

P.O. Box 288 Tipton, IN 46072-0288 Office: 765-675-7629 Fax: 765-675-9048

# 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.

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

# 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:

ECA Tra	cking Factor	
\$ 0.037067	Per Kwh	
0.038690	Per Kwh	
0.040303	Per Kwh	
0.035002	Per Kwh	
\$	\$ 0.037067 0.038690 0.040303	\$ 0.037067 Per Kwh 0.038690 Per Kwh 0.040303 Per Kwh 0.035002 Per Kwh

MONTH'S EFFECTIVE:

APR 2015 MAY 2015 JUNE 2015

# TO THE INDIANA UTILITY REGULATORY COMMISSION:

 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:

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

- 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.)	
COUNT	Y OF TIPTON)	SS:
4		
Pers		fore me, a Notary Public in and for said county and state,
this	day of	, 2015 Rex Boyer, who, after having been duly
swom ac	cording to law, stat	ed that she is an employee of Tipton Utilities; Tipton,
Indiana,	that she has read th	e matters and facts stated above, and in all exhibits attached
hereto, a	nd that the same are	true; that she is duly authorized to execute this instrument
	on behalf of the app	: [ - [ - [ - [ - [ - [ - [ - [ - [ - [
	- 21101 15 July 100	

Susan Munson, Notary Public	
Mr. County of Docidon on Tinton	

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			MAND		ENERGY RELATED	LINE NO.
				(A)		(B)	
L	INCREMENTAL CHANGE IN BASE RATE (a)			8.896		0.014888	r
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)		5	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					96.51%	
	<ul> <li>(d) Line 4 divided by (1 - line loss factor)(0.986)</li> <li>(e) Tracking Factor effective prior to January 27, 1983. This factor is</li> </ul>					95.16%	

zero if new rates have been filed and approved since January 27, 1983.

<sup>(</sup>f) Exhibit III, Column E, Lines 1 and 2

<sup>(</sup>g) Line 7 times Line 8

IURC 30-Day Filing No.: 3326
Indiana Utility Regulatory Commission

Filing No. 2ND QTR 2015 Page 2 of 3

### CITY OF TIPTON, INDIANA

# DETERMINATION OF RATE ADJUSTMENT FOR THE THREE MONTHS OF:

APR 20 MAY 2015 JUNE 2015

LINE	RATE	KW DEMAND ALLOCATOR	ALLOCATOR	ALLOCATED ESTIMATED KWH	ALLOCATED ESTIMATED KWH	- 11				INCREMENTAL CHANGE IN PURCHASED POWER COST ADJ FOR LINE LOSSES & GROSS RECEIPTS TAX		RECEIPTS TAX		LINE
NO.	SCHEDULE	(%) (a)	(%) (a)	PURCHASED (b)	PURCHASED (c)	DI	EMAND (d)	E	NERGY (e)		TOTAL	NO.		
		(A)	(B)	(C)	(D)	-	(E)	-	(F)		(G)			
1	RATE - A	34.096	33.919	7,228.4	3,619,817	s	68,235.64	\$	65,989.27	S	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	100.000	100,000	21,200.0	10.671.946	•	200.128.00		194,549.58		394,677.58	10		

<sup>(</sup>a) From Cost of Service Study Based on Twelve Month Period 01/01/97 to 12/31/97

