

**KNIGHTSTOWN MUNICIPAL ELECTRIC UTILITY  
26 SOUTH WASHINGTON STREET  
KNIGHTSTOWN, INDIANA 46148**

**Telephone 765-345-5977  
Fax 765-345-2212**

**Date: May 21, 2015**

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

**RE: Knightstown 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 Knightstown Municipal Electric Utility for the 3rd quarter tracker filing for 2015. The tariff sheets and work papers are attached. The purpose of this filing is to secure authorization for an approval of the change in the fuel cost adjustment charges. This filing is necessary because of an (increase) or decrease for electricity purchased from our power supplier. The filing is allowed under 170 IAC 1-6-3 for the following reasons: authorizing such (increase) or decrease to be effective on all customer bills rendered by Applicant for electricity subsequent to the date of the Commission's approval.**

**The person at Knightstown Municipal Electric Utility to be contacted regarding this filing is: Betsy Wilkerson, Office Manager; telephone 765-345-5977; 26 South Washington Street, Knightstown, Indiana 46148. E-mail address is [bwilkerson@myinestar.net](mailto:bwilkerson@myinestar.net).**

**Affected customers have been notified as required under 170 IAC 1-6-6. Notice was published in The Knightstown Banner which has a general circulation encompassing the highest number of affected customers on May 6, 2015. Notice has been posted in a public place in the Knightstown Municipal Electric Utility Customer Service Office. We do not have a website to post the legal notice on. A copy of the publication and public notice is attached.**

**I verify that the 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,**

**Betsy Wilkerson, Office Manager  
Town of Knightstown, Knightstown Utilities**

**KNIGHTSTOWN MUNICIPAL ELECTRIC UTILITY  
26 SOUTH WASHINGTON STREET  
KNIGHTSTOWN, INDIANA 46148**

**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:**

**Rate Adjustments applicable to the below listed Rate Schedules are as follows:**

<b><u>Rate Code</u></b>	<b><u>ECA Tracking Factor</u></b>
<b>ALL</b>	<b>\$0.010246</b>

**MONTH'S EFFECTIVE:**

**July - 2015      August - 2015      September -2015**

Received: May 21, 2015

IURC 30-Day Filing No.: 3357

Indiana Utility Regulatory Commission

## **KNIGHTSTOWN MUNICIPAL ELECTRIC UTILITY**

### **APPENDIX "A"**

#### **RATE ADJUSTMENT**

The Knightstown Electric Utility has calculated an energy tracking factor to implement a change in the rates for electric service charged by its supplier the Indiana Municipal Power Agency.

This tracker will be effective for all energy consumed during the billing period.

Tracker:

**\$ 0.010246** per kWh per month

Effective: 3rd Quarter 2015

For Billing Periods: Jul-15, Aug-15, and Sep-15

**KNIGHTSTOWN MUNICIPAL ELECTRIC UTILITY  
DETERMINATION OF THE RATE ADJUSTMENT**

LINE NO.	DESCRIPTION	FOR THE PERIOD OF			TOTAL	ESTIMATED 3 MONTH AVERAGE
		Jul-15 (A)	Aug-15 (B)	Sep-15 (C)		
<b>ESTIMATED PURCHASED POWER FROM IMPA</b>						
1	DEMAND (kW)	5,192	5,605	5,398	16,195	5,398
2	ENERGY (kWh)	2,509,181	2,360,363	1,935,275	6,804,819	2,268,273
3	ESTIMATED SALES (kWh) (a)	2,275,749	2,140,776	1,755,234	6,171,759	2,057,253
<b>ESTIMATED TOTAL RATE ADJUSTMENT</b>						
4	DEMAND (b)	\$16,546.90	\$17,863.14	\$17,203.43	\$51,613.47	\$17,204.49
5	ENERGY (c)	\$3,615.73	\$3,401.28	\$2,788.73	\$9,805.74	\$3,268.58
6	TOTAL	\$20,162.63	\$21,264.42	\$19,992.16	\$61,419.21	\$20,473.07
<b>VARIANCE</b>						
7	VARIANCE IN RECONCILIATION PERIOD (d)					\$309.78
8	TOTAL ESTIMATED INCREMENTAL PURCHASED POWER COST (e)					\$20,782.85
9	TOTAL ESTIMATED INCREMENTAL PURCHASED POWER COST PER kWh (f)					\$0.010102
10	TOTAL ESTIMATED INCREMENTAL PURCHASED POWER COST PER KWH ADJUSTED FOR I.G.I.T. (g)					\$0.010246
11	<b>TOTAL TRACKING FACTOR (h)</b>					<b>\$0.010246</b>

