



"Home of the Classics"

Patricia M. Miller
Clerk-Treasurer

Clerk-Treasurer's Office

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Received: September 12, 2017
IURC 30-Day Filing No.: 50080
Indiana Utility Regulatory Commission

September 8, 2017

Via Email

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.

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) for the five months beginning November 2017 through March 2018. 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 \$0.000703 from \$0.008379 to \$0.007676 per kWh.
Energy Only Metered Tariffs to decrease \$0.000752 from \$0.009649 to \$0.008897 per 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
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 no later than September 11, 2017. 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.

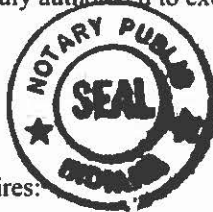
All of the matters and facts stated herein and in the attached exhibits are true and correct. If approved, this change of rates shall take effect beginning with the November 2017 billing cycle, and remain in effect for five (5) months.

Respectfully Submitted,

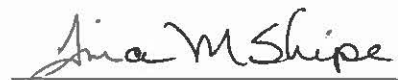

Patricia M. Miller, Clerk-Treasurer

STATE OF INDIANA)
)
COUNTY OF DEKALB)

Personally appeared before me, a Notary Public in and for said county and State, this 6th day of September 2017, 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


Tina M. Shipe, NOTARY PUBLIC
County of Residence:
DeKalb

**AUBURN MUNICIPAL
ELECTRIC DEPARTMENT**

Auburn, Indiana

**Wholesale Power and
Fuel Adjustment Cost Tracker**

proposed for

Five Months beginning November 2017

Revised 9/8/2017

**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	\$ 71.84	801	\$ (0.60) -0.84%	\$ 64.11	\$ 7.13	71.24
Rate Code 16 All-Electric Residential	897	\$ 117.33	1,336	\$ (1.00) -0.86%	\$ 104.44	\$ 11.89	116.33
Rate Code 20 Large Residential		\$ 191.29	2,000	\$ (1.50) -0.78%	\$ 172.00	\$ 17.79	189.79
Rate Code 30 Commercial	684	\$ 128.22	1,335	\$ (1.00) -0.78%	\$ 115.34	\$ 11.88	127.22
Rate Code 35 3 Phase Commercial	261	\$ 582.30	5,450	\$ (4.09) -0.70%	\$ 529.72	\$ 48.49	578.21
Rate Code 39 3 Ph. Large Commercial	68	\$ 3,652.81	32,449	\$ (22.78) -0.62%	\$ 3,380.94	\$ 249.09	3,630.03
Rate Code 40 Large EHV Power							
Rate Code 41 Primary Large Power	11	\$ 29,182.17	313,890	\$ (220.32) -0.75%	\$ 26,552.30	\$ 2,409.55	28,961.85
Rate Code 42 Secondary Large Power	10	\$ 14,046.20	147,307	\$ (103.39) -0.74%	\$ 12,812.02	\$ 1,130.79	13,942.81
Rate Code 43 Primary Large Power	10	\$ 46,070.96	503,578	\$ (353.48) -0.77%	\$ 41,851.81	\$ 3,865.67	45,717.48
Rate Code 44 Secondary Large Power	2	\$ 4,565.07	58,925	\$ (41.36) -0.91%	\$ 4,071.38	\$ 452.33	4,523.71
Rate Code 45 High Voltage Large Power	1	\$ 415,220.15	5,512,278	\$ (3,869.20) -0.93%	\$ 369,036.45	\$ 42,314.50	411,350.95
Rate Code 45-T High Voltage Large Power	1	\$ 873,965.60	11,476,004	\$ (8,055.28) -0.92%	\$ 777,815.82	\$ 88,094.50	865,910.32

Customer	No./Rate	Old Bill	kWh/month	Increase/Customer	2014 Base Bill	Tracker Adjustment	New Bill
Rate Code 10 Residential	5181	\$ 87.95	1,000	\$ (0.75) -0.9%	\$ 78.30	\$ 8.90	87.20
Rate Code 16 All-Electric Residential	897	\$ 87.49	1,000	\$ (0.74) -0.8%	\$ 77.85	\$ 8.90	86.75
Rate Code 20 Large Residential		\$ 104.65	1,000	\$ (0.75) -0.7%	\$ 95.00	\$ 8.90	103.90

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

Wholesale Power Trackers:

Demand Metered Customers

Cost recovery applied uniformly from April 2016 through December 2016.