<sup>(</sup>b) Page 1 of 3, Column A, Line 8 times Page 2 of 3, Column A

<sup>(</sup>c) Page 1 of 3, Column B, Line 8 times Page 2 of 3, Column B

<sup>(</sup>d) Page 1 of 3, Column A, Line 9 times Page 2 of 3, Column A

<sup>(</sup>e) Page 1 of 3, Column B, Line 9 times Page 2 of 3, Column B

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No. 2ND QTR 2015

### TIPTON (INDIANA) MUNICIPAL ELECTRIC UTILITY

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

LINE	RATE		PLUS VAI	RIANCE	(a)				IN PURCHASED SES & GROSS I	13/20 14/20			RATE ADJU	JSTMENT FACTOR PER	KWH (d)	LINE
NO.	SCHEDULE	-	DEMAND	I	NERGY	D	EMAND (b)	E	NERGY (c)		TOTAL	1	DEMAND	ENERGY	TOTAL.	NO.
			(A)		(B)		(C)		(D)		(E)		(F)	(G)	(H)	
1	RATE - A	\$	(1,415.47)	5	1,368.06	S	66,820.17	5	67,357.33	S	134,177.51	s	0.018460	\$0.018608	\$0.037067	ï
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			9						247777		and the second					6
7																7
8																8
q																9
						-		-		-		-			-	
10	TOTAL	5	(6,531.18)	\$	7,858,05	S	193,596.82	5	202,407.63	5	396,004.45	\$	0.018141	\$0,018966	\$0.037107	100

<sup>(</sup>a) Exhibit IV, Page 4 of 7, Columns D and E / (1 - loss factor)(.986) = Plus, the Special Variance from Page 2A of 3, Columns C and D

95.16%

<sup>(</sup>b) Page 2 of 3, Column E plus Page 2a of 3, Column F plus Page 3 of 3, Column A.

<sup>(</sup>c) Page 2 of 3, Column F plus Page 2a of 3, Column G plus Page 3 of 3, Column B.

<sup>(</sup>d) Page 3 of 3, Columns C, D and E divided by Page 2 of 3, Column D

Indiana Utility Regulatory Commission

Filing No. Exhibit I 2ND QTR 2015

### TIPTON (INDIANA) MUNICIPAL ELECTRIC UTILITY

### DETERMINATION OF INCREMENTAL CHANGE IN BASE RATES

LINE NO.	DESCRI	PTION		EMAND ELATED		ENERGY RELATED	LINE NO.
L	BASE RATE EFFECTIVE	January 1, 2015 (a)	5	22.378	S	0.030781	1
2	BASE RATE EFFECTIVE	January 1, 2004 (b)	_	13.482	_	0.015893	2
3	INCREMENTAL CHANGE IN	N BASE RATE (c)	_	\$8.896		\$0.014888	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

Received: March 5, 2015

IURC 30-Day Filing No.: 3326 Indiana Utility Regulatory Commission

Filing No. 2ND QTR 2015 Exhibit III

# 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		MAY 2015		JUNE 2015		TOTAL	3	STIMATED S MONTH AVERAGE	LINE NO.
			(A)		(B)		(C)		(D)		(E)	
	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	5	0.087	5	0.087	5	0.087			S	0.087	3
4	CHARGE (a)	\$	1,535.72	\$	1,808.64	S	2,188.92	\$	5,533.29	\$	1,844.43	4
	ENERGY RELATED											
5	ECA FACTOR PER KWH	5	0.002460	\$	0.002460	S	0.002460			S	0.002460	5
6	CHARGE (b)	\$	24,454.36	\$	25,675.40	\$	28,629.20	S	78,758.96	\$	26,252.99	6

<sup>(</sup>a) Line 1 times Line 3

<sup>(</sup>b) Line 2 times Line 5

Indiana Utility Regulatory Commission

Filing No. 2ND QTR 2015

Exhibit IV Page 1 of 7

### TIPTON (INDIANA) MUNICIPAL ELECTRIC UTILITY

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

NO.	DESCRIPTION	ON			DEMAND RELATED	_	ENERGY RELATED	NO.
					(A)		(B)	
1	INCREMENTAL CHANGE IN B.	ASE RATE (a)		\$	8.0820	S	0.013658	1
2	ACTUAL SAVINGS FROM DED CAPACITY PAYMENTS (b)	ICATED	7.					2
3	ACTUAL PURCHASED POWER COST ADJUSTMENT (c)	ENERGY	+		0.274		0.002812	3
4	PLUS TRACKING FACTOR EFF PRIOR TO IMPA MEMBERSHI	7.04717	+		0.000		0.000000	4
5	TOTAL RATE ADJUSTMENT (e	)			8.356	S	0.016470	5
6	ACTUAL AVERAGE BILLING U	INITS (f)	*	-	21,241	-	12,596,876	6
	LINE 5 * LINE 6 OTHER CHARGES			s	177,489.80 N/A	s	207,470.55	
7	ACTUAL INCREMENTAL CHA			5	177,489.80	5	207,470.55	7
	(a) Page I of 3, Line I of the Tracker fi		2014	DEC	2014			
	Base Rate Effective 01/01/2014	minus		-	e Rate Effective	01/01/2	004	
	Demand Energy	\$21.564000 \$0.029551					\$13.482000 \$0.015893	

