

TOWN OF KINGSFORD HEIGHTS

504 Grayton Road

P.O. Box 330

Kingsford Heights, IN 46346-0330

Phone: (219)393-3309

E-Mail: khtown1@csinet.net

Fax: (219)393-3016

September 29, 2015

Via Electronic Filing – 30 Day Filings – Electric

Indiana Utility Regulatory Commission
101 West Washington Street
Suite 1500 E
Indianapolis, IN 46204

RE: Kingsford Heights 30 Day Filing Pursuant to 170 IAC Rule 6

To the Indiana Utility Regulatory Commission:

Enclosed please find documents in support of a 30 Day Filing by the Town of Kingsford Heights Municipal Electric Utilities pursuant to 170 IAC Rule 6. The purpose of our filing is to implement an average change in the rates for electric service charged by its supplier, Indiana Municipal Power Agency. This request is allowable pursuant to 170 IAC 1-6-3 of Rule 6 because it entails Cause #36835-s dated 12-13-1989: a filing for which the commission has already approved or accepted the procedure for the change.

Affected customers have been notified as required under 170 IAC 1-6-6. Notice was published two times in the LaPorte Herald-Argus. In addition, the Legal Notice has been posted in the Town Hall at 504 Grayton Road in Kingsford Heights. The contact information, including every person who may need to be contacted, regarding this request is:

Patty M. Arnett, Clerk-Treasurer
Town of Kingsford Heights
504 Grayton Road
P.O. Box 330
Kingsford Heights, Indiana 46346-0330
Phone: (219) 393-3309 Fax: (219) 393-3016
khtown1@csinet.net

Indiana Utility Regulatory Commission

September 29, 2015

Page 2 of 2

The proposed rate adjustment will apply to electric customer bills during the months of: Jan. 2016 through Jun. 2016. The average residential customer using 700 kWh will see a decrease on their bill of approximately \$7.67 or 9.9%.

Attached are the applicable tariff sheets and/or all working papers supporting this filing. 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. Please feel free to contact our office if there are any questions concerning any of the documents provided. Thank you for your assistance with this 30 Day Filing.

Sincerely,

TOWN OF KINGSFORD HEIGHTS MUNICIPAL ELECTRIC UTILITY

Patty M. Arnett
Clerk-Treasurer

Attachments: Tracker Documentation

cc: OUCC
 Don Gruenemeyer

**VERIFIED STATEMENT IN SUPPORT OF CHANGE
IN SCHEDULE OF ELECTRIC RATES**

To the Indiana Utility Regulatory Commission:

1. The Kingsford Heights Municipal Electric Utility, Kingsford Heights, Indiana, under and pursuant to the Public Service Commission Act, as amended, and Commission Order in Cause No. 34614, hereby files with the Public Service Commission of Indiana for its approval a decrease in its schedule of rates for electricity sold in the amount of 0.010955 per kilowatt hour (kWh).
2. The accompanying changes in schedule of rates are based solely upon the change in the cost of purchased power, purchased by this utility, computed in accordance with the Public Service Commission of Indiana Order in Cause No. 34614 dated December 17, 1976.
3. All of the matters and facts stated herein and in the attached exhibits are true and correct. If approved, this change in rates 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 dates of change in applicant's cost of purchased firm power, whichever is later.

Kingsford Heights Municipal Electric Utility
of the Town of Kingsford Heights, IN

BY: 
Patty M. Arnett
Clerk-Treasurer

STATE OF INDIANA)
) SS:
COUNTY OF LAPORTE)

Personally appeared before me, a Notary Public in and for said county and state, this 23 day of November, 2015, who, after having been duly sworn according to law, stated that he or she is an officer of the Town of Kingsford Heights, Indiana, that he or she has read the matters and facts stated above, and in all exhibits attached hereto, and that the same are true; that he or she is duly authorized to execute this instrument for and on behalf of the applicant herein.

My Commission Expires:
May 17, 2023


Notary Public residing in LaPorte County



**LEGAL NOTICE OF FILING FOR A CHANGE IN
ELECTRIC RATES BY THE TOWN OF KINGSFORD HEIGHTS, INDIANA**

Notice is hereby given that the Kingsford Heights Municipal Electric Utility, Kingsford Heights, Indiana, under and pursuant to the Indiana Regulatory Commission Act, as amended and Commission Order in Cause No. 34684, hereby files with the Indiana Utility Regulatory Commission for its approval for a purchase power energy tracker of \$0.030438, resulting in a decrease in its schedule of rates for electricity sold in the amount of \$0.010955 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 in accordance with the Public Service Commission of Indiana Order in Cause No. 34614, dated December 17, 1976.