- 
- (a) Line 2 times (1 - current line loss factor) (See Exhibit V)
  - (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 E.
  - (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 0.9860
  - (h) Line 10

**KNIGHTSTOWN MUNICIPAL ELECTRIC UTILITY**  
**DETERMINATION OF THE RATE ADJUSTMENT**  
 For the 3rd Quarter 2015

LINE NO.	DESCRIPTION		DEMAND (A)	ENERGY (B)
<b><u>INCREMENTAL CHANGE IN BASE RATES</u></b>				
1	CURRENT RATE EFFECTIVE 1-Jan-15	(a)	\$22.378	\$0.030781
2	BASE RATE EFFECTIVE 6-Aug-14	(b)	<u>\$19.278</u>	<u>\$0.031800</u>
3	INCREMENTAL CHANGE IN BASE RATES	(c)	\$3.100	(\$0.001019)
<b><u>ENERGY COST ADJUSTMENT</u></b>				
4	ECA Effective with Current Rates		\$ 0.087	\$ 0.002460
5	ECA Effective in Base Rates		<u>\$ -</u>	<u>\$ -</u>
6	ESTIMATED ENERGY COST ADJUSTMENT		\$0.087	\$0.002460
7	ESTIMATED TOTAL RATE ADJUSTMENT	(d)	\$3.187	\$0.001441

- 
- (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

**KNIGHTSTOWN MUNICIPAL ELECTRIC UTILITY  
 DETERMINATION OF VARIANCE**

LINE NO.	DESCRIPTION	FOR THE HISTORICAL PERIOD OF			TOTAL	3 MONTH AVERAGE
		Jan-15 (A)	Feb-15 (B)	Mar-15 (C)		
1	TOTAL SALES SUBJECT TO RATE ADJ. (a)	2,431,937	2,034,152	2,230,978	6,697,067	2,232,356
2	INCREMENTAL COST BILLED BY IMPA (b)	\$18,850.23	\$18,216.41	\$17,105.65	\$54,172.29	\$18,057.43
3	INCREMENTAL COST BILLED BY MEMBER (c)	\$20,652.87	\$17,274.74	\$18,946.25	\$56,873.85	\$18,957.95
4	INC COST BILLED EXCLUDING I.G.I.T. (d)	\$20,363.73	\$17,032.89	\$18,681.00	\$56,077.62	\$18,692.54
5	PREVIOUS VARIANCE (e)	\$55,099.59	(\$28,098.63)	(\$24,166.30)	\$2,834.67	\$944.89
6	NET COST BILLED BY MEMBER (f)	(\$34,735.86)	\$45,131.51	\$42,847.30	\$53,242.95	\$17,747.65
7	PURCHASED POWER VARIANCE (g)	\$53,586.09	(\$26,915.10)	(\$25,741.65)	\$929.34	\$309.78

-----  
 (a) Exhibit IV, Line 3

(b) Exhibit IV, Line 14

(c) Line 1 times factor used in historical month \$0.008492 \$0.008492 \$0.008492

(d) Line 3 times the Indiana Gross Income Tax Factor of: 0.9860

(e) Purchased Power Variance (Exhibit III, Line 7) from the analysis for the tracker during the historical period.