Energy \$0 (b) Exhibit IV, Page 5 of 7, Column E, Line 9

<sup>(</sup>c) Exhibit IV, Page 6 of 7, Column E, Lines 4 and 6

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

<sup>(</sup>e) Sum of Lines 1 through 4

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

<sup>(</sup>g) Line 5 times Line 6

Indiana Utility Regulatory Commission

Filing No. 2ND QTR 2015

Exhibit IV Page 2 of 7

### TIPTON (INDIANA) MUNICIPAL ELECTRIC UTILITY

# RECONCILIATION OF VARIANCES FOR THE THREE MONTHS OF:

OCT 2014 NOV 2014

DEC 2014

LINE	RATE	KW DEMAND ALLOCATOR	KWH ENERGY ALLOCATOR	ALLOCATED ACTUAL KW	ALLOCATED ACTUAL KWH	IN	CREMENTAL	CHAN	GE IN PURCHA	SED POW	ER COST	LINE
NO.	SCHEDULE	(%) (a)	(%) (a)	PURCHASED (b)	PURCHASED (c)	DI	EMAND (d)	E	NERGY (e)		TOTAL	NO.
	,	(A)	(B)	(C)	(D)		(E)		(F)		(G)	
ī	RATE - A	23.773	23.150	5,049.6	2,916,190	s	42,194.88	S	48,029.66	S	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											1.4	6
7												7
8												8
9		<del></del>				-		-		-		9
10	TOTAL	100.000	100.000	21,241.0	12,596,876	s	177,489.80	5	207,470.55	\$	384,960.35	10

<sup>(</sup>a) Page 2 of 3, Columns A and B of tracker filed for the months of

OCT 2014

NOV 2014

DEC 2014

<sup>(</sup>b) Exhibit IV, Page 6 of 7, Column E, Line 1 times Exhibit IV, Page 2 of 7, Column A

<sup>(</sup>c) Exhibit IV, Page 6 of 7, Column E, Line 2 times Exhibit IV, Page 2 of 7, Column B

<sup>(</sup>d) Exhibit IV, Page 1 of 7, Column A, Line 7 times Exhibit IV, Page 2 of 7, Column A

<sup>(</sup>e) Exhibit IV, Page 1 of 7, Column B, Line 7 times Exhibit IV, Page 2 of 7, Column B

Indiana Utility Regulatory Commission

Filing No. 2ND QTR 2015 Exhibit IV

Page 3 of 7

# TIPTON (INDIANA) MUNICIPAL ELECTRIC UTILITY

# RECONCILIATION OF VARIANCES FOR THE THREE MONTHS OF:

OCT 20 NOV 2014 DEC 2014

LINE NO.	RATE SCHEDULE	ACTUAL AVERAGE KWH SALES (a) (A)	DEMAND ADJUSTMENT FACTOR PER KWH (b)	ENERGY ADJUSTMENT FACTOR PER KWH (c)	KV CC	CREMENTAL W DEMAND OST BILLED MEMBER (d) (D)	CC	CREMENTAL VH ENERGY OST BILLED MEMBER (e) (E)	FRO	PREV. VARIAN M FILING NUMI MAND (f) (F)	BER (	STEM SALES OCT 2014 NERGY (g) (G)	LINE NO.
1 2 3 4 5 6 7 8	RATE - A RATE - B RATE - C RATE - D FLAT RATES	2,724,274 1,702,319 1,711,301 5,530,808 99,165	0.016637 0.018156 0.019577 0.014014 0.014674	0.017167 0.017235 0.017072 0.016774 0.017328	s	44,689.21 30,474.60 33,033.11 76,423.62 1,434.78	5	46,112.87 28,928.72 28,806.32 91,474.94 1,694.27	S	1,147.37 941.80 348.26 (131.88) 44.89	ż	(614.94) (244.69) (322.25) (1,791.04) (2.79)	1 2 3 4 5 6 7 8
10	TOTAL	11,767,867			S	186,055,32	\$	197,017.12	Š	2,350.44	\$	(2,975.71)	10
	(e) Column A times Colu (f) Exhibit IV, Page 4 of	of Tracker Filing for the G of Tracker Filing for the Inn B times the Utility Rec Inn C times the Utility Rec To Column D of Tracker Fi	three months of ceipts Tax Factor of		OCT :	700	NOV	2014 2014 2014 2014	NOV	2014 2014 7 2014 7 2014		2014 2014	