Applicable: Jan. 2016 through Jun. 2016

Any objection to this filing may be addressed to the following:

Indiana Office of Utility Consumer Counselor (OUCC)
115 W. Washington St., Suite 1500 South
Indianapolis, IN 46204
Toll Free: 1-888-441-2494
Voice/TDD: (317) 232-2494
Fax: (317) 232-5923
www.in.gov/oucc

Indiana Utility Regulatory Commission (IURC)
101 W. Washington St., Suite 1500 East
Indianapolis, IN 46204
Toll Free: 1-800-851-4268
Voice/TDD: (317) 232-2701
Fax: (317) 233-2410
www.in.gov/oucc

MUNICIPAL ELECTRIC UTILITY
Kingsford Heights, Indiana

Patty M. Arnett
Clerk-Treasurer

TOWN OF KINGSFORD HEIGHTS MUNICIPAL ELECTRIC UTILITY
Kingsford Heights, Indiana

Appendix "A"

Rate Adjustment: (Applicable to Rates A, B, C, and M)

The Rate Adjustment shall be on the basis of a Purchase 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:

Rate Adjustment applicable to the above listed rate schedules:

0.030438 per kWh per month

Effective:

For meter readings taken: Jan. 2016 through Jun. 2016

ORDINANCE NO. 2015-04
**AN ORDINANCE AMENDING RATES AND CHARGES
FOR THE USE OF AND SERVICES RENDERED BY THE
MUNICIPAL ELECTRIC UTILITY OF THE
TOWN OF KINGSFORD HEIGHTS, INDIANA**

WHEREAS, the Municipal Electric Utility of the Town of Kingsford Heights has entered into an agreement to purchase wholesale electricity with the Indiana Municipal Power Agency, and will be subject to a decrease in its wholesale purchased power costs; and,

WHEREAS, it appears that Section 13-28-070 of the Municipal Code of the Town of Kingsford Heights needs to be amended to pass this change through to retail customers of the Municipal Electric Utility; and,

NOW, THEREFORE, BE IT ORDAINED BY THE TOWN COUNCIL OF THE TOWN OF KINGSFORD HEIGHTS, LA PORTE COUNTY, STATE OF INDIANA:

Section 1: ' That the rates of the Kingsford Heights Municipal Electric Utility be amended by amending Section 13-28-070 (Appendix "A" to Chapter 13-28) of the Municipal Code to read hereinafter as follows:

13-28-70 Appendix "A".

A. Rate Adjustment

(Applicable to Rates A, B, C and M) - 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, in accordance with the Order of the Public Service Commission of Indiana approved December 17, 1976, in Cause No. 34614 as follows:

The Rate Adjustment to the above listed rate schedules shall be \$0.030438 per kWh used per month.

B. Fuel Cost Adjustment

(Applicable to Rates A, B, C and M) - The Fuel Cost Adjustment in dollars per kilowatt hour shall be the same as that most recently billed to the Kingsford Heights Municipal Electric Utility by its purchased power supplier less \$0.000000 per kilowatt hour.

Said amended rates shall be subject to the approval of the Utility Regulatory Commission of Indiana and shall become effective when the Town receives notification of such approval.

Section 2: That Ordinance #2015-03 which sets rates heretofore in existence per Section 13-28-070 of the Town Code be amended as of the time the new rates are approved and made effective by the Utility Regulatory Commission of Indiana.

Section 3: That an emergency exists due to the fact that these rates need to be changed immediately and submitted to the Utility Regulatory Commission.

Section 4: All ordinances or parts of ordinances or parts of the Kingsford Heights Municipal Code in conflict herewith are hereby repealed. The invalidity of any section, clause, sentence or provision of this Ordinance shall not affect the validity of any other part of this Ordinance which can be given in effect without such invalid part or parts.

Section 5: This Ordinance shall be in full force and effect from and after its passage, approval, recording, publication, and approval by the Indiana Utility Regulatory Commission as provided by law.

SUBMITTED for consideration of the Town Council of the Civil Town of
Kingsford Heights, LaPorte County, State of Indiana, this _____ day of
_____, 2015.

Patty M. Arnett
Clerk-Treasurer

PASSED by the Town Council of the Civil Town of Kingsford Heights,
LaPorte County, State of Indiana, this _____ day of _____, 2015.

