



TIPTON MUNICIPAL UTILITIES

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Tipton, IN 46072-0288
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Via Electronic Filing – 30 Day Filings – Electric

March 4, 2015

Brenda A. Howe
Secretary of the Commission
Indiana Utility Regulatory Commission
101 West Washington St., Suite 1500 E
Indianapolis, IN 46204

RE: Tipton Municipal Electric Utility 30 Day Filing Pursuant to 170 IAC 1-6-1 et seq.

Dear Ms. Howe:

Pursuant to 170 IAC 1-6-5, please find enclosed the following 30 Day Filing by Tipton Municipal Electric Utility: Determination of the rate adjustments for the Purchase Power Cost Adjustment Tracking Factor (Appendix A) for the three months of April, May and June 2015. The tariff sheets and work papers are attached. The purpose of this filing is to implement an average change in rates for electric service charged by its supplier, Indiana Municipal Power Agency. This filing is allowed under 170 IAC 1-6-3 of Rule 6 because it entails Cause No. 36835-S3 dated 12-13-1989, the commission has already approved or accepted the procedure for the change.

The person at the Tipton Municipal Electric Utility to be contacted regarding this filing is:

Rex A. Boyer
(765) 675-7292
P.O. Box 288
Tipton, Indiana 46072
rboyer@tusb.com

Affected customers have been notified as required under 170 IAC 1-6-6. Tipton Municipal Utilities does not have a web-site. Notice shall be published in the Tipton Tribune. The required Proof of Publication of Legal Notice will be forwarded as soon as it is available from the publisher. Notice has been posted in a public place in the Tipton Municipal Electric Utility customer service office. A copy of the notice is attached.

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.

Sincerely,

A handwritten signature in black ink, appearing to read "Rex A. Boyer", is written over a horizontal line.

Rex A. Boyer,
General Manager

LEGAL NOTICE

Notice is hereby given that the municipal electric utility of the City of Tipton, Indiana, under and pursuant to the Public Service Commission Act, as amended, and Commission Order in Cause no. 36835-S3, has filed with the Indiana Utility Regulatory Commission for its approval, the following incremental changes to the Rate Adjustment factors by Rate Schedules:

Residential -	Rate A	Increase	\$0.000587	per Kwh
Commercial -	Rate B	Increase	\$0.000689	per Kwh
General & Industrial Power -	Rate C	Increase	\$0.000572	per Kwh
Primary Power -	Rate D	Decrease	\$(0.000027)	per Kwh

Rate Adjustments applicable to the Rate Schedules are as follows:

Residential -	Rate A	\$0.037067	per Kwh
Commercial -	Rate B	\$0.038690	per Kwh
General & Industrial Power -	Rate C	\$0.040303	per Kwh
Primary Power -	Rate D	\$0.035002	per Kwh

The accompanying changes in schedules of rates based solely upon the changes in the cost of purchased power and energy purchased by this utility, computed in accordance with the Indiana Utility Regulator Commission Order in Cause No. 36835-S3, and dated December 13, 1989. If approved, this change of rate shall take effect for the bills to be rendered beginning with the April 2015 billing cycle. Objections to the changes can be made at either of the addresses below.

Indiana Utility Regulatory Commission
101 West Washington Street
Suite 1500 East
Indianapolis, IN 46204-3407

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

Tipton Municipal Electric Utility

Received: March 5, 2015
IURC 30-Day Filing No.: 3326
Indiana Utility Regulatory Commission

TIPTON MUNICIPAL ELECTRIC UTILITY

ENERGY COST ADJUSTMENT TRACKING FACTOR
2ND QUARTER, 2015

BILLING AND USAGE PERIOD: APRIL 2015 THROUGH JUNE 2015

TIPTON CITY (INDIANA) MUNICIPAL ELECTRIC UTILITY

APPENDIX A

RATE ADJUSTMENT (Applicable to all metered rates)

The Rate Adjustment shall be on the basis of a Purchased Power Cost Adjustment Tracking Factor occasioned solely by changes in the cost of purchased power and energy, in accordance with the order of the Indiana Utility Regulatory Commission, approved December 13, 1989, in Cause No. 36835-S3 as follows:

<u>Rate Code</u>		<u>ECA Tracking Factor</u>
RATE - A	\$	0.037067 Per Kwh
RATE - B		0.038690 Per Kwh
RATE - C		0.040303 Per Kwh
RATE - D		0.035002 Per Kwh

MONTH'S EFFECTIVE:

APR 2015

MAY 2015

JUNE 2015

TO THE INDIANA UTILITY REGULATORY COMMISSION:

1. Tipton Municipal Electric Utility, Tipton, Indiana, under and pursuant to the Indiana Utility Regulatory Commission Act, as amended, and Commission Order in Cause No. 36835-S3, hereby files with the Indiana Utility Regulatory Commission for approval, a change in its rates for electricity sold in the amount of:

<u>Rate Code</u>	<u>Change in ECA Tracking Factor</u>
RATE - A	\$ 0.000587 Per Kwh
RATE - B	\$ 0.000689 Per Kwh
RATE - C	\$ 0.000572 Per Kwh
RATE - D	\$ (0.000027) Per Kwh

2. The accompanying changes in schedules of rates are based solely upon the change in the cost of purchased power and energy purchased by this utility computed in accordance with the Indiana Utility Regulatory Commission Order in Cause No. 36835-S3 dated December 13, 1989.