Indiana Utility Regulatory Commission

Filing No. 2ND QTR 2015

Exhibit IV Page 4 of 7

### TIPTON (INDIANA) MUNICIPAL ELECTRIC UTILITY

# RECONCILIATION OF VARIANCES FOR THE THREE MONTHS OF:

OCT 2014 NOV 2014

DEC 2014

LINE	RATE		NET INCREM	MENTAL	COST BILLED	BY ME	MBER			V	ARIANCE			LINE
NO.	SCHEDULE	D	EMAND (a)	E	NERGY (b)		TOTAL	DE	MAND (c)	EN	VERGY (c)	TO	OTAL (c)	NO.
			(A)		(B)		(C)		(D)		(E)		(F)	
11	RATE - A	5	43,541.84	S.	46,727.81	5	90,269.65	s	(1,346.96)	s	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														0
10	TOTAL	5	183,704.88	s	199,992.83	s	383,697.71	s	(6,215.07)	s	7,477.72	s	1,262.65	10

<sup>(</sup>a) Column D minus Column F from Exhibit IV, Page 3 of 7

<sup>(</sup>b) Column E minus Column G from Exhibit IV, Page 3 of 7

<sup>(</sup>c) Columns E, F, and G from Exhibit IV, Page 2 of 7 minus Columns A, B, and C

Filing No. 2ND QTR 2015 Exhibit IV

Page 6 of 7

# TIPTON (INDIANA) MUNICIPAL ELECTRIC UTILITY

# DETERMINATION OF ACTUAL ENERGY COST ADJUSTMENT FOR THE THREE MONTHS OF OCT 2014 NOV 2014 DEC 2014

LINE NO.	DESCRIPTION		OCT 2014 (A)	_1	NOV 2014 (B)	_	DEC 2014 (C)	_	TOTAL.	4	ACTUAL 3 MONTH AVERAGE (E)	LINE
	PURCHASED POWER FROM IMPA											
Ĭ	KW DEMAND (a)		20,330		21,778		21.614		63,722		21,241	L.
2	KWH ENERGY (a)		12,030,342		12,649,096		13,111,190		37,790,628		12,596,876	2
	INCREMENTAL PURCHASED POWER COSTS											
	DEMAND RELATED											
3	ECA FACTOR PER KW (a)	5	0.274	5	0.274	5	0.274			. 5	0.274	3
4	CHARGE (b)	\$	5,570.42	5	5,967.17	\$	5,922.24	\$	17,459.83	5	5,819.94	4
	ENERGY RELATED											
5	ECA FACTOR PER KWH (a)	8	0.002812		0.002812	S	0.002812			S	0.002812	5
6	CHARGE (c)	5	33,829.32	5	35,569.26	5	36,868.67	5	106,267.25	2	35,422,42	6
	) From IMPA bills for the months ) Line 1 times Line 3	- (	OCT 2014	11	NOV 2014	l3	DEC 2014					

<sup>(</sup>c) Line 2 times Line 5

Filing No. 2ND QTR 2015 Exhibit IV

Exhibit IV Page 7 of 7

# 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.
ī	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	11,603,138	11,731,852	11,968,615	35,303,605	11,767,867	10