Evelyn Ballinger
President of the Town Council of the
Town of Kingsford Heights, IN

ATTEST:

Patty M. Arnett
Clerk-Treasurer

I, Patty M. Arnett, Clerk-Treasurer of the Civil Town of Kingsford Heights,
LaPorte County, State of Indiana, hereby certify that the above and foregoing Ordinance
(Ord. No. 2015-04) was duly posted in each of the five (5) wards of the Town of
Kingsford Heights, State of Indiana, on the _____ day of _____, 2015.

Patty M. Arnett
Clerk-Treasurer
TOWN OF KINGSFORD HEIGHTS

**TOWN OF KINGSFORD HEIGHTS MUNICIPAL ELECTRIC UTILITY
Determination of Rate Adjustment**

Line No.	Description	For the Projected Period of:						TOTAL
		Jan. 2016 (A)	Feb. 2016 (B)	Mar. 2016 (C)	Apr. 2016 (D)	May. 2016 (E)	Jun. 2016 (F)	
ESTIMATED PURCHASED POWER FROM IMPA								
1	Purchased Power Demand (kW)	797	788	739	683	1,007	1,355	5,369
3	Purchased Power Energy (kWh)	553,126	485,652	486,378	407,746	448,854	571,242	2,952,998
4	Estimated Sales (kWh) (a)	523,941	460,028	460,715	386,232	425,171	541,102	2,797,189
ESTIMATED TOTAL RATE ADJUSTMENT								
5	Demand \$ (b)	\$18,937.52	\$18,723.67	\$17,559.38	\$16,228.76	\$23,927.33	\$32,196.16	\$127,572.81
	Energy \$ (c)	(\$133.30)	(\$117.04)	(\$117.22)	(\$98.27)	(\$108.17)	(\$137.67)	(\$711.67)
6	Total	\$18,804.21	\$18,606.63	\$17,442.16	\$16,130.50	\$23,819.15	\$32,058.49	\$126,861.14
VARIANCE								
7	Variance in Reconciliation Period (d)							(\$42,913.00)
8	Total Estimated Incremental Purchased Power Cost (e)							\$83,948.14
9	Total Estimated Incremental Purchased Power Cost per kWh (f)							\$0.030012
10	Total Estimated Incremental Purchased Power Cost per kWh Adjusted for I.G.I.T (g)							\$0.030438
11	Other Adjustments							\$0.000000
12	TOTAL TRACKING FACTOR (h)							\$0.030438

- (a) Line 3 times 1-Loss Factor from Exhibit V, Line 15, Col. C = 5.28%
- (b) Line 1 times Exhibit II, Line 5, Column A.
- (c) Line 2 times Exhibit II, Line 5, Column B.
- (d) Exhibit III, Line 7, Column G.
- (e) Line 6 plus Line 7
- (f) Line 8 divided by Line 3
- (g) Line 9 divided by the Indiana Gross Income Tax Factor of: 0.986
- (h) Line 10 plus line 11

EXHIBIT II

**TOWN OF KINGSFORD HEIGHTS MUNICIPAL ELECTRIC UTILITY
DETERMINATION OF THE RATE ADJUSTMENT**

LINE NO.	DESCRIPTION		DEMAND (A)	ENERGY (B)
	<u>INCREMENTAL CHANGE IN BASE RATES</u>			
1	Base Rate Effective: 1-Jan-16	(a)	\$23.723	\$0.030525
2	Base Rate Effective: 1-Sep-11	(b)	<u>\$0.000</u>	<u>\$0.032040</u>
3	Incremental Change in Base Rates (c)	(c)	\$23.723	(\$0.001515)
	<u>ENERGY COST ADJUSTMENT</u>			
4	Projected Energy Cost Adjustment Factors	(a)	<u>\$0.038</u>	<u>\$0.001274</u>
5	ESTIMATED TOTAL IMPA RATE ADJUSTMENT	(d)	\$23.761	(\$0.000241)

-
- (a) IMPA rate, including voltage adjustment, effective for the period covered by this filing.
 - (b) Base purchased power rate effective either at the time of the member's last rate case was filed or when the member initiated service from IMPA, whichever is more recent.
 - (c) Line 1 minus Line 2
 - (d) Line 3 plus Line 4