3. All of the matters and facts stated herein and in the attached exhibits are true and correct. If approved, this change of rate shall take effect for the next practical consumption period following the date of such approval, or for the next practical consumption period following the effective date of change in Applicant's cost of purchased firm power, whichever is later.

TIPTON MUNICIPAL ELECTRIC UTILITY

BY:

STATE OF INDIANA)
COUNTY OF TIPTON) SS:

Personally appeared before me, a Notary Public in and for said county and state, this _____ day of _____, 2015 Rex Boyer, who, after having been duly sworn according to law, stated that she is an employee of Tipton Utilities; Tipton, Indiana, that she has read the matters and facts stated above, and in all exhibits attached hereto, and that the same are true; that she is duly authorized to execute this instrument for and on behalf of the applicant herein.

Susan Munson, Notary Public

My County of Residence: Tipton

My Commission expires:

LEGAL NOTICE

Notice is hereby given that the Tipton Municipal Electric Utility, Tipton, Indiana, under and pursuant to the Indiana Utility Regulatory Commission Act, as amended, and Commission Order in Cause No. 36835-S3, hereby files with the Indiana Utility Regulatory Commission for approval a change in its schedule of rates for electricity sold in the amount of:

Rate Code

RATE - A	\$	0.000587	per kilowatt hour	(Kwh)
RATE - B	\$	0.000689	per kilowatt hour	(Kwh)
RATE - C	\$	0.000572	per kilowatt hour	(Kwh)
RATE - D	\$	(0.000027)	per kilowatt hour	(Kwh)

The accompanying changes in schedules of rates are based solely upon the change in the cost of purchased power, purchased by this utility computed in accordance with the Indiana Utility Regulatory Commission Order in Cause No. 36835-S3 dated December 13, 1989.

If approved, this change of rate shall take effect for the next practical consumption period following the date of such approval, or for the next practical consumption period following the effective date of change in the cost of purchased firm power, whichever is later

MUNICIPAL ELECTRIC UTILITY
Tipton, Indiana

PRESS RELEASE IN REGARD TO CHANGE IN ELECTRIC
RATES FOR THE CITY OF TIPTON, INDIANA

QUARTERLY ENERGY COST ADJUSTMENT FACTOR

On April 1, 2015 the Indiana Municipal Power Agency (IMPA) is anticipated to change its energy cost adjustment rates to its members.

The City of Tipton will file with the Indiana Utility Regulatory Commission, for its approval, a change in its schedule of rates for electricity sold to reflect the change in the cost of power purchased from the Indiana Municipal Power Agency (IMPA) together with the reconciliation of electric costs and revenues from prior periods.

Upon approval of the Indiana Utility Regulatory Commission, a change per kilowatt hour of approximately:

RATE - A	\$	0.000587 / Kwh
RATE - B	\$	0.000689 / Kwh
RATE - C	\$	0.000572 / Kwh
RATE - D	\$	(0.000027) / Kwh

be applied for all bills of the next practical consumption period following the date of such approval or for the next practical consumption period following the effective date of change in the cost of purchased firm power, whichever is later. Residential rates have an increase of approximately \$0.59 for every 1,000 kilowatt hours consumed.

Assuming a typical or average residential monthly bill is for approximately 700 kilowatt hours consumption, this will amount to a change per month of \$0.41. This change stated as a percentage of the monthly bill will vary from individual to individual depending upon the actual amount of energy consumed.

TIPTON (INDIANA) MUNICIPAL ELECTRIC UTILITY

Filing No. 2ND QTR 2015

Page 1 of 3

DETERMINATION OF RATE ADJUSTMENT FOR THE THREE MONTHS OF:
 APR 2015 MAY 2015 JUNE 2015

LINE NO.	DESCRIPTION		DEMAND RELATED (A)	ENERGY RELATED (B)	LINE NO.
1	INCREMENTAL CHANGE IN BASE RATE (a)		8.896	0.014888	1
2	ESTIMATED SAVINGS FROM DEDICATED CAPACITY PAYMENTS (b)	+	0.000		2
3	ESTIMATED PURCHASED POWER ENERGY COST ADJUSTMENT (c)	+	0.087	0.002460	3
4	ESTIMATED TOTAL CHANGE IN PURCHASED POWER RATE		8.983	0.017348	4
5	EST CHANGE IN PURCHASED POWER RATE ADJ FOR LOSSES & UTILITY RECEIPTS TAX (d)		9.440	0.018230	5
6	PLUS TRACKING FACTOR EFFECTIVE PRIOR TO JANUARY 27, 1983 (e)	+	0.000	0.000000	6
7	ESTIMATED TOTAL RATE ADJUSTMENT		9.440	0.018230	7
8	ESTIMATED AVERAGE BILLING UNITS (f)	*	21,200	10,671,946	8
9	ESTIMATED INCREMENTAL CHANGE IN PURCHASED POWER COST (g)		\$ 200,128.00	\$ 194,549.58	9

(a) Exhibit I, Line 3

(b) Exhibit II, Line 9 N/A

(c) Exhibit III, Column E, Lines 3 and 5

(d) Line 4 divided by (1 - line loss factor)(0.986)

= 96.51%
 95.16%

(e) Tracking Factor effective prior to January 27, 1983. This factor is zero if new rates have been filed and approved since January 27, 1983.