	Overcollection of historical balance	Forecast Jun-Dec 2017	Totals	Proposed Tracker	
Demand Capacity Component	\$ (26,317.02)	\$ 545,969	\$ 519,652	\$ 0.003670 /kWh	
Energy Component	\$ (37,404)	\$ 604,814	\$ 567,410	\$ 0.004007 /kWh	
	<u>\$ (63,721)</u>	<u>\$ 1,150,783</u>	<u>\$ 1,087,062</u>	\$ 0.007676 /kWh	\$ (0.000703) delta

Energy Only Metered Customers

Cost recovery applied uniformly from April 2016 through December 2016.

	Overcollection of historical balance	Forecast Jun-Dec 2017	Totals	Proposed Tracker	
Demand Capacity Component	\$ (12,112.96)	\$ 216,797	\$ 204,684	\$ 0.004838 /kWh	
Energy Component	\$ (10,440)	\$ 182,137	\$ 171,698	\$ 0.004059 /kWh	
	<u>\$ (22,552)</u>	<u>\$ 398,934</u>	<u>\$ 376,382</u>	\$ 0.008897 /kWh	\$ (0.000752) delta
	(86,274)	1,549,717	1,463,444		

All Metered Customers

		Nov 2017 - Mar 2018	Projected
Demand Capacity - kW	504,743	331,019 kWD	
Energy Consumption - kWh	261,484,457	183,914,633 kWh	

** Credit adjustment for overcollection of 1 month of historical balance. Utility Collected this element for March, but it should have ended with February.

Auburn Municipal Electric Department
Tracker Calculations for Wholesale Cost changes incurred from June through December 2017.

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	\$	18.547	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		504,743	Jun-17 to Dec-17 Projected 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. (Five Months beginning C
E		71.5775%	Demand Metered Customer share of Total Demand/Capacity Adjustment Dollars
F	\$	762,766.14	Total Demand Adjustment Tracker Dollars to be reconciled.
G	\$	545,969.24	Demand Metered Customer Share, \$
H	\$	216,796.89	Energy Only Metered Customer Share, \$

Energy Component

J	\$	9,477,151	Jun-17 to Dec-17 Wholesale Energy Charges; incl. Energy, Fuel, PJM OATT charges.
K		261,484,457	Jun-17 to Dec-17 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	\$	-	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. (Per M ₂ True-Up tab.)
N		76.8553%	Demand Metered Customer share of Total Energy Adjustment Dollars
P	\$	786,951.29	Total Energy Adjustment Tracker Dollars to be reconciled.
Q	\$	604,814.04	Demand Metered Customer Share, \$
R	\$	182,137.25	Energy Only Metered Customer Share, \$

Demand Metered Customer Wholesale Power Tracker:

Demand & Energy Components - Combined

G	\$	545,969.24	Demand Metered Customer share of Demand/Capacity Adjustment Dollars to be Reconciled
Q	\$	604,814.04	Demand Metered Customer share of Energy Adjustment Dollars to be Reconciled
G+Q	\$	1,150,783.28	Demand Metered Customer share of Total Adjustment Dollars to be Reconciled

Energy Only Metered Customer Wholesale Power Tracker:

Demand & Energy Components - Combined

H	\$	216,796.89	Energy Metered Customer share of Demand/Capacity Adjustment Dollars to be Reconciled
R	\$	182,137.25	Energy Metered Customer share of Energy Adjustment Dollars to be Reconciled
H+R	\$	398,934.15	Energy Metered Customer share of Total Adjustment Dollars to be Reconciled
G+Q+H+R	\$	1,549,717.43	Total Metered Customer Adjustment Dollars for the Reconciliation Period
F+P	\$	1,549,717.43	Check

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

Rate Code	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17
39 EL	1,488,047	1,667,582	1,635,527	2,128,760	1,944,914	1,843,174	1,994,483	1,746,370	1,921,098	1,760,971	1,927,019	2,132,937	2,199,505	
41 EL	3,441,360	3,329,520	3,629,280	3,316,920	3,096,900	2,878,380	3,087,586	2,852,148	3,302,289	3,044,319	3,340,646	3,527,435	3,595,112	
42 EL	1,657,596	1,843,724	2,063,076	2,060,306	1,878,180	1,774,574	1,519,296	1,375,559	1,438,763	1,302,899	1,419,400	1,429,659	1,836,868	
43 EL	5,438,530	5,143,603	6,025,037	6,044,104	5,564,631	5,096,835	5,019,305	4,647,982	5,167,729	4,760,493	5,209,321	4,775,096	5,986,264	
44 EL	90,840	100,200	98,040	92,640	88,320	84,360	91,986	84,013	91,748	88,420	93,240	93,621	96,840	
45 EL	5,488,337	4,847,529	5,440,289	5,912,558	5,301,430	4,812,574	5,344,549	5,105,667	5,759,614	5,461,918	5,702,207	5,602,240	5,432,536	
45T EL	11,634,522	8,717,698	12,646,639	12,098,052	11,036,900	9,877,514	11,880,064	10,297,602	12,536,468	7,962,752	11,046,826	10,707,326	10,348,555	
Total	29,239,232	25,649,855	31,537,888	31,653,341	28,911,274	26,367,411	28,937,270	26,109,341	30,217,710	24,381,771	28,738,659	28,268,314	29,495,679	