EXHIBIT III

TOWN OF KINGSFORD HEIGHTS MUNICIPAL ELECTRIC UTILITY
 Determination of Variance

LINE NO.	DESCRIPTION	For the Historical Period of:						TOTAL
		Dec. 2014 (A)	Jan. 2015 (B)	Feb. 2015 (C)	Mar. 2015 (D)	Apr. 2015 (E)	May. 2015 (F)	
1	Incremental Cost Billed by IMPA (a)	\$16,391.58	\$ 18,858.79	\$ 19,210.74	\$ 16,911.47	\$ 13,395.13	\$ 18,692.44	\$ 103,460.15
2	Total Sales Billed by Member	464,907	524,551	506,145	437,492	524,551	464,907	2,922,553
3	Adjustment Factor Billed in Period	\$0.050084	\$0.050084	\$0.050084	\$0.050084	\$0.050084	\$0.050084	
4	Incremental Cost Billed by Member (b)	\$23,284.40	\$ 26,271.61	\$ 25,349.77	\$ 21,911.35	\$ 26,271.61	\$ 23,284.40	\$ 146,373.14
5	Previous Variance (c)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	Net Cost Billed by Member (d)	\$23,284.40	\$26,271.61	\$25,349.77	\$21,911.35	\$26,271.61	\$23,284.40	\$146,373.14
7	PURCHASED POWER VARIANCE (e)	(\$6,892.82)	(\$7,412.82)	(\$6,139.03)	(\$4,999.88)	(\$12,876.49)	(\$4,591.96)	(\$42,913.00)

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- (a) Exhibit IV, Line 9
 - (b) Line 2 times Line 3
 - (c) Prior Rate Adjustment Exhibit III, Line 7
 - (d) Line 4 minus Line 5
 - (e) Line 1 minue Line 6

**TOWN OF KINGSFORD HEIGHTS MUNICIPAL ELECTRIC UTILITY
Unaudited Calculation of Increased Purchased Power Costs**

LINE NO.	DESCRIPTION	For the Historical Period of:						TOTAL
		Dec. 2014 (A)	Jan. 2015 (B)	Feb. 2015 (C)	Mar. 2015 (D)	Apr. 2015 (E)	May. 2015 (F)	
1	Demand (kW) (a)	743	811	829	728	576	809	4,496
2	Demand Charges (\$/kW) (b)	\$21.838	\$22.465	\$22.465	\$22.465	\$22.465	\$22.465	
3	Energy (kWh) (a)	513,772	532,618	488,972	463,739	379,089	431,518	2,809,708
4	Energy Charges (\$/kW) (b)	\$0.032363	\$0.033241	\$0.033241	\$0.033241	\$0.033241	\$0.033241	
5	Purchased Power Cost (c)	\$32,852.84	\$35,923.87	\$34,877.40	\$31,769.67	\$25,541.14	\$32,518.27	\$193,483.19
6	Average Cost of Power (d)	\$0.063944	\$0.067448	\$0.071328	\$0.068508	\$0.067375	\$0.075358	\$0.068862
7	Base Purchased Power Cost (e)	\$0.032040	\$0.032040	\$0.032040	\$0.032040	\$0.032040	\$0.032040	\$0.032040
8	Purchase Power Cost Adjustment (f)	\$0.031904	\$0.035408	\$0.039288	\$0.036468	\$0.035335	\$0.043318	\$0.036822
9	Incremental Cost Billed by IMPA (g)	\$16,391.58	\$18,858.79	\$19,210.74	\$16,911.47	\$13,395.13	\$18,692.44	\$103,460.15

-
- (a) Billing Units from IMPA Purchased Power Bills
 - (b) Rates from IMPA Purchased Power Bills
 - (c) Line 1 times Line 2 plus Line 3 times Line 4
 - (d) Line 5 divided by line 3
 - (e) From Section 13-28-070 Appendix "A" of Kingsford Heights Electric Utility rate schedule.
 - (f) Line 6 minus Line 7
 - (g) Line 8 times Line 3

TOWN OF KINGSFORD HEIGHTS MUNICIPAL ELECTRIC UTILITY
Kingsford Heights, Indiana

CALCULATION OF LINE LOSS FACTOR
FOR YEAR 2014

<u>Line No.</u>	<u>Month</u> (A)	Metered kWh Sold <hr/> (B)	IMPA Metered kWh Purchased <hr/> (C)
1	January	469,209	563,241
2	February	536,303	492,558
3	March	535,817	497,432
4	April	451,539	398,359
5	May	389,827	452,730
6	June	363,481	571,705
7	July	501,592	549,710
8	August	562,570	600,323
9	September	516,599	453,656
10	October	539,688	406,866
11	November	374,217	465,746
12	December	410,467	513,772
13	Total	<hr/> 5,651,309	<hr/> 5,966,098
14	Estimated Losses kWh		314,789
15	Line Loss as percent of total purchases		<hr/> 5.28%