(f) Exhibit III, Column E, Lines 1 and 2

(g) Line 7 times Line 8

CITY OF TIPTON, INDIANA

DETERMINATION OF RATE ADJUSTMENT FOR THE THREE MONTHS OF:
APR 20 MAY 2015 JUNE 2015

LINE NO.	RATE SCHEDULE	KW DEMAND ALLOCATOR	KWH ENERGY ALLOCATOR	ALLOCATED ESTIMATED KWH PURCHASED (b)	ALLOCATED ESTIMATED KWH PURCHASED (c)	INCREMENTAL CHANGE IN PURCHASED POWER COST ADJ FOR LINE LOSSES & GROSS RECEIPTS TAX			LINE NO.
		(%) (a) (A)	(%) (a) (B)	(C)	(D)	DEMAND (d) (E)	ENERGY (e) (F)	TOTAL (G)	
1	RATE - A	34.096	33.919	7,228.4	3,619,817	\$ 68,235.64	\$ 65,989.27	\$ 134,224.91	1
2	RATE - B	23.147	21.193	4,907.2	2,261,706	46,323.63	41,230.89	87,554.52	2
3	RATE - C	14.037	11.801	2,975.8	1,259,396	28,091.97	22,958.80	51,050.77	3
4	RATE - D	27.776	32.013	5,888.5	3,416,410	55,587.55	62,281.16	117,868.71	4
5	FLAT RATES	0.944	1.074	200.1	114,617	1,889.21	2,089.46	3,978.67	5
6									6
7									7
8									8
9									9
10	TOTAL	<u>100.000</u>	<u>100.000</u>	<u>21,200.0</u>	<u>10,671,946</u>	<u>\$ 200,128.00</u>	<u>\$ 194,549.58</u>	<u>\$ 394,677.58</u>	10

(a) From Cost of Service Study Based on Twelve Month Period
01/01/97 to 12/31/97
(b) Page 1 of 3, Column A, Line 8 times Page 2 of 3, Column A
(c) Page 1 of 3, Column B, Line 8 times Page 2 of 3, Column B
(d) Page 1 of 3, Column A, Line 9 times Page 2 of 3, Column A
(e) Page 1 of 3, Column B, Line 9 times Page 2 of 3, Column B

TIPTON (INDIANA) MUNICIPAL ELECTRIC UTILITY

DETERMINATION OF RATE ADJUSTMENT FOR THE THREE MONTHS OF:
APR 2015 MAY 2015 JUNE 2015

LINE NO.	RATE SCHEDULE	PLUS VARIANCE (a)		TOTAL CHANGE IN PURCHASED POWER COST ADJ FOR LINE LOSSES & GROSS RECEIPTS TAX			RATE ADJUSTMENT FACTOR PER KWH (d)			LINE NO.
		DEMAND (A)	ENERGY (B)	DEMAND (b) (C)	ENERGY (c) (D)	TOTAL (E)	DEMAND (F)	ENERGY (G)	TOTAL (H)	
1	RATE - A	\$ (1,415.47)	\$ 1,368.06	\$ 66,820.17	\$ 67,357.33	\$ 134,177.51	\$ 0.018460	\$0.018608	\$0.037067	1
2	RATE - B	(929.98)	881.59	45,393.65	42,112.48	87,506.13	0.020071	0.018620	0.038690	2
3	RATE - C	(1,388.10)	1,095.11	26,703.87	24,053.91	50,757.78	0.021204	0.019100	0.040303	3
4	RATE - D	(2,748.35)	4,459.44	52,839.20	66,740.60	119,579.80	0.015466	0.019535	0.035002	4
5	FLAT RATES	(49.27)	53.85	1,839.94	2,143.31	3,983.24	0.016053	0.018700	0.034753	5
6										6
7										7
8										8
9										9
10	TOTAL	<u>\$ (6,531.18)</u>	<u>\$ 7,858.05</u>	<u>\$ 193,596.82</u>	<u>\$ 202,407.63</u>	<u>\$ 396,004.45</u>	<u>\$ 0.018141</u>	<u>\$0.018966</u>	<u>\$0.037107</u>	10

(a) Exhibit IV, Page 4 of 7, Columns D and E / (1 - loss factor)(.986) = 95.16%
Plus, the Special Variance from Page 2A of 3, Columns C and D
(b) Page 2 of 3, Column E plus Page 2a of 3, Column F plus Page 3 of 3, Column A.
(c) Page 2 of 3, Column F plus Page 2a of 3, Column G plus Page 3 of 3, Column B.
(d) Page 3 of 3, Columns C, D and E divided by Page 2 of 3, Column D

TIPTON (INDIANA) MUNICIPAL ELECTRIC UTILITY

DETERMINATION OF INCREMENTAL CHANGE IN BASE RATES

LINE NO.	DESCRIPTION		DEMAND RELATED	ENERGY RELATED	LINE NO.
1	BASE RATE EFFECTIVE January 1, 2015 (a)		\$ 22.378	\$ 0.030781	1
2	BASE RATE EFFECTIVE January 1, 2004 (b)	-	13.482	0.015893	2
3	INCREMENTAL CHANGE IN BASE RATE (c)		<u>\$8.896</u>	<u>\$0.014888</u>	3

- (a) IMPA rate effective for the period covered by this filing. The Base Rate includes the applicable Area Adjustment and Delivery Voltage Adjustment.
- (b) Base purchased power rate including Area and Voltage Adjustments effective at the time of the member's last approved rate case was filed or January 27, 1983, whichever is more recent. Tipton base rates and charges were approved by the Indiana Utility Regulatory Commission on August 11, 2004 in Cause No. 42589.
- (c) Line 1 - Line 2

