



TIPTON MUNICIPAL UTILITIES

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

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

November 11, 2014

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 January, February, and March 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 our supplier, Indiana Municipal Power Agency. This filing is necessary because of a change in the Utility's wholesale rates from the Indiana Municipal Power Agency. This filing is allowed under 170 IAC 1-6-3 for the following reasons: This request is allowable pursuant to 170 IAC 1-6-3 of Rule 6 because it entails Cause No. 36835-S3 dated December 13, 1989: A filing for which 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, IN 46072
rboyer@tusb.com

Affected customers shall be 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

Received: November 12, 2014

IURC 30-Day Filing No.: 3296

Indiana Utility Regulatory Commission

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". The signature is written in a cursive style with a large, sweeping initial "R".

Rex A. Boyer
General Manager



TIPTON MUNICIPAL UTILITIES
P.O. Box 288
Tipton, IN 46072
Phone: 765-675-7629
Fax: 765-675-9048

November 11, 2014

Mr. Mike Williams
Indiana Utility Regulatory Commission
101 W. Washington St., 1500 E.
Indianapolis, IN 46204

Re: Quarterly IMPA Tracker Filing
January, February, and March 2015.

The required Proof of Publication of Legal Notice will be forwarded as soon as it is available.

If you have any questions regarding this information, please contact this office.

Very truly yours,


Rex A. Boyer
General Manager

Enc.

cc: R. G. Rao (I.M.P.A.) w/ Enc.

Received: November 12, 2014
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TIPTON MUNICIPAL ELECTRIC UTILITY

ENERGY COST ADJUSTMENT TRACKING FACTOR
1ST QUARTER, 2015

BILLING AND USAGE PERIOD: JAN 2015 THROUGH MAR 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	\$	0.036480 Per Kwh
RATE - B		0.038001 Per Kwh
RATE - C		0.039731 Per Kwh
RATE - D		0.035029 Per Kwh

MONTH'S EFFECTIVE:

JAN 2015

FEB 2015

MAR 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	\$ 0.002676 Per Kwh
RATE - B	\$ 0.002610 Per Kwh
RATE - C	\$ 0.003082 Per Kwh
RATE - D	\$ 0.004241 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 12th day of NOV., 2014, Rex Boyer, who, after having been duly sworn according to law, stated that he is an employee of Tipton Utilities; Tipton, Indiana, that he has read the matters and facts stated above, and in all exhibits attached hereto, and that the same are true; that he 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:
May 8, 2019

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	\$	0.002676	per kilowatt hour	(Kwh)
RATE - B	\$	0.002610	per kilowatt hour	(Kwh)
RATE - C	\$	0.003082	per kilowatt hour	(Kwh)
RATE - D	\$	0.004241	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 January 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	\$	0.002676 /Kwh
RATE - B	\$	0.002610 /Kwh
RATE - C	\$	0.003082 /Kwh
RATE - D	\$	0.004241 /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 are expected to change by approximately \$2.68 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 \$1.87. 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

DETERMINATION OF RATE ADJUSTMENT FOR THE THREE MONTHS OF:
 JAN 2015 FEB 2015 MAR 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)		9.466	0.018280	5
6	PLUS TRACKING FACTOR EFFECTIVE PRIOR TO JANUARY 27, 1983 (e)	+	0.000	0.000000	6
7	ESTIMATED TOTAL RATE ADJUSTMENT		9.466	0.018280	7
8	ESTIMATED AVERAGE BILLING UNITS (f)	*	22,043	12,013,036	8
9	ESTIMATED INCREMENTAL CHANGE IN PURCHASED POWER COST (g)		\$ 208,659.04	\$ 219,598.30	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)

= 96.25%
 94.90%

(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:
JAN 2015 FEB 2015 MAR 2015