IMPA

INDIANA MUNICIPAL POWER AGENCY

Town of Kingsford Heights
P.O. Box 330
Kingsford Heights, IN 46346

Due Date:
03/19/15

Amount Due:
\$35,970.45

Invoice No: INV0004797
Invoice Date: 02/17/15

Billing Period: January 1 to January 31, 2015

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	986	-	100.00%	01/08/15	1900	72.60%
CP Billing Demand:	811	-	100.00%	01/14/15	1000	88.27%
kvar at 97% PF:		203				
Reactive Demand:		-				

Energy	kWh
NIPSCO Interconnections:	532,618
Total Energy:	532,618

History	Jan 2015	Jan 2014	2015 YTD
Max Demand (kW):	986	1,096	986
CP Demand (kW):	811	864	811
Energy (kWh):	532,618	563,241	532,618
CP Load Factor:	88.27%	87.62%	
HDD / CDD (Indiana Dunes):	0 / 0	1560 / 0	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 20.897 / kW x	811	\$ 16,947.47
ECA Demand Charge:	\$ 0.087 / kW x	811	\$ 70.56
Delivery Voltage Charge - Less than 34.5 kV:	\$ 1.481 / kW x	811	\$ 1,201.09
Total Demand Charges:			\$ 18,219.12
Base Energy Charge:	\$ 0.030781 / kWh x	532,618	\$ 16,394.51
ECA Energy Charge:	\$ 0.002460 / kWh x	532,618	\$ 1,310.24
Total Energy Charges:			\$ 17,704.75
Average Purchased Power Cost: 6.75 cents per kWh			Total Purchased Power Charges: \$ 35,923.87

Other Charges and Credits	
Energy Efficiency Fund - 3,026 kWh Saved:	\$ 46.58

NET AMOUNT DUE: \$ 35,970.45

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 03/19/15
Questions, please call: 317-573-9955

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



IMPA

INDIANA MUNICIPAL POWER AGENCY

Town of Kingsford Heights
 P.O. Box 330
 Kingsford Heights, IN 46346

Due Date:
04/15/15

Amount Due:
\$34,923.98

Invoice No: INV0004887
 Invoice Date: 03/16/15

Billing Period: February 1 to February 28, 2015

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	940	-	100.00%	02/18/15	2000	77.41%
CP Billing Demand:	829	-	100.00%	02/19/15	1000	87.77%
kvar at 97% PF:		208				
Reactive Demand:		-				

Energy	kWh
NIPSCO Interconnections:	488,972
Total Energy:	488,972

History	Feb 2015	Feb 2014	2015 YTD
Max Demand (kW):	940	956	986
CP Demand (kW):	829	819	829
Energy (kWh):	488,972	492,558	1,021,590
CP Load Factor:	87.77%	89.50%	
HDD/CDD (South Bend):	1369/0	1293/0	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 20.897 / kW x	829	\$ 17,323.61
ECA Demand Charge:	\$ 0.087 / kW x	829	\$ 72.12
Delivery Voltage Charge - Less than 34.5 kV:	\$ 1.481 / kW x	829	\$ 1,227.75
Total Demand Charges:			\$ 18,623.48
Base Energy Charge:	\$ 0.030781 / kWh x	488,972	\$ 15,051.05
ECA Energy Charge:	\$ 0.002460 / kWh x	488,972	\$ 1,202.87
Total Energy Charges:			\$ 16,253.92
Average Purchased Power Cost: 7.13 cents per kWh			Total Purchased Power Charges: \$ 34,877.40

Other Charges and Credits	
Energy Efficiency Fund - 3,026 kWh Saved:	\$ 46.58

NET AMOUNT DUE: \$ 34,923.98

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 04/15/15
 Questions, please call: 317-573-9955

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



IMPA

INDIANA MUNICIPAL POWER AGENCY

Town of Kingsford Heights
 P.O. Box 330
 Kingsford Heights, IN 46346

Due Date:
05/14/15

Amount Due:
\$31,816.26

Billing Period: March 1 to March 31, 2015

Invoice No: INV0004975
 Invoice Date: 04/14/15

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	898	-	100.00%	03/05/15	2000	69.41%
CP Billing Demand:	728	-	100.00%	03/04/15	1300	85.62%
kvar at 97% PF:		182				
Reactive Demand:		-				

