sales
I	0.000018	Lighting Tracker charge or credit in \$/kWh (*special - spread evenly over all of 2016)

**Auburn Municipal Electric Department**

**Tracker Calculations for costs incurred January through May 2016 spread over 5 months**

These components expire May 31, 2016. New components to be calculated based on AEP report due May 2016.

**Wholesale Power Trackers: Demand Metered Customers Only**

Demand Capacity Component

A	16.599	Projected \$/kW Demand charge the wholesale supplier charges the City of Auburn
B	17.1992	\$/kW Demand charge included in rates authorized by the IURC
C	152184	Total Projected demand kW charged by the wholesale supplier for Demand Metered Customers
D	0.01705	Loss factor for Demand Metered Customers only which is 50% of the total system loss factor
E	-	Prior period True Up and Interest charges directly related to Demand Charges for Demand metered Customers only
F	128,074,405	Total demand metered Customers projected kWh for timeframe the tracker will be in effect
G	-0.000377	Tracker charge or credit in \$/kWh

Energy Component

K	\$ 5,411,741	Projected Energy charges, which include, Energy, Fuel, and PJM OATT market charges, the wholesale supplier charges the City of Auburn over life of tracker
L	128,074,405	Projected Total kWh retail sales of demand metered customers over life of tracker
M	0.033122	\$/kWh Energy Charge for demand metered Customers included in rates authorized by IURC
N	-	Prior period True Up and Interest charges on a \$/kWh basis for applicable Demand Metered Rate Code ratepayers or rate class
O	0.009133	Tracker charge or credit in \$/kWh

**Wholesale Power Tracker: Non-Demand Metered Customers Only**

Demand & Energy Component

A	\$ 4,584,331	Projected Total demand and Energy costs the wholesale supplier charges the city of Auburn not included in the Demand Metered Wholesale Power Trackers
B	61,596,497	Projected retail sales in kWh from Non-Demand metered Customers including Lighting
C	0.065597	Wholesale power costs (\$/kWh) included in rates authorized by IURC for Non-Demand metered Customers
D	0	Prior period True Up and Interest charges not included in the Demand Metered Wholesale Power Trackers
E	0.008829	tracker charge or credit in \$/kWh

**Wholesale Power tracker: All Customers**

Lighting Component

F	0.008829	Wholesale Power Tracker Non-Demand Metered Customers in \$/kWh
G	559,850	Projected Lighting retail sales in kWh
H	189,670,902	Projected Total kWh retail sales
I	0.000026	Lighting Tracker charge or credit in \$/kWh

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

Rate Code	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	JUN14 -MAY15
39 EL	2,013,600	2,218,640	2,504,480	2,592,720	1,939,780	2,402,320	2,043,790	2,244,270	2,278,568	2,133,466	2,022,886	2,011,782	2,155,852	2,234,326	26,406,302
41 EL	3,417,672	4,010,270	4,000,980	3,997,153	3,664,572	3,918,246	3,121,505	3,251,208	3,465,864	3,043,392	3,356,280	3,283,491	3,319,451	3,748,786	42,530,634
42 EL	1,349,547	1,450,887	1,548,142	1,647,579	1,342,940	1,602,640	1,234,740	1,415,384	1,348,781	1,321,424	1,392,932	1,431,440	1,469,472	1,606,268	17,086,435
43 EL	4,908,994	5,718,256	4,934,632	5,131,355	6,078,477	6,582,613	4,246,757	4,407,686	4,752,598	4,593,348	4,971,978	5,174,758	5,415,516	5,718,256	61,501,453
44 EL	108,120	122,400	116,040	127,680	110,880	133,320	109,440	125,160	121,320	110,160	116,280	116,280	124,200	117,960	1,417,080
45 EL	16,316,720	17,173,170	17,506,930	18,402,802	15,004,777	19,861,667	15,302,244	15,879,926	20,257,720	15,556,423	5,653,766	5,660,422	5,896,545	5,831,494	182,576,566
45T EL	-	-	-	-	-	-	-	-	-	-	12,036,203	11,238,217	9,069,790	11,705,541	23,274,420
<b>Total</b>	<b>28,114,654</b>	<b>30,693,624</b>	<b>30,611,204</b>	<b>31,899,289</b>	<b>28,141,426</b>	<b>34,500,806</b>	<b>26,058,477</b>	<b>27,323,634</b>	<b>32,224,850</b>	<b>26,758,213</b>	<b>29,550,325</b>	<b>28,916,390</b>	<b>27,450,826</b>	<b>30,962,631</b>	<b>354,792,891</b>
<b>Total kWh consumption</b>	<b>38,098,438</b>	<b>39,063,862</b>	<b>39,988,455</b>	<b>34,559,883</b>	<b>37,901,078</b>	<b>36,255,801</b>	<b>36,309,716</b>	<b>39,398,455</b>	<b>35,785,200</b>	<b>38,514,763</b>	<b>35,563,829</b>	<b>34,610,348</b>	<b>39,140,178</b>	<b>40,238,065</b>	<b>525,428,071</b>