TIPTON (INDIANA) MUNICIPAL ELECTRIC UTILITY

ESTIMATION OF ENERGY COST ADJUSTMENT FOR THE THREE MONTHS OF:
APR 20 MAY 2015 JUNE 2015

LINE NO.	DESCRIPTION	APR 2015 (A)	MAY 2015 (B)	JUNE 2015 (C)	TOTAL (D)	ESTIMATED 3 MONTH AVERAGE (E)	LINE NO.
PURCHASED POWER FROM IMPA							
1	KW DEMAND	17,652	20,789	25,160	63,601	21,200	1
2	KWH ENERGY	9,940,798	10,437,153	11,637,888	32,015,839	10,671,946	2
INCREMENTAL PURCHASED POWER COSTS							
DEMAND RELATED							
3	ECA FACTOR PER KW	\$ 0.087	\$ 0.087	\$ 0.087		\$ 0.087	3
4	CHARGE (a)	\$ 1,535.72	\$ 1,808.64	\$ 2,188.92	\$ 5,533.29	\$ 1,844.43	4
ENERGY RELATED							
5	ECA FACTOR PER KWH	\$ 0.002460	\$ 0.002460	\$ 0.002460		\$ 0.002460	5
6	CHARGE (b)	\$ 24,454.36	\$ 25,675.40	\$ 28,629.20	\$ 78,758.96	\$ 26,252.99	6

(a) Line 1 times Line 3
(b) Line 2 times Line 5

TIPTON (INDIANA) MUNICIPAL ELECTRIC UTILITY

RECONCILIATION OF VARIANCES FOR THE THREE MONTHS OF:
OCT 2014 NOV 2014 DEC 2014

LINE NO.	DESCRIPTION		DEMAND RELATED	ENERGY RELATED	LINE NO.
			(A)	(B)	
1	INCREMENTAL CHANGE IN BASE RATE (a)		\$ 8.0820	\$ 0.013658	1
2	ACTUAL SAVINGS FROM DEDICATED CAPACITY PAYMENTS (b)	+			2
3	ACTUAL PURCHASED POWER ENERGY COST ADJUSTMENT (c)	+	0.274	0.002812	3
4	PLUS TRACKING FACTOR EFFECTIVE PRIOR TO IMPA MEMBERSHIP (d)	+	0.000	0.000000	4
5	TOTAL RATE ADJUSTMENT (e)		8.356	\$ 0.016470	5
6	ACTUAL AVERAGE BILLING UNITS (f)	*	21,241	12,596,876	6
	LINE 5 * LINE 6 OTHER CHARGES		\$ 177,489.80 N/A	\$ 207,470.55	
7	ACTUAL INCREMENTAL CHANGE IN PURCHASED POWER COST (g)		<u>\$ 177,489.80</u>	<u>\$ 207,470.55</u>	7

(a) Page 1 of 3, Line 1 of the Tracker filing for the months of :

	OCT 2014	NOV 2014	DEC 2014
Base Rate Effective 01/01/2014		minus	Base Rate Effective 01/01/2004
Demand	\$21.564000		\$13.482000
Energy	\$0.029551		\$0.015893

(b) Exhibit IV, Page 5 of 7, Column E, Line 9

(c) Exhibit IV, Page 6 of 7, Column E, Lines 4 and 6

(d) This line is zero if new rates have been approved since January 27, 1983.

(e) Sum of Lines 1 through 4

(f) Exhibit IV, Page 6 of 7, Column E, Lines 1 and 2.

(g) Line 5 times Line 6

TIPTON (INDIANA) MUNICIPAL ELECTRIC UTILITY

RECONCILIATION OF VARIANCES FOR THE THREE MONTHS OF:
OCT 2014 NOV 2014 DEC 2014

LINE NO.	RATE SCHEDULE	KW DEMAND ALLOCATOR	KWH ENERGY ALLOCATOR	ALLOCATED ACTUAL KW PURCHASED (b)	ALLOCATED ACTUAL KWH PURCHASED (c)	INCREMENTAL CHANGE IN PURCHASED POWER COST			LINE NO.
		(%) (a) (A)	(%) (a) (B)	(C)	(D)	DEMAND (d) (E)	ENERGY (e) (F)	TOTAL (G)	
1	RATE - A	23.773	23.150	5,049.6	2,916,190	\$ 42,194.88	\$ 48,029.66	\$ 90,224.54	1
2	RATE - B	16.141	14.466	3,428.4	1,822,242	28,647.83	30,012.33	58,660.16	2
3	RATE - C	17.671	14.542	3,753.5	1,831,857	31,363.93	30,170.68	61,534.61	3
4	RATE - D	41.659	46.999	8,848.8	5,920,436	73,940.17	97,509.58	171,449.75	4
5	FLAT RATES	0.757	0.843	160.7	106,151	1,343.00	1,748.30	3,091.30	5
6									6
7									7
8									8
9									9
10	TOTAL	<u>100.000</u>	<u>100.000</u>	<u>21,241.0</u>	<u>12,596,876</u>	<u>\$ 177,489.80</u>	<u>\$ 207,470.55</u>	<u>\$ 384,960.35</u>	10