Energy	kWh
NIPSCO Interconnections:	463,739
Total Energy:	463,739

History	Mar 2015	Mar 2014	2015 YTD
Max Demand (kW):	898	886	986
CP Demand (kW):	728	791	829
Energy (kWh):	463,739	497,432	1,485,329
CP Load Factor:	85.62%	84.52%	
HDD/CDD (South Bend):	942/0	1076/0	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 20.897 / kW x	728	\$ 15,213.02
ECA Demand Charge:	\$ 0.087 / kW x	728	\$ 63.34
Delivery Voltage Charge - Less than 34.5 kV:	\$ 1.481 / kW x	728	\$ 1,078.17
Total Demand Charges:			\$ 16,354.53
Base Energy Charge:	\$ 0.030781 / kWh x	463,739	\$ 14,274.35
ECA Energy Charge:	\$ 0.002460 / kWh x	463,739	\$ 1,140.80
Total Energy Charges:			\$ 15,415.15
Average Purchased Power Cost: 6.85 cents per kWh			Total Purchased Power Charges: \$ 31,769.68

Other Charges and Credits	
Energy Efficiency Fund - 3,026 kWh Saved:	\$ 46.58

NET AMOUNT DUE: \$ 31,816.26

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 05/14/15
 Questions, please call: 317-573-9955

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



IMPA

INDIANA MUNICIPAL POWER AGENCY

Town of Kingsford Heights
P.O. Box 330
Kingsford Heights, IN 46346

Due Date:
06/15/15

Amount Due:
\$25,587.72

Invoice No: INV0005065
Invoice Date: 05/14/15

Billing Period: April 1 to April 30, 2015

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	681	-	100.00%	04/22/15	1300	77.31%
CP Billing Demand:	576	-	100.00%	04/01/15	1000	91.41%
kvar at 97% PF:		144				
Reactive Demand:		-				

Energy	kWh
NIPSCO Interconnections:	379,089
Total Energy:	379,089

History	Apr 2015	Apr 2014	2015 YTD
Max Demand (kW):	681	788	986
CP Demand (kW):	576	640	829
Energy (kWh):	379,089	398,359	1,864,418
CP Load Factor:	91.41%	86.45%	
HDD/CDD (South Bend):	433/2	469/2	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 20.897 / kW x	576	\$ 12,036.67
ECA Demand Charge:	\$ 0.087 / kW x	576	\$ 50.11
Delivery Voltage Charge - Less than 34.5 kV:	\$ 1.481 / kW x	576	\$ 853.06
		Total Demand Charges:	\$ 12,939.84
Base Energy Charge:	\$ 0.030781 / kWh x	379,089	\$ 11,668.74
ECA Energy Charge:	\$ 0.002460 / kWh x	379,089	\$ 932.56
		Total Energy Charges:	\$ 12,601.30
Average Purchased Power Cost: 6.74 cents per kWh		Total Purchased Power Charges:	\$ 25,541.14

Other Charges and Credits	
Energy Efficiency Fund - 3,026 kWh Saved:	\$ 46.58

NET AMOUNT DUE: \$ 25,587.72

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 06/15/15

Questions, please call: 317-573-9955

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



IMPA

INDIANA MUNICIPAL POWER AGENCY

Town of Kingsford Heights
P.O. Box 330
Kingsford Heights, IN 46346

Due Date:
07/15/15

Amount Due:
\$32,564.85

Billing Period: May 1 to May 31, 2015

Invoice No: INV0005160
Invoice Date: 06/15/15

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	1,080	138	99.19%	05/29/15	1700	53.70%
CP Billing Demand:	809	9	99.99%	05/07/15	1300	71.69%
kvar at 97% PF:		203				
Reactive Demand:		-				