LINE NO.	RATE SCHEDULE	KW DEMAND ALLOCATOR (%) (a) (A)	KWH ENERGY ALLOCATOR (%) (a) (B)	ALLOCATED ESTIMATED KWH PURCHASED (b) (C)	ALLOCATED ESTIMATED KWH PURCHASED (c) (D)	INCREMENTAL CHANGE IN PURCHASED POWER COST ADJ FOR LINE LOSSES & GROSS RECEIPTS TAX			LINE NO.
						DEMAND (d) (E)	ENERGY (e) (F)	TOTAL (G)	
1	RATE - A	34.096	33.919	7,515.8	4,074,702	\$ 71,144.39	\$ 74,485.55	\$ 145,629.94	1
2	RATE - B	23.147	21.193	5,102.3	2,545,923	48,298.31	46,539.47	94,837.78	2
3	RATE - C	14.037	11.801	3,094.2	1,417,658	29,289.47	25,914.80	55,204.27	3
4	RATE - D	27.776	32.013	6,122.7	3,845,733	57,957.13	70,300.00	128,257.13	4
5	FLAT RATES	0.944	1.074	208.1	129,020	1,969.74	2,358.49	4,328.23	5
6									6
7									7
8									8
9									9
10	TOTAL	<u>100.000</u>	<u>100.000</u>	<u>22,043.0</u>	<u>12,013,036</u>	<u>\$ 208,659.04</u>	<u>\$ 219,598.30</u>	<u>\$ 428,257.34</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
JAN 2015 FEB 2015 MAR 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	ENERGY	DEMAND (b)	ENERGY (c)	TOTAL	DEMAND	ENERGY	TOTAL	
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
1	RATE - A	\$ 3,479.86	\$ (462.92)	\$ 74,624.25	\$ 74,022.63	\$ 148,646.88	\$ 0.018314	\$0.018166	\$0.036480	1
2	RATE - B	2,238.18	(327.82)	50,536.49	46,211.65	96,748.14	0.019850	0.018151	0.038001	2
3	RATE - C	1,303.74	(183.53)	30,593.21	25,731.27	56,324.48	0.021580	0.018151	0.039731	3
4	RATE - D	6,213.88	241.71	64,171.01	70,541.71	134,712.71	0.016686	0.018343	0.035029	4
5	FLAT RATES	52.14	(19.22)	2,021.88	2,339.27	4,361.15	0.015671	0.018131	0.033802	5
6										6
7										7
8										8
9										9
10	TOTAL	\$ 13,287.80	\$ (751.78)	\$ 221,946.84	\$ 218,846.53	\$ 440,793.37	\$ 0.018475	\$0.018217	\$0.036693	10

(a) Exhibit IV, Page 4 of 7, Columns D and E / (1 - loss factor) (986) - 94.90%
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

<u>LINE NO.</u>	<u>DESCRIPTION</u>		<u>DEMAND RELATED</u>	<u>ENERGY RELATED</u>	<u>LINE NO.</u>
1	BASE RATE EFFECTIVE January 1, 2014 (a)		\$ 22.378	\$ 0.030781	1
2	BASE RATE EFFECTIVE January 1, 2004 (b)	-	<u>13.482</u>	<u>0.015893</u>	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

**INDIANA MUNICIPAL POWER AGENCY
POWER SALES RATE SCHEDULE B**

1. **Applicability.** Electric Service for all requirements of Members and other municipal electric utilities (hereinafter, "Member") for municipal use and redistribution to retail customers.
2. **Availability.** This Schedule B is available to Members purchasing all their power and energy from the Agency under the terms of the Power Sales Contracts or a Power Supply Agreement (hereinafter, the "Contract").
3. **Character of Service.** Electricity furnished under this Schedule B at one or more Points of Delivery as set forth in Schedule A shall be sixty-hertz, three-phase, alternating current.
4. **Billing Rates and Charges.** For electricity furnished hereunder, the charges for each billing period shall be determined as follows:

- a) **Base Charges.** The Member's bill will include a Base Demand Charge, a Base Energy Charge, and Base Reactive Demand Charge.