**Total Energy
Purchased
kWh
Total Energy
Sold**

38,402,229	36,642,627	41,283,262	38,751,511	35,039,585	33,764,983	38,595,125	34,094,607	38,896,786	31,585,813	36,192,759	38,040,637	36,535,219	
39,381,459	37,576,988	42,335,956	39,739,647	35,933,070	34,625,966	34,435,621	37,263,769	33,361,273	39,077,188	29,605,158	36,174,160	37,548,463	

Jun-16 thru Dec-16		Energy	Allocation	Customers	Jan-17 thru May-17		Energy	Allocation	Customers	Jun-17 thru Dec-17	
Demand Metered	202,159,931	76.8553%	Demand Metered	138,384,751	77.1526%	Demand Metered			Demand Metered		
Energy Only Metered	60,879,630	23.1447%	Energy Only Metered	40,980,340	22.8474%	Energy Only Metered			Energy Only Metered		
Total	263,039,561		Total	179,365,091		Total			Total		

Calculation of M2 Element
Reconciliation of KWH Billed vs Projected

	Demand Metered	Energy Only	Total
Oct-16	31,653,341	7,098,171	38,751,511
Nov-16	28,911,274	6,128,311	35,039,585
Dec-16	26,367,411	7,397,572	33,764,983
Jan-17	28,937,270	9,657,855	38,595,125
Feb-17	26,109,341	7,985,266	34,094,607
Mar-17	30,217,710	8,679,076	38,896,786
Purchased Wholesale Subtotal	172,196,347	46,946,251	219,142,598
System Loss (per Sys Loss tab)	2.550%	2.550%	2.550%
Billed Retail = Purchased Wholesale x (1 - sys loss)	167,805,340	45,749,121	213,554,462
Projected in previous 9/16 Tracker filing	149,511,959	40,761,758	190,273,717
Difference (+ = Over collection, - = under collection)	18,293,382	4,987,363	23,280,745
\$/kWh in place during 9/16 Tracker	0.010948	0.020288	
\$/kWh based on 3/17 Tracker	0.008379	0.009649	
Difference	-0.002569	-0.010639	
	(46,995.70)	(53,060.55)	
M₂	Credit for Over-collection		(100,056.25)

Calculation of D2 Element
Reconciliation of KWD Billed vs Projected

D2 is not used at this time since the City recovers all components of the tracker entirely through an energy charge.

**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
July-16	74,878	07/13/16 @ 14:00	28,952	24,251	53,203
August-16	77,826	08/12/16 @ 14:00	28,721	25,361	54,082
September-16	77,112	09/07/16 @ 15:00	28,287	23,396	51,683
October-16	67,133	10/06/16 @ 14:00	29,897	23,298	53,195
November-16	63,949	11/22/16 @ 10:00	28,973	21,592	50,565
December-16	68,989	12/15/16 @ 20:00	27,762	18,591	46,353
January-17	66,125	1/12/17 @ 19:00	29,309	18,179	47,488
February-17	64,571	02/09/17 @ 19:00	27,482	18,037	45,519
March-17	64,966	03/15/17 @ 9:00	28,259	20,721	48,980
April-17	64,386	04/26/17 @ 12:00	28,574	23,184	51,758
May-17	69,208	05/18/17 @ 13:00	27,440	23,533	50,973
June-17	74,000	06/13/17 @ 15:00	28,273	21,833	50,106
July-17	75,734	7/19/17 @ 17:00	28,518	23,097	51,615
August-17					
September-17					

October-17
 November-17
 December-17

Total 2,607,634 kWD
 Average 68,622 kWD

Total = 1,758,357	
Energy Only	Demand
32.5689%	67.4311%

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%
Jun-16 thru Dec-16	28.4225%	71.5775%

**Auburn Municipal Electric Department
Tracker History & Forecast based on Year Beginning in June - Ending the Following May**