(a) Page 2 of 3, Columns A and B of tracker filed for the months of
(b) Exhibit IV, Page 6 of 7, Column E, Line 1 times Exhibit IV, Page 2 of 7, Column A
(c) Exhibit IV, Page 6 of 7, Column E, Line 2 times Exhibit IV, Page 2 of 7, Column B
(d) Exhibit IV, Page 1 of 7, Column A, Line 7 times Exhibit IV, Page 2 of 7, Column A
(e) Exhibit IV, Page 1 of 7, Column B, Line 7 times Exhibit IV, Page 2 of 7, Column B

OCT 2014 NOV 2014 DEC 2014

TIPTON (INDIANA) MUNICIPAL ELECTRIC UTILITY

RECONCILIATION OF VARIANCES FOR THE THREE MONTHS OF:
OCT 20 NOV 2014 DEC 2014

LINE NO.	RATE SCHEDULE	ACTUAL	DEMAND	ENERGY	INCREMENTAL	INCREMENTAL	LESS PREV. VARIANCE - SYSTEM SALES		LINE NO.
		AVERAGE KWH SALES (a)	ADJUSTMENT FACTOR PER KWH (b)	ADJUSTMENT FACTOR PER KWH (c)	KW DEMAND COST BILLED BY MEMBER (d)	KWH ENERGY COST BILLED BY MEMBER (e)	FROM FILING NUMBER DEMAND (f)	OCT 2014 ENERGY (g)	
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	
1	RATE - A	2,724,274	0.016637	0.017167	\$ 44,689.21	\$ 46,112.87	\$ 1,147.37	\$ (614.94)	1
2	RATE - B	1,702,319	0.018156	0.017235	30,474.60	28,928.72	941.80	(244.69)	2
3	RATE - C	1,711,301	0.019577	0.017072	33,033.11	28,806.32	348.26	(322.25)	3
4	RATE - D	5,530,808	0.014014	0.016774	76,423.62	91,474.94	(131.88)	(1,791.04)	4
5	FLAT RATES	99,165	0.014674	0.017328	1,434.78	1,694.27	44.89	(2.79)	5
6									6
7									7
8									8
9									9
10	TOTAL	<u>11,767,867</u>			<u>\$ 186,055.32</u>	<u>\$ 197,017.12</u>	<u>\$ 2,350.44</u>	<u>\$ (2,975.71)</u>	10

(a) Exhibit IV, Page 7 of 7, Column E

(b) Page 3 of 3, Column F of Tracker Filing for the three months of

(c) Page 3 of 3, Column G of Tracker Filing for the three months of

(d) Column A times Column B times the Utility Receipts Tax Factor of

(e) Column A times Column C times the Utility Receipts Tax Factor of

(f) Exhibit IV, Page 4 of 7, Column D of Tracker Filing for the three months of

(g) Exhibit IV, Page 4 of 7, Column E of Tracker Filing for the three months of

OCT 2014

NOV 2014

DEC 2014

OCT 2014

NOV 2014

DEC 2014

0.9860

0.986

OCT 2014

NOV 2014

DEC 2014

OCT 2014

NOV 2014

DEC 2014

TIPTON (INDIANA) MUNICIPAL ELECTRIC UTILITY

RECONCILIATION OF VARIANCES FOR THE THREE MONTHS OF:
OCT 2014 NOV 2014 DEC 2014

LINE NO.	RATE SCHEDULE	NET INCREMENTAL COST BILLED BY MEMBER			VARIANCE			LINE NO.
		DEMAND (a) (A)	ENERGY (b) (B)	TOTAL (C)	DEMAND (c) (D)	ENERGY (c) (E)	TOTAL (c) (F)	
1	RATE - A	\$ 43,541.84	\$ 46,727.81	\$ 90,269.65	\$ (1,346.96)	\$ 1,301.85	\$ (45.11)	1
2	RATE - B	29,532.80	29,173.41	58,706.21	(884.97)	838.92	(46.05)	2
3	RATE - C	32,684.85	29,128.57	61,813.42	(1,320.92)	1,042.11	(278.81)	3
4	RATE - D	76,555.50	93,265.98	169,821.48	(2,615.33)	4,243.60	1,628.27	4
5	FLAT RATES	1,389.89	1,697.06	3,086.95	(46.89)	51.24	4.35	5
6								6
7								7
8								8
9								9
10	TOTAL	<u>\$ 183,704.88</u>	<u>\$ 199,992.83</u>	<u>\$ 383,697.71</u>	<u>\$ (6,215.07)</u>	<u>\$ 7,477.72</u>	<u>\$ 1,262.65</u>	10

(a) Column D minus Column F from Exhibit IV, Page 3 of 7
(b) Column E minus Column G from Exhibit IV, Page 3 of 7
(c) Columns E, F, and G from Exhibit IV, Page 2 of 7 minus Columns A, B, and C

TIPTON (INDIANA) MUNICIPAL ELECTRIC UTILITY

DETERMINATION OF ACTUAL AVERAGE KWH SALES FOR THE THREE MONTHS OF
OCT 2014 NOV 2014 DEC 2014

LINE NO.	RATE SCHEDULE	OCT 2014 (A)	NOV 2014 (B)	DEC 2014 (C)	TOTAL (D)	AVERAGE (E)	LINE NO.
1	RATE - A	2,705,400	2,389,569	3,077,854	8,172,823	2,724,274	1
2	RATE - B	1,714,504	1,680,710	1,711,744	5,106,958	1,702,319	2
3	RATE - C	1,562,039	1,970,666	1,601,199	5,133,904	1,711,301	3
4	RATE - D	5,528,826	5,592,750	5,470,848	16,592,424	5,530,808	4
5	FLAT RATES	92,369	98,157	106,970	297,496	99,165	5
6							6
7							7
8							8
9							9
10	TOTAL	<u>11,603,138</u>	<u>11,731,852</u>	<u>11,968,615</u>	<u>35,303,605</u>	<u>11,767,867</u>	10

#REF!