**Jun 2014 thru May 2015**

Demand Metered	354,792,891	67.52%	Energy Allocation - demand metered customers
Non demand	170,635,181	32.48%	Energy Allocation - non-demand metered customers
<b>Total</b>	<b>525,428,071</b>		

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

Month	Peak KWD	time of peak	Rate 39 EL+ Less big three	MTA/Guardian/ Cooper	Total Demand Metered	
June-14	71165	06/18/14 @ 14:00	<i>Data not readily available</i>			
July-14	73408	7/22/14 @ 17:00	<i>Data not readily available</i>			
August-14	71954	8/25/14 @ 18:00	4,680	23,730	28,410	39.5%
September-14	64814	9/8/14 @ 14:00	4,136	27,776	31,912	49.2%
October-14	61984	10/27/14 @ 11:00	3,611	30,051	33,662	54.3%
November-14	66528	11/18/14 @ 13:00	3,961	28,966	32,927	49.5%
December-14	64898	12/2/14 @ 20:00	3,909	27,202	31,111	47.9%
January-15	68734	1/8/15 @ 20:00	3,691	27,377	31,068	45.2%
February-15	67267	2/19/15 @ 21:00	3,661	24,619	28,280	42.0%
March-15	65789	3/6/15 @ 7:00	2,914	27,209	30,123	45.8%
April-15	61950	4/9/15 @ 14:00	3,556	29,169	32,725	52.8%
May-15	68922	5/18/15 @ 15:00	4,462	29,813	34,275	49.7%
June-15	72450	6/22/15 @ 16:00	4,661	29,498	34,159	47.1%
July-15	75911	7/29/15 @ 16:00	5,051	27,664	<u>32,715</u>	43.1%
					381,367	

67,600

Average	47.2%	Demand Allocation - demand metered customers
Average	52.8%	Demand Allocation - non-demand metered customers
Median	47.5%	Demand Allocation - demand metered customers
Median	52.5%	Demand Allocation - non-demand metered customers

**Auburn Municipal Electric Department  
Tracker Forecast based on June - May Year**

Reported System Loss Factor            3.410%  
50% for Demand metered                1.705%

AEP Forecast for Auburn (provided Oct 2015)								
YEAR	ENERGY kWh	Avg Monthly Peak kW	Energy Growth from 2014	Demand Growth from 2014	Energy Charge	Fuel Charge	Demand Charge	Total Charge
2014	443,214,581	66,270			\$ 4,863,565	\$ 6,510,724	\$ 13,251,544	\$ 24,625,833
2015	449,284,557	67,806	1.37%	2.32%	\$ 5,069,666	\$ 7,594,084	\$ 13,970,505	\$ 26,634,255
2016	455,210,166	64,498	2.71%	-2.67%	\$ 4,965,751	\$ 8,022,427	\$ 12,847,018	\$ 25,835,197
2017	448,726,645	63,753	1.24%	-3.80%	\$ 5,017,835	\$ 7,196,542	\$ 13,017,232	\$ 25,231,610

Forecasted Consumption for Tracker Life

June 2015 thru Dec 2015	262,082,658	\$ 2,957,305	\$ 4,429,882	\$ 8,149,461	\$ 15,536,649
Jan 2016 thru May 2016	<u>189,670,902</u>	<u>\$ 2,069,063</u>	<u>\$ 3,342,678</u>	<u>\$ 5,352,924</u>	<u>\$ 10,764,665</u>
	451,753,560	\$ 5,026,368	\$ 7,772,560	\$ 13,502,386	\$ 26,301,314

**Auburn**  
**Forecasted Rates**  
 Provided by I&M October 21, 2015

Forecast Year	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									
[Note 1]	kWh	kWD	\$/kWh	\$/kWh	\$/kW					\$/MWh	\$/MWh
	(1)	(2)	(3)	(4)	(5)	(6)=(1)x(3)	(7)=(1)x(4)	(8)=12x(2)x(5)	(9)=(6)+(7)+(8)	(10)=(9)/(1)	(11)
<b>(A) 2015</b>	449,284,557	67,806.0	0.011284	0.016903	17.170	5,069,666	7,594,084	13,970,505	26,634,255	59.3	59.0 to 59.9
<b>(B) 2016</b>	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
<b>(C) 2017</b>	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

Actual Billed \$/kW = 17.742

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. These factors include,