Base Demand Charge: \$20.897 per kilowatt-Month ("kW-Month") of Billing Demand

Base Energy Charge: 30.781 mills per kilowatt-hour ("kWh") for all Billing Energy

Reactive Demand Charge: \$1.200 per kilovar ("kvar") of excess Billing Reactive Demand

- b) **Delivery Voltage Charge.** The Base Demand Charge under Paragraph (a) is based on delivery of power and energy to the Member at 138,000 volts or higher. Where power and energy is delivered at voltages less than 138,000 volts, the Member's bill will include an amount equal to the product of the applicable Delivery Voltage Charge and the Member's Billing Demand.

Delivery Voltage Charge (\$/kW-Month)

138 kV or above	\$ -
34.5 and 69 kV	\$ 0.782
Primary (Below 34.5 kV)	\$ 1.481

In addition to the above charges, any additional cost incurred by the Agency in providing delivery facilities for the sole use of the Member shall be added to the Delivery Voltage Charge provided above.

If, at its option, a Member purchases local facilities that are used to determine such charges, the Agency shall recalculate the Delivery Voltage Charge without such facilities.

- c) **Other Charges.** The Member's bill will include an amount, either a charge or credit, as provided by Paragraph 5, Energy Cost Adjustment, equal to the product of the applicable Demand Cost Factor and the Member's Billing Demand, plus the product of the applicable Energy Cost Factor and the Member's Billing Energy. Additionally, the Member's bill may include a Tax Adjustment Charge as provided in Paragraph 8 and a Late Payment Charge as provided in Paragraph 9, if applicable.
5. **Energy Cost Adjustment.** During each consecutive six-month period, the Agency shall apply estimated Energy Cost Adjustment factors (ECA's) as charges or credits on Member bills. Such ECA's shall be determined for each such six-month period on the basis of the difference between the base costs of the Agency's power supply resources and the estimated total costs of such power supply resources. Variances between total costs incurred and estimated total costs for a specified period shall be included as part of one or more future six-month estimated ECA factors and shall be fully reconciled. Refunds, credits or additional charges to the Agency in connection with the Agency's power supply resources shall be refunded or charged to the Member by inclusion as part of future six-month estimated ECA factors. Where such refunds, credits or additional charges reflect costs attributable to a period in excess of six months, refunds or charges may be made over a longer period of time not to exceed the period of time to which the refunds, credits or charges are related. If a rate change filed by any of the Agency's power suppliers becomes effective during any such six-month period, the ECA for such period may be modified to reflect such rate change.

ECA's will be developed separately for all Members as specified below. A Member's ECA may be adjusted to reflect an additional amount for services provided by IMPA as authorized in writing by the Member. In addition, where a Member owns transmission facilities for which the Agency receives credit against its transmission expenses, that Member's factor may be further adjusted to reflect receipt of a portion of this credit.

Adjustments for variances in demand related costs and energy related costs shall be accounted for separately using DCF (Demand Cost) and ECF (Energy Cost) factors.

- a) **Demand Related Costs.** Demand related cost variance shall be computed as the difference between the Agency's base and actual demand related costs. The resulting DCF for the period shall be calculated, to the nearest \$0.001 per kilowatt, using the following formula:

$$DCF = \frac{SRDC}{SDS} - 12.042 + MTCF$$

Where:

SRDC is the total demand related cost of the Agency's System Resources for the period, as defined below. The Costs included in the System Resource base are:

1. The fixed operation and maintenance costs of jointly-owned generating units including payments in lieu of taxes, insurance and gross receipts tax.
2. The fixed operating and maintenance costs including fixed fuel cost, payments in lieu of taxes, insurance and gross receipts tax of solely-owned generating units.