(f) Line 4 minus Line 5

(g) Line 2 minus Line 6

**KNIGHTSTOWN MUNICIPAL ELECTRIC UTILITY  
DETERMINATION OF VARIANCE**

LINE NO.	DESCRIPTION	Based on the Historical Period of			TOTAL (D)	3 MONTH AVERAGE (E)
		Jan-15 (A)	Feb-15 (B)	Mar-15 (C)		
<b><u>UNITS PURCHASED FROM IMPA</u></b>						
1	DEMAND (kW)	4,737	4,605	4,406	13,748	4,583
2	ENERGY (kWh)	2,604,726	2,456,820	2,126,112	7,187,658	2,395,886
<b><u>TOTAL SALES BILLED BY MEMBER</u></b>						
3	TOTAL SALES SUBJECT TO RATE ADJ	2,431,937	2,034,152	2,230,978	6,697,067	2,232,356
4	TOTAL SALES NOT SUBJECT TO RATE ADJ	0	0	0	0	0
5	TOTAL SALES BILLED BY MEMBER	2,431,937	2,034,152	2,230,978	6,697,067	2,232,356
<b><u>INCREMENTAL CHANGE IN BASE RATES</u></b>						
6	DEMAND CHARGE PER kW (a)	\$3.100	\$3.100	\$3.100	(a)	Exhibit II, Line 3, Column A, for Historical Period
7	ENERGY CHARGE PER kWh (b)	(\$0.001019)	(\$0.001019)	(\$0.001019)	(b)	Exhibit II, Line 3, Column B for Historical Period
<b><u>ACTUAL ENERGY COST ADJUSTMENT BILLED BY IMPA</u></b>						
8	DEMAND CHARGE PER kW (c)	\$0.087	\$0.087	\$0.087	(c)	IMPA bills for the Historical Period
9	ENERGY CHARGE PER kWh (c)	\$0.002460	\$0.002460	\$0.002460		
<b><u>TRACKING FACTOR IN EFFECT PRIOR TO IMPA</u></b>						
10	TRACKING FACTOR PER kWh IN EFFECT PRIOR TO SERVICE FROM IMPA (d)	\$0.000000	\$0.000000	\$0.000000	(d)	Tracking Factor effective prior to IMPA multiplied by the line loss and tax factors from footnotes (a) and (g) from Exhibit 1 of the previous tracking filing.
<b><u>TOTAL RATE ADJUSTMENT</u></b>						
11	DEMAND - PER kW (e)	\$3.187	\$3.187	\$3.187	(e)	Line 6 plus Line 8
12	ENERGY - PER kWh (f)	\$0.001441	\$0.001441	\$0.001441	(f)	Line 7 plus Line 9 plus Line 10
					(g)	Line 11 times Line 1 plus Line 12 times Line 2
					(h)	(Line 3 divided by Line 5) times Line 13
13	TOTAL INCREMENTAL PURCHASED POWER COST BILLED BY IMPA (g)	\$18,850.23	\$18,216.41	\$17,105.65	\$54,172.29	\$18,057.43
14	TOTAL INCREMENTAL PURCHASED POWER COST SUBJECT TO RATE ADJUSTMENT (h)	\$18,850.23	\$18,216.41	\$17,105.65	\$54,172.29	\$18,057.43

**KNIGHTSTOWN MUNICIPAL ELECTRIC UTILITY  
 CALCULATION OF LINE LOSS FACTOR**

Month of Consumption Month Billed	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	2014
	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Total
kWh Purchased	2,844,041	2,417,946	2,253,070	1,657,622	1,790,176	2,090,606	2,022,256	2,282,240	1,790,960	1,743,022	2,243,945	2,393,308	25,529,192
kWh Metered	2,549,659	2,542,659	1,933,410	1,855,409	1,459,983	1,876,020	1,698,310	1,852,344	2,101,817	1,487,459	1,845,750	1,983,085	23,185,905
kWh unmetered													0
kWh Accounted for	2,549,659	2,542,659	1,933,410	1,855,409	1,459,983	1,876,020	1,698,310	1,852,344	2,101,817	1,487,459	1,845,750	1,983,085	23,185,905
Unaccounted for kWh	294,382	-124,713	319,660	-197,787	330,193	214,586	323,946	429,896	-310,857	255,563	398,195	410,223	2,343,287
Line Loss Factor	10.35%	-5.16%	14.19%	-11.93%	18.44%	10.26%	16.02%	18.84%	-17.36%	14.66%	17.75%	17.14%	9.18%
Running 12 MO Loss	9.73%	8.67%	9.44%	8.92%	9.46%	8.93%	9.15%	9.81%	8.94%	9.11%	8.97%	9.18%	

Month of Consumption Month Billed	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	2015
	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Total
kWh Purchased	2,604,726	2,456,820	2,126,112										7,187,658
kWh Metered	2,431,937	2,034,152	2,230,978										6,697,067
kWh unmetered													0
kWh Accounted for	2,431,937	2,034,152	2,230,978										6,697,067
Unaccounted for kWh	172,789	422,668	-104,866	0	0	0	0	0	0	0	0	0	490,591
Line Loss Factor	6.63%	17.20%	-4.93%	#DIV/0!	0.00%	6.83%							
Running 12 MO Loss	8.78%	10.93%	9.30%	10.80%	10.17%	10.16%	9.49%	8.10%	11.46%	10.99%	9.40%	6.83%	

Received: May 21, 2015

IURC 30-Day Filing No.: 3357

Indiana Utility Regulatory Commission

**Member** **KNIGHTSTOWN MUNICIPAL ELECTRIC UTILITY** **Year** **2015** **Qt** **3rd Quarter 2015**  
**Knightstown**

Initial month for the projected period	Jul 2015	Aug 2015	Sep 2015
Historical period for this analysis	Jan 2015	Feb 2015	Mar 2015