AEP Wholesale Billing History thru July 2017 & Forecast for Auburn											
PERIOD	Demand kW	ENERGY kWh	Demand Charge 4470033	Energy Charge 4470033	Fuel Charge 4470027	PJM OATT Charge 4470150	Annual True- Up Charge	Total Amount Invoiced	Effective Demand Rate \$/kW	Effective Energy Rate \$/kWh	
Jul-Dec 2013	412,709	221,439,353	\$ 6,881,923	\$ 2,194,243	\$ 3,930,832	\$ 1,112,009	\$ -	\$ 14,119,198	\$ 16.675	\$ 0.032683	Actuals
Jan-May 2014	323,845	186,145,998	\$ 5,609,647	\$ 1,916,149	\$ 2,576,554	\$ 1,100,228	\$ -	\$ 11,202,578	\$ 17.322	\$ 0.030046	Actuals
Jun-Dec 2014	474,751	262,177,233	\$ 7,907,931	\$ 2,875,769	\$ 3,972,452	\$ 1,829,904	\$ -	\$ 16,586,056	\$ 16.657	\$ 0.033100	Actuals
Jan-May 2015	332,665	183,872,595	\$ 5,756,439	\$ 2,095,191	\$ 3,134,215	\$ 1,164,477	\$ -	\$ 12,150,322	\$ 17.304	\$ 0.034773	Actuals
Jun-Dec 2015	490,830	267,188,118	\$ 8,708,285	\$ 3,115,360	\$ 4,240,703	\$ 1,809,613	\$ 565,275	\$ 18,439,235	\$ 17.742	\$ 0.036420	Actuals
Jan-May 2016	325,592	184,171,999	\$ 6,000,994	\$ 2,230,802	\$ 3,200,242	\$ 1,298,378	\$ -	\$ 12,730,415	\$ 18.431	\$ 0.036539	Actuals
Jun-Dec 2016	504,807	262,936,906	\$ 9,740,744	\$ 2,786,500	\$ 4,767,419	\$ 1,996,399	\$ 138,165	\$ 19,429,228	\$ 19.296	\$ 0.036847	Actuals
Jan-May 2017	329,255	179,365,091	\$ 6,599,912	\$ 1,974,648	\$ 2,175,605	\$ 2,117,925	\$ -	\$ 12,868,091	\$ 20.045	\$ 0.034946	Actuals
Jun-Dec 2017	504,743	261,484,457	\$ 9,361,476	\$ 2,486,665	\$ 4,628,824	\$ 2,937,132	\$ -	\$ 19,414,097	\$ 18.547	\$ 0.038444	Forecast
Jan-May 2018	311,345	182,007,981	\$ 5,998,674	\$ 1,798,075	\$ 3,221,923	\$ 2,149,132	\$ -	\$ 13,167,805	\$ 19.267	\$ 0.039389	Forecast
Jun-Dec 2018	435,882	254,811,173	\$ 8,398,144	\$ 2,517,305	\$ 4,510,693	\$ 2,862,174	\$ -	\$ 18,288,316	\$ 19.267	\$ 0.038814	

	Total kW	Total kWh
Mar-Sep 2017	485,978	257,038,744
Nov 2017-Mar 2018	331,019	183,914,633