3. Generation and transmission capacity payments to Members.
4. The demand-related costs of transmission and distribution service charges and the ownership costs of transmission and local facilities including insurance premiums or provisions for self-insurance.
5. The demand-related costs of all power purchased by the Agency including but not limited to charges for firm power, back-up and reserve capacity, and interchange transactions.
6. Credits for demand-related revenue derived from the sale of power to non-member electric systems.
7. The demand-related ownership costs of additional generating facilities which may be purchased by the Agency.
8. The Agency's system control expenses.
9. The Agency's expenses incurred in implementing Demand-Side Management/Energy Efficiency programs amortized over three (3) years.
10. The credits paid under the Interruptible Rate Schedule.
11. The costs associated with operating lines and letters of credit.
12. Debt service payments for debt issued after the adoption of this Schedule B.

SDS is the total kilowatt Billing Demand of Members in the period.

MTCF is the Member-owned transmission credit factor (MTCF) calculated individually for members who own transmission facilities for which the Agency receives credits against its transmission expenses. The MTCF will be calculated based on a credit to the Member of 75% of the benefits the Agency realizes from the facilities. The Agency will retain the remaining 25% to cover its implementation costs of the credits. If such transmission-owning Member also receives dedicated capacity payments that already include transmission credits in the demand payment, it will receive transmission credits through either the MTCF or the capacity payment, whichever is greater.

- b) **Energy Related Costs.** Energy related cost variance shall be computed as the difference between Agency's base and actual energy related costs. The resulting ECF for the period shall be calculated to the nearest \$0.000001 (0.001 mills) per kilowatt-hour, using the following formula:

$$ECF = \frac{SREC}{SES} - 29.909$$

Where:

SREC is the total energy related cost of the Agency's System Resources for the period, as defined below.

The costs included in the System Resource base are:

- 1) The fuel and energy related operating and maintenance costs of jointly-owned generating units.
- 2) The variable fuel costs and energy related operating and maintenance costs of solely-owned generating units.
- 3) Fuel payments to generating Members.
- 4) The energy related costs of service charges for transmission and local facilities.
- 5) The energy related costs of all energy purchased by the Agency including but not limited to charges for firm power, back-up and reserve capacity, and interchange transactions.
- 6) Credits for energy related revenue derived from the sale of power to non-member electric systems.
- 7) The energy related costs and savings of additional generating facilities that may be purchased by the Agency.

SES is the total kilowatt-hour Billing Energy of Members in the period.

- c) Insofar as the Agency is unable to use actual cost data and must rely on estimated costs, any dollar difference between actual and estimated costs shall be added to the appropriate costs, as defined above, in the calculation of the ECF and DCF factors in the period following the time when such actual cost data is available.
6. **Green Power Rate.** For any Member having one or more retail customers served under a pass through Green Power Rate, the Member will be billed an additional charge which represents the additional cost of the Agency to acquire and deliver such green power above its normal power supply and transmission costs. The Green Power Rate will consist of a charge of \$0.009 per kWh. The charges billed under this Paragraph 6 shall be in addition to any other Billing Rates and Charges applicable to such Member pursuant to this Power Sales Rate Schedule. Members shall reserve the total number of kWhs being purchased by their customers by the 5th working day of the prior month. Service under this rate may be limited at the sole discretion of the Agency, based on the expected amount of renewable energy available.
 7. **Interruptible Rate.** An interruptible rate is available for demand response service (DRS) to any IMPA member for providing such service to their retail customers who are capable of meeting the requirements of the schedule and the applicable Regional Transmission Organization (“RTO”). This service is available under the “Interruptible Rate Schedule – MISO” for members located in the Midwest Independent System Operator (“MISO”) footprint and “Interruptible Rate Schedule – PJM” for members located within the PJM interconnection LLC (“PJM”) RTO footprint. This service requires a three party agreement between IMPA, the Member and the Member’s retail customer as presented in the Schedules.
 8. **Tax Adjustment Charge.** In the event of the imposition of any tax, or payment in lieu thereof, by any lawful authority on the Agency for production, transmission, or sale of electricity, the charges hereunder may be increased to pass on to the Member its share of such tax or payment in lieu thereof.