**Estimated Power Purchased from IMPA** Entered: 04/28/15

kW			kWh		
Jul-15	Aug-15	Sep-15	Jul-15	Aug-15	Sep-15
5,192	5,605	5,398	2,509,181	2,360,363	1,935,275
IMPA Demand ECA - \$/kW			IMPA Energy ECA - \$/kWh		
\$0.087	\$0.087	\$0.087	\$0.002460	\$0.002460	\$0.002460

**IMPA Rate Effective for the CURRENT Period** Entered: 10/22/14

Effective for 01/01/15

	Demand \$/kW	Energy \$/kWh
Base Production	20.897	0.030781
Base Transmission	0.000	0.000000
Delivery Voltage	1.481	
<b>Total</b>	<b>22.378</b>	<b>0.030781</b>

**IMPA's rate effective for the BASE period** Entered: 09/03/14

Effective for 8/6/2014

	Demand \$/kW	Energy \$/kWh
Base Production	19.278	0.031800
Base Transmission	0.000	
Delivery Voltage	0.000	
ECA	0.000	0.000000
<b>Total</b>	<b>19.278</b>	<b>0.031800</b>

Note: These are the IMPA rates included in Knightstown's last rate case. Cause No. 44460-U Order August 6, 2014.

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Indiana Utility Regulatory Commission

Member **KNIGHTSTOWN MUNICIPAL ELECTRIC UTILITY** Year **2015** Qt **3rd Quarter 2015**  
**Knights town**

<u>Data from IMPA's Bills</u>				Entered: 04/28/15
Month of Service	Jan-15	Feb-15	Mar-15	
Demand (kW)	4,737	4,605	4,406	
Energy (kWh)	2,604,726	2,456,820	2,126,112	
Incremental Change in Rates from 1st Quarter 2015 (Exhibit II, Line 3)				
Demand	\$ 3.100	\$ 3.100	\$ 3.100	
Energy	\$ (0.001019)	\$ (0.001019)	\$ (0.001019)	
Energy Cost Adjustment (ECA) from 1st Quarter 2015 (Exhibit II, Line 4)				
Demand (\$/kW)	\$0.087	\$0.087	\$0.087	
Energy (\$/kWh)	\$0.002460	\$0.002460	\$0.002460	

<u>Separation of kWh Subject to Tracker</u>				Entered: 04/28/15
from Billing Summary Sheet entered into Exhibit V				
Month of Service	Jan-15	Feb-15	Mar-15	
Energy subject to tracker	2,431,937	2,034,152	2,230,978	
Energy not subject to tracker	-	-	-	
Total	2,431,937	2,034,152	2,230,978	
Monthly Line Losses	6.63%	17.20%	-4.93%	

<u>Estimate of Unmetered Energy</u>
9.30%

<u>Tracker Applied to Retail Bills in This Historical Period</u>				Entered: 04/28/15
1st Quarter 2015	Jan-15	Feb-15	Mar-15	
\$/kWh	0.008492	0.008492	0.008492	
2nd Quarter 2015	Apr-15	May-15	Jun-15	
\$/kWh	0.010038	0.010038	0.010038	

<u>Fuel Cost Adjustment</u>
\$0.000000 /kWh

<u>Purchased Power Variance</u>				Entered: 4/28/2015
from Exhibit III, Line 7 of previous analysis for the tracker.				
	Jan-15	Feb-15	Mar-15	
	\$55,099.59	(\$28,098.63)	(\$24,166.30)	

<u>Indiana Gross Income Tax Factor</u>	
Tax Rate	1.40%
Tax Factor	0.9860

## KNIGHTSTOWN MUNICIPAL ELECTRIC UTILITY Monthly Bill Comparisons

### Residential Customers -- 2nd Quarter 2015 Tracker Vs. 3rd Quarter 2015 Tracker

kWh Usage	Knightstown Residential Bills		Bill with 3rd Quarter 2015 Tracker Over (Under) Bill with 2nd Quarter 2015 Tracker	
	2nd Quarter 2015	3rd Quarter 2015	\$ Change	% Change
300	\$37.43	\$37.49	\$0.06	0.2%
500	\$59.14	\$59.24	\$0.10	0.2%
750	\$86.27	\$86.43	\$0.16	0.2%
1,000	\$113.41	\$113.61	\$0.21	0.2%
1,500	\$163.13	\$163.44	\$0.31	0.2%
2,000	\$212.84	\$213.26	\$0.42	0.2%
3,000	\$312.28	\$312.91	\$0.62	0.2%
4,000	\$411.72	\$412.55	\$0.83	0.2%