Energy	kWh
NIPSCO Interconnections:	431,518
Total Energy:	431,518

History	May 2015	May 2014	2015 YTD
Max Demand (kW):	1,080	1,190	1,080
CP Demand (kW):	809	989	829
Energy (kWh):	431,518	452,730	2,295,936
CP Load Factor:	71.69%	61.53%	
HDD/CDD (South Bend):	134/83	208/83	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 20.897 / kW x	809	\$ 16,905.67
ECA Demand Charge:	\$ 0.087 / kW x	809	\$ 70.38
Delivery Voltage Charge - Less than 34.5 kV:	\$ 1.481 / kW x	809	\$ 1,198.13
Total Demand Charges:			\$ 18,174.18
Base Energy Charge:	\$ 0.030781 / kWh x	431,518	\$ 13,282.56
ECA Energy Charge:	\$ 0.002460 / kWh x	431,518	\$ 1,061.53
Total Energy Charges:			\$ 14,344.09
Average Purchased Power Cost: 7.54 cents per kWh			Total Purchased Power Charges: \$ 32,518.27

Other Charges and Credits	
Energy Efficiency Fund - 3,026 kWh Saved:	\$ 46.58

NET AMOUNT DUE: \$ 32,564.85

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 07/15/15
Questions, please call: 317-573-9955

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



IMPA

INDIANA MUNICIPAL POWER AGENCY

Town of Kingsford Heights
P.O. Box 330
Kingsford Heights, IN 46346

Due Date:
08/13/15

Amount Due:
\$44,005.21

Invoice No: INV0005301
Invoice Date: 07/14/15

Billing Period: June 1 to 30, 2015

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	1,343	242	98.42%	06/10/15	1800	52.54%
CP Billing Demand:	1,205	205	98.58%	06/11/15	1400	58.56%
kvar at 97% PF:		302				
Reactive Demand:		-				

Energy	kWh
NIPSCO Interconnections:	508,056
Total Energy:	508,056

History	Jun 2015	Jun 2014	2015 YTD
Max Demand (kW):	1,343	1,446	1,343
CP Demand (kW):	1,205	1,375	1,205
Energy (kWh):	508,056	571,705	2,803,992
CP Load Factor:	58.56%	57.75%	
HDD/CDD (South Bend):	19/155	17/216	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 20.897 / kW x	1,205	\$ 25,180.89
ECA Demand Charge:	\$ 0.087 / kW x	1,205	\$ 104.84
Delivery Voltage Charge - Less than 34.5 kV:	\$ 1.481 / kW x	1,205	\$ 1,784.61
Total Demand Charges:			\$ 27,070.34
Base Energy Charge:	\$ 0.030781 / kWh x	508,056	\$ 15,638.47
ECA Energy Charge:	\$ 0.002460 / kWh x	508,056	\$ 1,249.82
Total Energy Charges:			\$ 16,888.29
Average Purchased Power Cost: 8.65 cents per kWh			Total Purchased Power Charges: \$ 43,958.63

Other Charges and Credits	
Energy Efficiency Fund - 3,026 kWh Saved:	\$ 46.58

NET AMOUNT DUE: \$ 44,005.21

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 08/13/15
Questions, please call: 317-573-9955

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

**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: \$22.230 per kilowatt-Month ("kW-Month") of Billing Demand

Base Energy Charge: 30.525 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	\$ 0.787
Primary (Below 34.5 kV)	\$ 1.493

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 (DCF) and the Member's Billing Demand, plus the product of the applicable Energy Cost Factor (ECF) and the Member's Billing Energy. Additionally, the Member's bill may include a Tax Adjustment Charge as provided in Paragraph 9 and a Late Payment Charge as provided in Paragraph 10, if applicable.

5. **Energy Cost Adjustment.** During each consecutive six-month period, the Agency shall apply estimated Energy Cost Adjustment factors (ECAs) as charges or credits on Member bills. Such ECAs 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.

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:

$$DCF = \frac{SRDC}{SDS} - 13.226$$

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 all Agency-owned generating units including Whitewater Valley Station along with payments in lieu of taxes, insurance and gross receipts tax.
2. Generation and transmission capacity payments to Members.
3. 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.
4. The demand-related costs of all power purchased by the Agency.
5. Credits for demand-related revenue derived from the sale of power to non-member electric systems.

6. The Agency's system control expenses.
7. The credits paid under the Interruptible Rate Schedule.
8. Credits given to member-owned transmission facilities (Paragraph 6).
9. The costs associated with operating lines and letters of credit.
10. 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.

- 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:

$$ECF = \frac{SREC}{SES} - 29.603$$

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 all Agency-owned generating units.
- 2) Fuel payments to generating Members.
- 3) The energy-related costs of service charges for transmission and local facilities.
- 4) The energy-related costs of all energy purchased by the Agency.
- 5) Credits for energy-related revenue derived from the sale of power to non-member electric systems.
- 6) The Agency's expenses incurred in implementing Demand-Side Management/Energy Efficiency programs.
- 7) Revenue credits from Green Power sales as provided in Paragraph 7.