9. **Late Payment Charge.** The Agency may impose a late payment charge on the unpaid balance of any amount not paid when due. Such charge shall be equal to the interest on the unpaid balance from the due date to the date of payment, with the interest rate being the prime rate value published in *The Wall Street Journal* for the third month prior to the due date. The charge required to be paid under this paragraph will be compounded monthly.

10. **Metering.** The metered demand in kW in each billing period shall be the 60 minute integrated demand (or corrected to a 60 minute basis if demand registers other than 60 minute demand registers are installed) occurring during the hour of the highest 60 minute coincident integrated demand of the Agency in its respective operating/power supply contract areas. The metered reactive demand in kvar in each billing period shall be the reactive demand that occurred during the same 60-minute demand interval in which the metered kilowatt demand occurred.

Demand and energy meter readings shall be adjusted, if appropriate, as provided in Schedule A of the Contract.

11. **Billing Demand.** The Billing Demand in any period shall be the metered demand as determined under Paragraph 10, giving effect to all adjustments including adjustments provided for in the Agency's Interruptible Rate Schedules (see Paragraph 7).

12. **Billing Reactive Demand.** The Billing Reactive Demand for any billing period shall be the amount of reactive demand in kVARs by which the metered reactive demand exceeds the reactive demand at a 97% power factor.

13. **Billing Period.** The billing period shall be in accordance with the schedule established by the Agency.

14. **Billing Energy.** Billing Energy in any period shall be the metered energy for the period as determined under Paragraph 10, giving effect to all adjustments including adjustments provided for in the Agency's Interruptible Rate Schedules (see Paragraph 7).

Received: November 12, 2014

IURC 30-Day Filing No.: 3296

Indiana Utility Regulatory Commission



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

Due Date:
09/15/14

Amount Due:
\$891,547.50

Billing Period: July 1 to July 31, 2014
 Invoice No: INV0004185
 Invoice Date: 08/14/14

Demand*	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	23,995	5,109	97.81%	07/22/14	1400	65.39%
CP Billing Demand:	23,525	4,351	98.33%	07/22/14	1600	66.70%
kvar at 97% PF:		5,896				
Reactive Demand:		-				

Energy*	kWh
Duke Interconnections:	9,916,819
Getrag Bank #1:	-
Getrag Bank #2:	16,910
Getrag Bank #3:	429,072
Getrag Bank #4:	1,311,288
Total Energy:	11,674,089

History	Jul 2014	Jul 2013	2014 YTD
Max Demand (kW):	23,995	23,626	24,983
CP Demand (kW):	23,525	23,377	24,701
Energy (kWh):	11,674,089	10,769,852	80,726,890
CP Load Factor:	66.70%	61.92%	
HDD/CDD (Indianapolis):	4/172	3/285	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 20.039 / kW x	23,525	\$ 471,417.48
ECA Demand Charge:	\$ 0.274 / kW x	23,525	\$ 6,445.85
Delivery Voltage Charge - Less than 34.5 kV:	\$ 1.525 / kW x	23,525	\$ 35,875.63
Total Demand Charges:			\$ 513,738.96
Base Energy Charge:	\$ 0.029551 / kWh x	11,674,089	\$ 344,981.00
ECA Energy Charge:	\$ 0.002812 / kWh x	11,674,089	\$ 32,827.54
Total Energy Charges:			\$ 377,808.54
Average Purchased Power Cost: 7.64 cents per kWh			Total Purchased Power Charges: \$ 891,547.50

Other Charges and Credits

NET AMOUNT DUE: \$ 891,547.50

* 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: 09/15/14

Questions, please call: 317-573-9955

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

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Indiana Utility Regulatory Commission