	Knightstown Residential Rates	
	2nd Quarter 2015	3rd Quarter 2015
Energy Charge First 30 kWh or less used per month	\$ 5.24	\$ 5.24
Energy Charge Next 170 kWh, \$/kWh/Month	\$ 0.113700	\$ 0.113700
Energy Charge Next 800 kWh, \$/kWh/Month	\$ 0.098500	\$ 0.098500
Energy Charge Over 1,000 kWh, \$/kWh/Month	\$ 0.089400	\$ 0.089400
Energy Tracker	\$ 0.010038	\$ 0.010246

### Commercial & Municipal Customers -- 2nd Quarter 2015 Tracker Vs. 3rd Quarter 2015 Tracker

kWh Usage	Commercial & Municipal Bills		Bill with 3rd Quarter 2015 Tracker Over (Under) Bill with 2nd Quarter 2015 Tracker	
	2nd Quarter 2015	3rd Quarter 2015	\$ Change	% Change
1,000	\$130.93	\$131.14	\$0.21	0.2%
2,500	\$300.69	\$301.21	\$0.52	0.2%
5,000	\$572.03	\$573.07	\$1.04	0.2%
7,500	\$820.63	\$822.19	\$1.56	0.2%
10,000	\$1,069.22	\$1,071.30	\$2.08	0.2%
20,000	\$2,063.60	\$2,067.76	\$4.16	0.2%
30,000	\$3,057.97	\$3,064.22	\$6.24	0.2%
40,000	\$4,052.35	\$4,060.67	\$8.32	0.2%

	Commercial & Municipal Rates	
	2nd Quarter 2015	3rd Quarter 2015
Energy Charge First 30 kWh or less, \$/kWh/Month	\$ 5.24	\$ 5.24
Energy Charge Next 470 kWh, \$/kWh/Month	\$ 0.126500	\$ 0.126500
Energy Charge Next 1,000 kWh, \$/kWh/Month	\$ 0.112400	\$ 0.112400
Energy Charge Next 3,500 kWh, \$/kWh/Month	\$ 0.098500	\$ 0.098500
Energy Charge Over 5,000 kWh, \$/kWh/Month	\$ 0.089400	\$ 0.089400
Energy Tracker	\$ 0.010038	\$ 0.010246

**General Service Customers -- 2nd Quarter 2015 Tracker Vs. 3rd Quarter 2015 Tracker**

kW*	kWh	General Service Bills		Bill with 3rd Quarter 2015 Tracker Over (Under) Bill with 2nd Quarter 2015 Tracker	
		2nd Quarter 2015	3rd Quarter 2015	\$ Change	% Change
Usage	Usage				
27.00	10,000	\$1,113.96	\$1,116.04	\$2.08	0.2%
41.00	15,000	\$1,672.20	\$1,675.33	\$3.12	0.2%
68.00	25,000	\$2,786.16	\$2,791.36	\$5.20	0.2%
82.00	30,000	\$3,344.41	\$3,350.65	\$6.24	0.2%
137.00	50,000	\$5,574.86	\$5,585.26	\$10.40	0.2%
205.00	75,000	\$8,361.02	\$8,376.63	\$15.60	0.2%
274.00	100,000	\$11,149.72	\$11,170.53	\$20.80	0.2%
753.00	275,000	\$30,660.47	\$30,717.68	\$57.21	0.2%

	General Service Rates	
	2nd Quarter 2015	3rd Quarter 2015
Demand Charge, \$/kW	\$ 2.54	\$ 2.54
Energy Charge, \$/kWh/Month	\$ 0.094500	\$ 0.094500
Energy Tracker	\$ 0.010038	\$ 0.010246

\* Assumes a 50% Load Factor

# Supporting Document

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IURC 30-Day Filing No.: 3357

Indiana Utility Regulatory Commission

## INDIANA MUNICIPAL POWER AGENCY ECA ESTIMATES FOR JULY, AUGUST and SEPTEMBER 2015 - 3RD QUARTER

	JUL	AUG	SEP	JUL	AUG	SEP
	\$/kW-month			\$/kWh		
IMPA's Energy Cost Adjustment	0.087	0.087	0.087	0.002460	0.002460	0.002460
	kW			kWh		
To develop these Energy Cost Adjustment factors, IMPA used the following estimated loads for <b>KNIGHTSTOWN</b>	5,192	5,605	5,398	2,509,181	2,360,363	1,935,275

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Indiana Utility Regulatory Commission