Received: March 5, 2015

IURC 30-Day Filing No.: 3326

Indiana Utility Regulatory Commission

Exhibit VII

# DETERMINATION OF ACTUAL KW DEMAND ALLOCATION AND KWH ENERGY ALLOCATION FACTORS

OCT 2014

NOV 2014

DEC 2014

Rate Schedule	Average Sales	Percent of Total	kWh Energy Factors	Variance	kW Demand	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	0.84359	1.074%	-21.539%	0.944%	0.741%	0.757% 0.000%
	11,767,867	100:000%	100,000%		100.000%	97.887%	100.000%

<sup>(</sup>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)



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

Due Date: 12/15/14

Amount Due: \$833,935.70

Invoice No: INV0004491

Billing Period: October 1 to October 31, 2014

Invoice Date: 11/14/14 Demand\* kW kvar Power Factor Date Time (EST) Load Factor 20,722 10/02/14 Maximum Demand: 5,827 96.27% 1500 78.03% 96.38% 10/02/14 CP Billing Demand: 20,330 5,621 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

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

<sup>\*</sup> Getrag: units adjusted by factors of 0.997 for demand & 0.998 for energy.

Received: March 5, 2015

IURC 30-Day Filing No.: 3326

Indiana Utility Regulatory Commission Tipton Municipal Utilities **IMPA Delivery Point Details** 

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

	Individual Substation Maximum Demand						d at Tipton's n 10/02/14	s Maximum at 1500 EST	Peak	Demand at IMPA's Coincident Peak on 10/02/14 at 1600 EST				
Delivery Point	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	18	1 1	141	3-	4	-3-	4	9	- 4	-	- 4	- 4		
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%	



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

	ATMINISTRACT SELECT				Title of the property	
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: 5	884,950.66
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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

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

Received: March 5, 2015

IURC 30-Day Filing No.: 3326

Indiana Utility Regulatory Commission Tipton Municipal Utilities **IMPA Delivery Point Details** 

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

	Individual Substation Maximum Demand						d at Tipton's 11/18/14	s Maximum I at 1100 EST	Peak	Demand at IMPA's Coincident Peak on 11/18/14 at 1900 EST				
Delivery Point	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	- 5	58	100.00%	- 5		The .	-		- 14		-	
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%	



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:	and the
Getrag Bank #2:	57,200
Getrag Bank #3:	585,036
Getrag Bank #4:	1,141,356
Total Energy:	13,111,190

Dec 2014		
Dec 2014	Dec 2013	2014 YTD
22,380	21,540	26,698
21,614	21,540	26,412
13,111,190	12,184,246	143,055,731
81.53%	76.03%	
973/0	1077/0	
	21,614 13,111,190 81.53%	22,380 21,540 21,614 21,540 13,111,190 12,184,246 81.53% 76.03%

Purchased Power Charges	Rate		Units	Charge
Base Demand Charge:	\$ 20.039	/kW x	21,614	\$ 433,122.99
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	13,111,190	\$ 387,448.78
ECA Energy Charge:	\$ 0.002812	/kWh	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

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

<sup>\*</sup> Getrag: units adjusted by factors of 0.997 for demand & 0.998 for energy.

Received: March 5, 2015

IURC 30-Day Filing No.: 3326

Indiana Utility Regulatory Commission Tipton Municipal Utilities **IMPA Delivery Point Details** 

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

Delivery Point	Individual Substation Maximum Demand					Demand at Tipton's Maximum Peak on 12/17/14 at 1500 EST				Demand at IMPA's Coincident Peak on 12/17/14 at 1900 EST			
	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	-		-		-	-	1+1	-	-		8	(6)	-
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
To develop these Energy Cost Adjustment factors, IMPA used						
the following estimated loads for		kW			kWh	
TIPTON	17,652	20,789	25,160	9,940,798	10,437,153	11,637,888

# TIPTON MUNICIPAL ELECTRIC UTILITY

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

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

	kwh per mon	th per rate				FLAT RATE TOTALS GR		GRAND TOTAL	IMPA Billing	Unacct	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		