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

Due Date:
10/15/14

Amount Due:
\$991,743.15

Invoice No: INV0004291

Invoice Date: 09/15/14

Billing Period: August 1 to August 31, 2014

Demand*	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	26,698	5,777	97.74%	08/25/14	1500	64.77%
CP Billing Demand:	26,348	5,871	97.61%	08/25/14	1600	65.63%
kvar at 97% PF:		6,603				
Reactive Demand:		-				

Energy*	kWh
Duke Interconnections:	10,960,870
Getrag Bank #1:	-
Getrag Bank #2:	14,865
Getrag Bank #3:	466,488
Getrag Bank #4:	1,422,948
Total Energy:	12,865,171

History	Aug 2014	Aug 2013	2014 YTD
Max Demand (kW):	26,698	23,595	26,698
CP Demand (kW):	26,348	22,886	26,348
Energy (kWh):	12,865,171	11,241,152	93,592,061
CP Load Factor:	65.63%	66.02%	
HDD/CDD (Indianapolis):	2/283	5/319	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 20.039 / kW x	26,348	\$ 527,987.57
ECA Demand Charge:	\$ 0.274 / kW x	26,348	\$ 7,219.35
Delivery Voltage Charge - Less than 34.5 kV:	\$ 1.525 / kW x	26,348	\$ 40,180.70
Total Demand Charges:			\$ 575,387.62
Base Energy Charge:	\$ 0.029551 / kWh x	12,865,171	\$ 380,178.67
ECA Energy Charge:	\$ 0.002812 / kWh x	12,865,171	\$ 36,176.86
Total Energy Charges:			\$ 416,355.53
Average Purchased Power Cost: 7.71 cents per kWh			Total Purchased Power Charges: \$ 991,743.15

Other Charges and Credits

NET AMOUNT DUE: \$ 991,743.15

* 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: 10/15/14

Questions, please call: 317-573-9955

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

Received: November 12, 2014

IURC 30-Day Filing No.: 3296

Indiana Utility Regulatory Commission



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

Due Date:
11/13/14

Amount Due:
\$954,559.91

Billing Period: September 1 to September 30, 2014

Invoice No: INV0004396

Invoice Date: 10/14/14

Demand*	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	26,452	5,566	97.86%	09/05/14	1600	61.29%
CP Billing Demand:	26,412	5,554	97.86%	09/05/14	1500	61.38%
kvar at 97% PF:		6,619				
Reactive Demand:		-				

Energy*	kWh
Duke Interconnections:	9,911,188
Getrag Bank #1:	-
Getrag Bank #2:	12,578
Getrag Bank #3:	467,664
Getrag Bank #4:	1,281,612
Total Energy:	11,673,042

History	Sep 2014	Sep 2013	2014 YTD
Max Demand (kW):	26,452	25,523	26,698
CP Demand (kW):	26,412	25,154	26,412
Energy (kWh):	11,673,042	10,458,364	105,265,103
CP Load Factor:	61.38%	57.75%	
HDD/CDD (Indianapolis):	73/94	26/170	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 20.039 / kW x	26,412	\$ 529,270.07
ECA Demand Charge:	\$ 0.274 / kW x	26,412	\$ 7,236.89
Delivery Voltage Charge - Less than 34.5 kV:	\$ 1.525 / kW x	26,412	\$ 40,278.30
Total Demand Charges:			\$ 576,785.26
Base Energy Charge:	\$ 0.029551 / kWh x	11,673,042	\$ 344,950.06
ECA Energy Charge:	\$ 0.002812 / kWh x	11,673,042	\$ 32,824.59
Total Energy Charges:			\$ 377,774.65
Average Purchased Power Cost: 8.18 cents per kWh			Total Purchased Power Charges: \$ 954,559.91

Other Charges and Credits

NET AMOUNT DUE: \$ 954,559.91

* 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: 11/13/14

Questions, please call: 317-573-9955

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