DETERMINATION OF ACTUAL KW DEMAND ALLOCATION AND KWH ENERGY ALLOCATION FACTORS

Rate Schedule	OCT 2014	NOV 2014	DEC 2014				
	Average Sales	Percent of Total	kWh Energy Factors	Variance	kW Demand Factors	Adjusted Factors	kW Demand Allocator for 2009
	(A)	(B)	(C)	(D)	(E)	(F)	(G)
RATE - A	2,724,274	23.150%	33.919%	-31.749%	34.096%	23.271%	23.773%
RATE - B	1,702,319	14.466%	21.193%	-31.742%	23.147%	15.800%	16.141%
RATE - C	1,711,301	14.542%	11.801%	23.228%	14.037%	17.298%	17.671%
RATE - D	5,530,808	46.999%	32.013%	46.813%	27.776%	40.779%	41.659%
FLAT RATES	99,165	0.843%	1.074%	-21.539%	0.944%	0.741%	0.757%
		0.000%					0.000%
	11,767,867	100.000%	100.000%		100.000%	97.887%	100.000%

(A) From utility billing records

(B) (A)/total of column (A)

(C) Taken from last cost of service study.

(D) Column (B)/Column (C)

(E) Taken from last cost of service study

(F) (1 + Column (D)) * (Column (E))

(G) Column (F)/total of Column (F)



IMPA
 INDIANA MUNICIPAL POWER AGENCY

Tipton Municipal Utilities
 P.O. Box 288
 Tipton, IN 46072

Due Date:
12/15/14

Amount Due:
\$833,935.70

Billing Period: October 1 to October 31, 2014
 Invoice No: INV0004491
 Invoice Date: 11/14/14

Demand*	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	20,722	5,827	96.27%	10/02/14	1500	78.03%
CP Billing Demand:	20,330	5,621	96.38%	10/02/14	1600	79.54%
kvar at 97% PF:		5,095				
Reactive Demand:		526				

Energy*	kWh
Duke Interconnections:	10,348,919
Getrag Bank #1:	-
Getrag Bank #2:	16,003
Getrag Bank #3:	497,076
Getrag Bank #4:	1,168,344
Total Energy:	12,030,342

History	Oct 2014	Oct 2013	2014 YTD
Max Demand (kW):	20,722	20,567	26,698
CP Demand (kW):	20,330	20,399	26,412
Energy (kWh):	12,030,342	11,281,019	117,295,445
CP Load Factor:	79.54%	74.33%	
HDD/CDD (Indianapolis):	335/9	346/31	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 20.039 / kW x	20,330	\$ 407,392.87
ECA Demand Charge:	\$ 0.274 / kW x	20,330	\$ 5,570.42
Delivery Voltage Charge - Less than 34.5 kV:	\$ 1.525 / kW x	20,330	\$ 31,003.25
Reactive Demand Charge:	\$ 1.200 / kvar x	526	\$ 631.20
Total Demand Charges:			\$ 444,597.74
Base Energy Charge:	\$ 0.029551 / kWh x	12,030,342	\$ 355,508.64
ECA Energy Charge:	\$ 0.002812 / kWh x	12,030,342	\$ 33,829.32
Total Energy Charges:			\$ 389,337.96
Average Purchased Power Cost: 6.93 cents per kWh			Total Purchased Power Charges: \$ 833,935.70

Other Charges and Credits

NET AMOUNT DUE: \$ 833,935.70

* Getrag: units adjusted by factors of 0.997 for demand & 0.998 for energy.

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 12/15/14

Questions, please call: 317-573-9955

Send payments to: Indiana Municipal Power Agency
 Dept. 78757, P.O. Box 78000, Detroit, MI 48278-0757

IMPA Delivery Point Details

Tipton Municipal Utilities

Billing Period: October 1, 2014 to October 31, 2014

Delivery Point	<u>Individual Substation Maximum Demand</u>					<u>Demand at Tipton's Maximum Peak on 10/02/14 at 1500 EST</u>				<u>Demand at IMPA's Coincident Peak on 10/02/14 at 1600 EST</u>			
	Date & Time	kW	kvar	kVA	Power Factor	kW	kvar	kVA	Power Factor	kW	kvar	kVA	Power Factor
TOTAL						20,722	5,827	21,526	96.27%	20,330	5,621	21,093	96.38%
Tipton #1	10/31/14 at 1200 EST	9,427	1,046	9,485	99.39%	8,621	1,459	8,744	98.60%	8,179	1,114	8,255	99.09%
Tipton #2	10/02/14 at 1600 EST	9,254	2,880	9,692	95.48%	9,187	2,813	9,608	95.62%	9,254	2,880	9,692	95.48%
Getrag Bank #1	-	-	-	-	-	-	-	-	-	-	-	-	-
Getrag Bank #2	10/29/14 at 1000 EST	58	14	60	97.21%	22	7	23	95.29%	29	7	30	97.21%
Getrag Bank #3	10/14/14 at 1100 EST	828	480	957	86.51%	768	468	899	85.39%	708	444	836	84.72%
Getrag Bank #4	10/13/14 at 1600 EST	2,172	1,164	2,464	88.14%	2,124	1,080	2,383	89.14%	2,160	1,176	2,459	87.83%