**IMPA**  
INDIANA MUNICIPAL POWER AGENCY

Knightstown Electric Utility  
26 S. Washington Street  
Knightstown, IN 46148

**Due Date:**  
**03/19/15**

**Amount Due:**  
**\$193,219.26**

Billing Period: January 1 to January 31, 2015

Invoice No: INV0004798

Invoice Date: 02/17/15

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	4,896	1,091	97.61%	01/07/15	1900	71.51%
CP Billing Demand:	4,737	1,051	97.63%	01/08/15	1100	73.91%
kvar at 97% PF:		1,187				
Reactive Demand:		-				

Energy	kWh
Duke Interconnections:	2,604,726
<b>Total Energy:</b>	<b>2,604,726</b>

History	Jan 2015	Jan 2014	2015 YTD
Max Demand (kW):	4,896	5,403	4,896
CP Demand (kW):	4,737	4,845	4,737
Energy (kWh):	2,604,726	2,844,041	2,604,726
CP Load Factor:	73.91%	78.90%	
HDD / CDD (Indianapolis):	1224 / 0	1387 / 0	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 20.897 / kW x	4,737	\$ 98,989.09
ECA Demand Charge:	\$ 0.087 / kW x	4,737	\$ 412.12
Delivery Voltage Charge - Less than 34.5 kV:	\$ 1.481 / kW x	4,737	\$ 7,015.50
Total Demand Charges:			\$ 106,416.71
Base Energy Charge:	\$ 0.030781 / kWh x	2,604,726	\$ 80,176.07
ECA Energy Charge:	\$ 0.002460 / kWh x	2,604,726	\$ 6,407.63
Total Energy Charges:			\$ 86,583.70
<b>Average Purchased Power Cost: 7.41 cents per kWh</b>			<b>Total Purchased Power Charges: \$ 193,000.41</b>

Other Charges and Credits	
Energy Efficiency Fund - 14,220 kWh Saved:	\$ 218.85

**NET AMOUNT DUE: \$ 193,219.26**

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

# Supporting Document

Received: May 21, 2015

IURC 30-Day Filing No.: 3357

Indiana Utility Regulatory Commission



**IMPA**  
INDIANA MUNICIPAL POWER AGENCY

## Energy Efficiency Fund 2015 Monthly Contribution\* Knightstown, IN

Lamp Description**	Lamp Watts	Monthly Avg. Hours	# of Fixtures	Monthly Avg. kWh
<b>Original Light Fixtures</b>				
400 W High Pressure Sodium	464	330.2	45	6,895
175 W Metal Halide	215	330.2	195	13,844
<b>Total:</b>			<b>240</b>	<b>20,738</b>
<b>New LED Light Fixtures</b>				
65 W GE Evolve LED Area Light	65	330.2	195	4,185
157 W GE Evolve LED Area Light	157	330.2	45	2,333
<b>Total:</b>			<b>240</b>	<b>6,518</b>
Monthly Energy Saved - Original less New (kWh):				14,220
IMPA Base Energy Rate (\$/kWh):				0.030781
Monthly Average Energy Savings:				<u>\$ 437.71</u>
Contribution Percent of Energy Savings:				50%

<b>Knightstown Monthly Contribution:</b>	<b>\$</b>	<b>218.85</b>
<b>Annual Contribution:</b>	<b>\$</b>	<b>2,626.25</b>

\* Contributions to Energy Efficiency Fund began with payment of the November 2012 IMPA power bill.

\*\*The rated watts in the original fixtures are less than the wattage used in the energy calculation due to the fact that the lamp watts includes ballast losses and reflects real power consumed.

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Knightstown Electric Utility  
26 S. Washington Street  
Knightstown, IN 46148

**Due Date:**  
**04/15/15**

**Amount Due:**  
**\$185,636.52**

Billing Period: February 1 to February 28, 2015

Invoice No: INV0004888  
Invoice Date: 03/16/15

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	4,914	1,096	97.60%	02/20/15	900	74.67%
CP Billing Demand:	4,605	1,045	97.52%	02/19/15	900	79.68%
kvar at 97% PF:		1,154				
Reactive Demand:		-				

Energy	kWh
Duke Interconnections:	2,465,820
<b>Total Energy:</b>	<b>2,465,820</b>