**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	

**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-15	\$565,274.89	72,450.000	39,140.178	1,285,407.90	456,366.53	920,839.45	233,073.02	3,460,961.79	check
Jul-15	\$0.00	75,910.800	40,238.086	1,346,809.41	469,167.79	605,882.05	264,888.03	2,686,747.28	check
Aug-15	\$0.00	74,424.000	41,007.219	1,320,430.61	478,135.97	710,433.43	265,132.40	2,774,132.41	check
Sep-15	\$0.00	76,583.000	39,063.282	1,358,732.04	455,469.96	1,071,294.69	258,123.69	3,143,620.38	check
Oct-15	\$0.00	62,345.000	37,885.632	1,106,121.44	441,738.84	387,181.85	265,398.68	2,200,440.81	check
Nov-15	\$0.00	64,613.000	35,800.781	1,146,360.30	417,430.05	93,944.75	257,917.57	1,915,652.67	check
Dec-15	\$0.00	64,504.000	34,052.940	1,144,422.87	397,050.51	451,127.12	265,079.50	2,257,680.00	check
	-	490,829.800	267,188.118	8,708,284.57	3,115,359.65	4,240,703.34	1,809,612.89	18,439,235.34	
Jan-16	\$0.00	67,872.000	38,352.802	1,250,948.83	464,552.15	606,977.86	263,446.31	2,585,925.15	check
Feb-16	\$0.00	65,310.000	35,985.834	1,203,728.61	435,882.01	558,975.27	248,971.50	2,447,557.39	check
Mar-16	\$0.00	64,159.000	37,271.504	1,182,518.22	451,454.82	678,087.20	264,351.06	2,576,411.30	check
Apr-16	\$0.00	61,547.000	36,399.970	1,134,369.07	440,898.28	599,833.90	256,966.70	2,432,067.95	check
May-16	\$0.00	66,704.000	36,161.889	1,229,428.80	438,014.50	756,368.12	264,641.93	2,688,453.35	check
		325,592.000	184,171.999	6,000,993.53	2,230,801.76	3,200,242.35	1,298,377.50	12,730,415.14	
Jun-16	\$138,165.02	74,920.000	39,155.363	1,445,648.60	414,952.88	906,176.87	256,367.29	3,161,310.66	check
Jul-16	\$0.00	74,878.000	36,912.941	1,444,838.17	391,188.59	317,775.33	292,056.89	2,445,858.98	check
Aug-16	\$0.00	77,826.000	43,970.831	1,501,730.50	465,985.28	538,486.17	293,111.08	2,799,313.03	check
Sep-16	\$0.00	77,112.000	38,170.178	1,487,953.15	404,512.28	919,672.30	284,950.03	3,097,087.76	check
Oct-16	\$0.00	67,133.000	36,232.861	1,295,394.51	383,981.36	714,974.75	292,798.79	2,687,149.41	check
Nov-16	\$0.00	63,949.000	33,632.129	1,233,963.76	356,419.84	560,104.55	284,545.58	2,435,033.73	check
Dec-16	\$0.00	68,989.000	34,862.602	1,331,215.60	369,459.91	810,229.25	292,569.53	2,803,474.29	check
		504,807.00	262,936.91	9,740,744.29	2,786,500.14	4,767,419.22	1,996,399.19	19,429,227.86	
Jan-17	\$0.00	66,124.800	38,595.125	1,325,471.62	424,897.60	643,897.29	354,874.49	2,749,141.00	check
Feb-17	\$0.00	64,570.800	34,094.607	1,294,321.69	375,350.94	645,627.86	327,637.95	2,642,938.44	check
Mar-17	\$0.00	64,965.600	38,896.786	1,302,235.45	428,218.61	454,515.09	536,052.68	2,721,021.83	check
Apr-17	\$0.00	64,386.000	31,585.813	1,290,617.37	347,731.37	240,398.19	442,796.07	2,321,543.00	check
May-17	\$0.00	69,207.600	36,192.759	1,387,266.34	398,449.71	191,166.96	456,563.94	2,433,446.95	check
		329,254.800	179,365.091	6,599,912.47	1,974,648.23	2,175,605.39	2,117,925.13	12,868,091.22	

**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-17	\$0.00	74,000.000	38,040.637	1,372,477.07	361,758.85	373,763.78	443,540.85	2,551,540.55	check
Jul-17	\$0.00	75,734.400	36,575.219	1,404,645.92	347,442.62	372,003.89	461,059.23	2,585,151.66	check
Aug-17	\$0.00	77,826.000	43,970.831	1,443,438.82	418,153.81	778,376.05	440,258.55	3,080,227.23	forecast
Sep-17	\$0.00	77,112.000	38,170.178	1,430,196.26	362,990.76	675,692.31	436,216.09	2,905,095.43	forecast
Oct-17	\$0.00	67,133.000	36,232.861	1,245,115.75	344,567.26	641,397.73	387,631.33	2,618,712.07	forecast
Nov-17	\$0.00	63,949.000	33,632.129	1,186,062.10	319,834.82	595,359.31	371,931.13	2,473,187.36	forecast
Dec-17	\$0.00	68,989.000	34,862.602	1,279,538.98	331,536.38	617,141.27	396,494.58	2,624,711.21	forecast
		<u>504,743.40</u>	<u>261,484.46</u>	<u>9,361,474.91</u>	<u>2,486,284.50</u>	<u>4,053,734.34</u>	<u>2,937,131.76</u>	<u>18,838,625.50</u>	

System Loss Calculation

	Total System Energy Purchased (kWh)	Total System Energy Sold (kWh)	System Loss
Jan-17	38,595,125	34,435,621	
Feb-17	34,094,607	37,263,769	
Mar-17	38,896,786	33,361,273	
Apr-17	31,585,813	39,077,188	
May-17	36,192,759	29,605,158	
Jun-17	38,040,637	36,174,160	
Jul-17	36,535,219	37,548,463	
		System Loss	2.550%