IMPA
 INDIANA MUNICIPAL POWER AGENCY

Tipton Municipal Utilities
 P.O. Box 288
 Tipton, IN 46072

Due Date:
01/14/15

Amount Due:
\$884,950.66

Billing Period: November 1 to November 30, 2014
 Invoice No: INV0004576
 Invoice Date: 12/15/14

Demand*	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	23,311	4,256	98.37%	11/18/14	1100	75.36%
CP Billing Demand:	21,778	2,767	99.20%	11/18/14	1900	80.67%
kvar at 97% PF:		5,458				
Reactive Demand:		-				

Energy*	kWh
Duke Interconnections:	10,973,905
Getrag Bank #1:	289
Getrag Bank #2:	42,710
Getrag Bank #3:	530,460
Getrag Bank #4:	1,101,732
Total Energy:	12,649,096

History	Nov 2014	Nov 2013	2014 YTD
Max Demand (kW):	23,311	20,222	26,698
CP Demand (kW):	21,778	19,753	26,412
Energy (kWh):	12,649,096	10,994,183	129,944,541
CP Load Factor:	80.67%	77.30%	
HDD/CDD (Indianapolis):	865/0	764/0	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 20.039 / kW x	21,778	\$ 436,409.34
ECA Demand Charge:	\$ 0.274 / kW x	21,778	\$ 5,967.17
Delivery Voltage Charge - Less than 34.5 kV:	\$ 1.525 / kW x	21,778	\$ 33,211.45
Total Demand Charges:			\$ 475,587.96
Base Energy Charge:	\$ 0.029551 / kWh x	12,649,096	\$ 373,793.44
ECA Energy Charge:	\$ 0.002812 / kWh x	12,649,096	\$ 35,569.26
Total Energy Charges:			\$ 409,362.70
Average Purchased Power Cost: 7.00 cents per kWh			Total Purchased Power Charges: \$ 884,950.66

Other Charges and Credits

NET AMOUNT DUE: \$ 884,950.66

* Getrag: units adjusted by factors of 0.997 for demand & 0.998 for energy.

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 01/14/15
 Questions, please call: 317-573-9955

Send payments to: Indiana Municipal Power Agency
 Dept. 78757, P.O. Box 78000, Detroit, MI 48278-0757

IMPA Delivery Point Details

Billing Period: November 1, 2014 to November 30, 2014

Delivery Point	<u>Individual Substation Maximum Demand</u>					<u>Demand at Tipton's Maximum Peak on 11/18/14 at 1100 EST</u>				<u>Demand at IMPA's Coincident Peak on 11/18/14 at 1900 EST</u>			
	Date & Time	kW	kvar	kVA	Power Factor	kW	kvar	kVA	Power Factor	kW	kvar	kVA	Power Factor
TOTAL						23,311	4,256	23,696	98.37%	21,778	2,767	21,953	99.20%
Tipton #1	11/18/14 at 1000 EST	11,242	1,229	11,309	99.41%	11,232	1,277	11,304	99.36%	10,262	538	10,276	99.86%
Tipton #2	11/13/14 at 2000 EST	9,590	2,074	9,812	97.74%	9,216	1,421	9,325	98.83%	8,938	902	8,983	99.49%
Getrag Bank #1	11/13/14 at 1900 EST	58	-	58	100.00%	-	-	-	-	-	-	-	-
Getrag Bank #2	11/18/14 at 0100 EST	115	29	119	96.96%	115	22	117	98.22%	94	7	94	99.72%
Getrag Bank #3	11/24/14 at 1700 EST	960	528	1,096	87.62%	828	552	995	83.21%	828	480	957	86.51%
Getrag Bank #4	11/19/14 at 1100 EST	1,968	984	2,200	89.44%	1,920	984	2,157	88.99%	1,656	840	1,857	89.18%



IMPA
 INDIANA MUNICIPAL POWER AGENCY

Tipton Municipal Utilities
 P.O. Box 288
 Tipton, IN 46072

Due Date:
02/13/15

Amount Due:
\$896,323.99

Billing Period: December 1 to December 31, 2014
 Invoice No: INV0004662
 Invoice Date: 01/14/15

Demand*	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	22,380	4,416	98.11%	12/17/14	1500	78.74%
CP Billing Demand:	21,614	3,168	98.94%	12/17/14	1900	81.53%
kvar at 97% PF:		5,417				
Reactive Demand:		-				

Energy*	kWh
Duke Interconnections:	11,327,598
Getrag Bank #1:	-
Getrag Bank #2:	57,200
Getrag Bank #3:	585,036
Getrag Bank #4:	1,141,356
Total Energy:	13,111,190

History	Dec 2014	Dec 2013	2014 YTD
Max Demand (kW):	22,380	21,540	26,698
CP Demand (kW):	21,614	21,540	26,412
Energy (kWh):	13,111,190	12,184,246	143,055,731
CP Load Factor:	81.53%	76.03%	
HDD/CDD (Indianapolis):	973/0	1077/0	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 20.039 / kW x	21,614	\$ 433,122.95
ECA Demand Charge:	\$ 0.274 / kW x	21,614	\$ 5,922.24
Delivery Voltage Charge - Less than 34.5 kV:	\$ 1.525 / kW x	21,614	\$ 32,961.35
Total Demand Charges:			\$ 472,006.54
Base Energy Charge:	\$ 0.029551 / kWh x	13,111,190	\$ 387,448.78
ECA Energy Charge:	\$ 0.002812 / kWh x	13,111,190	\$ 36,868.67
Total Energy Charges:			\$ 424,317.45
Average Purchased Power Cost: 6.84 cents per kWh			Total Purchased Power Charges: \$ 896,323.99

Other Charges and Credits

NET AMOUNT DUE: \$ 896,323.99

* Getrag: units adjusted by factors of 0.997 for demand & 0.998 for energy.