History	Feb 2015	Feb 2014	2015 YTD
Max Demand (kW):	4,914	4,688	4,914
CP Demand (kW):	4,605	4,586	4,737
Energy (kWh):	2,465,820	2,417,946	5,070,546
CP Load Factor:	79.68%	78.46%	
HDD/CDD (Indianapolis):	1249/0	1187/0	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 20.897 / kW x	4,605	\$ 96,230.69
ECA Demand Charge:	\$ 0.087 / kW x	4,605	\$ 400.64
Delivery Voltage Charge - Less than 34.5 kV:	\$ 1.481 / kW x	4,605	\$ 6,820.01
Total Demand Charges:			\$ 103,451.34
Base Energy Charge:	\$ 0.030781 / kWh x	2,465,820	\$ 75,900.41
ECA Energy Charge:	\$ 0.002460 / kWh x	2,465,820	\$ 6,065.92
Total Energy Charges:			\$ 81,966.33
<b>Average Purchased Power Cost: 7.52 cents per kWh</b>			<b>Total Purchased Power Charges: \$ 185,417.67</b>

Other Charges and Credits	
Energy Efficiency Fund - 14,220 kWh Saved:	\$ 218.85

**NET AMOUNT DUE: \$ 185,636.52**

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

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Knightstown Electric Utility  
26 S. Washington Street  
Knightstown, IN 46148

**Due Date:**  
**05/14/15**

**Amount Due:**  
**\$169,873.73**

Billing Period: March 1 to March 31, 2015

Invoice No: INV0004976

Invoice Date: 04/14/15

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	4,406	981	97.61%	03/06/15	800	64.86%
CP Billing Demand:	4,406	981	97.61%	03/06/15	800	64.86%
kvar at 97% PF:		1,104				
Reactive Demand:		-				

Energy	kWh
Duke Interconnections:	2,126,112
<b>Total Energy:</b>	<b>2,126,112</b>

History	Mar 2015	Mar 2014	2015 YTD
Max Demand (kW):	4,406	4,363	4,914
CP Demand (kW):	4,406	4,195	4,737
Energy (kWh):	2,126,112	2,253,070	7,196,658
CP Load Factor:	64.86%	72.19%	
HDD/CDD (Indianapolis):	790/0	899/0	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 20.897 / kW x	4,406	\$ 92,072.18
ECA Demand Charge:	\$ 0.087 / kW x	4,406	\$ 383.32
Delivery Voltage Charge - Less than 34.5 kV:	\$ 1.481 / kW x	4,406	\$ 6,525.29
Total Demand Charges:			\$ 98,980.79
Base Energy Charge:	\$ 0.030781 / kWh x	2,126,112	\$ 65,443.85
ECA Energy Charge:	\$ 0.002460 / kWh x	2,126,112	\$ 5,230.24
Total Energy Charges:			\$ 70,674.09
<b>Average Purchased Power Cost: 7.98 cents per kWh</b>			<b>Total Purchased Power Charges: \$ 169,654.88</b>

Other Charges and Credits	
Energy Efficiency Fund - 14,220 kWh Saved:	\$ 218.85

**NET AMOUNT DUE: \$ 169,873.73**

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  
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## EXHIBIT II

### KNIGHTSTOWN MUNICIPAL ELECTRIC UTILITY DETERMINATION OF THE RATE ADJUSTMENT For the 1st Quarter 2015

LINE NO.	DESCRIPTION		DEMAND (A)	ENERGY (B)
<b><u>INCREMENTAL CHANGE IN BASE RATES</u></b>				
1	CURRENT RATE EFFECTIVE 1-Jan-15	(a)	\$22.378	\$0.030781
2	BASE RATE EFFECTIVE 6-Aug-14	(b)	\$19.278	\$0.031800
3	INCREMENTAL CHANGE IN BASE RATES	(c)	\$3.100	(\$0.001019)
<b><u>ENERGY COST ADJUSTMENT</u></b>				
4	ECA Effective with Current Rates		\$ 0.087	\$ 0.002460
5	ECA Effective in Base Rates		\$ -	\$ -
6	ESTIMATED ENERGY COST ADJUSTMENT		\$0.087	\$0.002460
7	ESTIMATED TOTAL RATE ADJUSTMENT	(d)	\$3.187	\$0.001441

- 
- (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

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## KNIGHTSTOWN WATER, LIGHT & SEWER UTILITIES

26 South Washington Street  
KNIGHTSTOWN, INDIANA 46148  
765-345-5977

April 28, 2015

To: James Welsh

Re: 3rd Quarter Tracker for 2015

The following are the totals of KWH sold for the months of January, February and March 2015.

	<u>KWH SOLD</u>
January 2015	2,431,937
February 2015	2,034,152
March 2015	<u>2,230,978</u>
Total	6,697,067

Thank you for your assistance.