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 DCF and ECF factors in the period following the time when such actual cost data is available.

6. **Member-Owned Transmission Credit.** The Member-owned transmission credit factor (MTCF) is 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.
7. **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 7 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 kWh 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.
8. **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.
9. **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.
10. **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.

11. **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.

12. **Billing Demand.** The Billing Demand in any period shall be the metered demand as determined under Paragraph 11, giving effect to all adjustments including adjustments provided for in the Agency's Interruptible Rate Schedules (see Paragraph 8).
13. **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. The exception is a customer with electric generation who is required by the grid/control area operator such as MISO or PJM to absorb reactive power when generating to control voltage on the grid. Such reactive load is exempt from the Billing Reactive Demand.
14. **Billing Period.** The billing period shall be in accordance with the schedule established by the Agency.
15. **Billing Energy.** Billing Energy in any period shall be the metered energy for the period as determined under Paragraph 11, giving effect to all adjustments including adjustments provided for in the Agency's Interruptible Rate Schedules (see Paragraph 8).

ESTIMATED 2016 PURCHASED POWER SALES AND CHARGES BY MONTH

(based on IMPA's Projection of Load for each Member)

KINGSFORD HEIGHTS

Month	Billing Units		Load Factor	IMPA 2016 Wholesale Rate Components and ECA Factors					Projected Bill Totals	Average Cost Cents/kWh
	kW	kWh		Demand	Energy	Delivery	ECA Charges*			
				Charges	Charge	Voltage Charge	Demand	Energy		
				\$ 22.230	\$ 0.030525	\$ 1.493	\$ 0.038	\$ 0.001274		
Jan	797	553,126	93.3%	\$ 17,717.31	\$ 16,884.17	\$ 1,189.92	\$ 30.29	\$ 704.68	\$ 36,526.37	6.604
Feb	788	485,652	88.6%	\$ 17,517.24	\$ 14,824.53	\$ 1,176.48	\$ 29.94	\$ 618.72	\$ 34,166.92	7.035
Mar	739	486,378	88.5%	\$ 16,427.97	\$ 14,846.69	\$ 1,103.33	\$ 28.08	\$ 619.65	\$ 33,025.71	6.790
Apr	683	407,746	82.9%	\$ 15,183.09	\$ 12,446.45	\$ 1,019.72	\$ 25.95	\$ 519.47	\$ 29,194.68	7.160
May	1,007	448,854	59.9%	\$ 22,385.61	\$ 13,701.27	\$ 1,503.45	\$ 38.27	\$ 571.84	\$ 38,200.44	8.511
Jun	1,355	571,242	58.6%	\$ 30,121.65	\$ 17,437.16	\$ 2,023.02	\$ 51.49	\$ 727.76	\$ 50,361.08	8.816
Jul	1,549	685,603	59.5%	\$ 34,434.27	\$ 20,928.03	\$ 2,312.66	\$ 58.86	\$ 873.46	\$ 58,607.28	8.548
Aug	1,437	612,734	57.3%	\$ 31,944.51	\$ 18,703.71	\$ 2,145.44	\$ 54.61	\$ 780.62	\$ 53,628.89	8.752
Sep	1,470	482,379	45.6%	\$ 32,678.10	\$ 14,724.62	\$ 2,194.71	\$ 55.86	\$ 614.55	\$ 50,267.84	10.421
Oct	687	433,989	84.9%	\$ 15,272.01	\$ 13,247.51	\$ 1,025.69	\$ 26.11	\$ 552.90	\$ 30,124.22	6.941
Nov	717	466,383	90.3%	\$ 15,938.91	\$ 14,236.34	\$ 1,070.48	\$ 27.25	\$ 594.17	\$ 31,867.15	6.833
Dec	808	549,526	91.4%	\$ 17,961.84	\$ 16,774.28	\$ 1,206.34	\$ 30.70	\$ 700.10	\$ 36,673.27	6.674
Total	12,037	6,183,612	70.4%	\$ 267,582.51	\$ 188,754.76	\$ 17,971.24	\$ 457.41	\$ 7,877.92	\$ 482,643.83	7.805

* IMPA's ECA Demand and Energy charges are subject to change in July dependent upon the ECA balance as of March 31, 2016.