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 02/13/15
 Questions, please call: 317-573-9955

Send payments to: Indiana Municipal Power Agency
 Dept. 78757, P.O. Box 78000, Detroit, MI 48278-0757

IMPA Delivery Point Details

Tipton Municipal Utilities

Billing Period: December 1, 2014 to December 31, 2014

Delivery Point	<u>Individual Substation Maximum Demand</u>					<u>Demand at Tipton's Maximum Peak on 12/17/14 at 1500 EST</u>				<u>Demand at IMPA's Coincident Peak on 12/17/14 at 1900 EST</u>			
	Date & Time	kW	kvar	kVA	Power Factor	kW	kvar	kVA	Power Factor	kW	kvar	kVA	Power Factor
TOTAL						22,380	4,416	22,812	98.11%	21,614	3,168	21,845	98.94%
Tipton #1	12/17/14 at 1100 EST	10,358	950	10,401	99.58%	10,118	749	10,146	99.73%	9,869	326	9,874	99.95%
Tipton #2	12/04/14 at 1200 EST	9,475	2,294	9,749	97.19%	9,370	2,141	9,611	97.49%	9,235	1,690	9,388	98.37%
Getrag Bank #1	-	-	-	-	-	-	-	-	-	-	-	-	-
Getrag Bank #2	12/04/14 at 1000 EST	108	7	108	99.79%	108	14	109	99.17%	86	-	86	100.00%
Getrag Bank #3	12/03/14 at 1700 EST	972	564	1,124	86.49%	840	528	992	84.66%	816	444	929	87.84%
Getrag Bank #4	12/08/14 at 1500 EST	2,028	1,044	2,281	88.91%	1,944	984	2,179	89.22%	1,608	708	1,757	91.52%

**INDIANA MUNICIPAL POWER AGENCY
 ECA ESTIMATES FOR APRIL, MAY and JUNE
 2015 - 2ND QUARTER**

	APR	MAY	JUN	APR	MAY	JUN
	\$/kW-month			\$/kWh		
IMPA's Energy Cost Adjustment	0.087	0.087	0.087	0.002460	0.002460	0.002460
	kW			kWh		
To develop these Energy Cost Adjustment factors, IMPA used the following estimated loads for TIPTON	17,652	20,789	25,160	9,940,798	10,437,153	11,637,888

Received: March 5, 2015
 IURC 30-Day Filing No.: 3326
 Indiana Utility Regulatory Commission

TIPTON MUNICIPAL ELECTRIC UTILITY

SCHEDULE OF LINE LOSS CALCULATIONS
 For the twelve months ended December 31, 2014

	kwh per month per rate					FLAT RATE TOTALS	GRAND TOTAL	IMPA Billing	Unacct Power	Monthly Percent	Annual Percent	
	"A"	"B"	"C"	"D"								
January	4,166,709	2,850,367	1,509,866	2,958,320	11,485,262	January	103,586	11,588,848	13,503,091	1,914,243	14.18%	14.18%
February	4,564,860	2,797,040	1,442,008	3,216,080	12,019,988	February	87,814	12,107,802	11,952,265	-155,537	-1.30%	6.91%
March	5,041,275	3,092,953	1,585,819	3,286,140	13,006,187	March	86,090	13,092,277	11,886,143	-1,206,134	-10.15%	1.48%
April	3,567,232	1,763,636	1,239,224	4,012,471	10,582,563	April	70,610	10,653,173	9,649,374	-1,003,799	-10.40%	-0.96%
May	2,809,890	1,638,735	1,194,802	4,489,442	10,132,869	May	62,978	10,195,847	10,423,994	228,147	2.19%	-0.39%
June	2,523,615	1,638,852	1,057,369	4,809,377	10,029,213	June	54,227	10,083,440	11,637,931	1,554,491	13.36%	1.93%
July	3,223,971	1,927,587	976,609	5,273,156	11,401,323	July	60,002	11,461,325	11,674,089	212,764	1.82%	1.91%
August	3,240,720	2,038,752	1,025,652	5,375,742	11,680,866	August	70,314	11,751,180	12,865,171	1,113,991	8.66%	2.84%
September	3,229,657	1,921,243	1,186,808	5,407,523	11,745,231	September	78,556	11,823,787	11,673,042	-150,745	-1.29%	2.38%
October	2,705,400	1,714,504	1,562,039	5,528,826	11,510,769	October	92,369	11,603,138	12,030,342	427,204	3.55%	2.50%
November	2,389,569	1,680,710	1,970,666	5,592,750	11,633,695	November	98,157	11,731,852	12,649,096	917,244	7.25%	2.96%
December	3,077,854	1,711,744	1,601,199	5,470,848	11,861,645	December	106,970	11,968,615	13,111,190	1,142,575	8.71%	3.49%
Totals	40,540,752	24,776,123	16,352,061	55,420,675	137,089,611	Totals	971,673	138,061,284	143,055,728	4,994,444		