Sincerely,

Betsy Wilkerson  
Office Manager  
Knightstown Utilities  
26 S Washington St  
Knightstown, IN 46148  
765-345-5977  
[bwilkerson@myninestar.net](mailto:bwilkerson@myninestar.net)

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Indiana Utility Regulatory Commission

**KNIGHTSTOWN MUNICIPAL ELECTRIC UTILITY**

## APPENDIX "A"

### **RATE ADJUSTMENT**

The Knightstown Electric Utility has calculated an energy tracking factor to implement a change in the rates for electric service charged by its supplier the Indiana Municipal Power Agency.

This tracker will be effective for all energy consumed during the billing period.

Tracker:

**\$0.008492** per kWh per month

Effective: 1st Quarter 2015

For Billing Periods: Jan-15, Feb-15, and Mar-15

# Supporting Document

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EXHIBIT III

## KNIGHTSTOWN MUNICIPAL ELECTRIC UTILITY DETERMINATION OF VARIANCE

LINE NO.	DESCRIPTION	FOR THE HISTORICAL PERIOD OF			TOTAL (D)	3 MONTH AVERAGE (E)
		Jul-14 (A)	Aug-14 (B)	Sep-14 (C)		
1	TOTAL SALES SUBJECT TO RATE ADJ. (a)	1,698,310	1,852,344	2,101,817	5,652,471	1,884,157
2	INCREMENTAL COST BILLED BY IMPA (b)	\$77,750.94	\$87,481.58	\$79,883.95	\$245,116.47	\$81,705.49
3	INCREMENTAL COST BILLED BY MEMBER (c)	\$72,320.00	\$78,879.31	\$89,502.75	\$240,702.07	\$80,234.02
4	INC COST BILLED EXCLUDING I.G.I.T. (d)	\$71,307.52	\$77,775.00	\$88,249.71	\$237,332.24	\$79,110.74
5	PREVIOUS VARIANCE (e)	\$48,656.18	(\$37,805.21)	(\$15,800.54)	(\$4,949.57)	(\$1,649.86)
6	NET COST BILLED BY MEMBER (f)	\$22,651.35	\$115,580.21	\$104,050.25	\$242,281.81	\$80,760.60
7	PURCHASED POWER VARIANCE (g)	\$55,099.59	(\$28,098.63)	(\$24,166.30)	\$2,834.67	\$944.89
-----						
(a)	Exhibit IV, Line 3					
(b)	Exhibit IV, Line 14					
(c)	Line 1 times factor used in historical month	\$0.042584	\$0.042584	\$0.042584		
(d)	Line 3 times the Indiana Gross Income Tax Factor of:	0.9860				
(e)	Purchased Power Variance (Exhibit III, Line 7) from the analysis for the tracker during the historical period.					
(f)	Line 4 minus Line 5					
(g)	Line 2 minus Line 6					

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**KNIGHTSTOWN MUNICIPAL ELECTRIC UTILITY**

## APPENDIX "A"

### **RATE ADJUSTMENT**

The Knightstown Electric Utility has calculated an energy tracking factor to implement a change in the rates for electric service charged by its supplier the Indiana Municipal Power Agency.

This tracker will be effective for all energy consumed during the billing period.

Tracker:

**\$ 0.010038** per kWh per month

Effective: 2nd Quarter 2015

For Billing Periods: Apr-15, May-15, and Jun-15

**LEGAL NOTICE**

**The Knightstown Electric Utility has calculated an energy tracking factor to implement a change in the rates for electric service charged by its supplier the Indiana Municipal Power Agency.**

**This tracker will be effective for all energy consumed during the billing period.**

<b>Billing Period:</b>	<b><u>July-2015</u></b>	<b><u>August-2015</u></b>	<b><u>September-2015</u></b>
<b>Tracker \$Kwh</b>	<b>\$0.010246</b>	<b>\$0.010246</b>	<b>\$0.010246</b>

**This tracker results in an increase of 0.00208.**

**For questions or objections, you may contact the Indiana Utility Regulatory commission (IURC) at PNC Center, 101 W. Washington St., Suite 1500 E., Indianapolis, In. 46204-3407 or call toll free 1-800-851-4268; Voice/Too: 317-232-2701 or [www.in.gov/iurc](http://www.in.gov/iurc). You may also contact the Office of Utility Consumer Counselor (OUCC) at PNC Center, 115 W. Washington St., Suite 1500 South, Indianapolis, In. 46204-3407 or call 1-888-441-2494; Voice/Too: 1-317-232-2494 or [www.in.gov/oucc](http://www.in.gov/oucc).**