

2015 Residential Bill Survey

Rate Jurisdictional Electric Utilities

July 1, 2015 Billing

Commission Staff presents a survey of electric utility billings for residential customers served under Indiana state rate-setting jurisdiction. The survey presents rates at a snapshot in time, namely July 1st of each year. The surveyed providers to these customers include 5 investor-owned and 9 municipal utilities. We note that 67 municipal and 42 co-operative electricity providers within the state are excluded as non-jurisdictional.

We present the results in a variety of ways to improve the transparency of data collected. All rates included in this survey are those approved by the Commission and applicable on customer bills issued July 1. The initial tables show the July 1, 2015 bill applicable to simple tariff residential customers at 500, 1000, 1500, and 2000 kWh monthly consumption levels first alphabetically and then ranked by 1000 kWh cost, highest being 1st. Next we present the year over year change to the customer bills at 1000 kWh. The survey includes all rate trackers but excludes taxes. Expense and capital trackers provide a means to include cost changes in customer rates outside of a traditional rate case. The fuel and power cost tracker for each municipal in 2015 is compared to 2014 in Table 4. The investor-owned group employs a variety of tracking mechanisms for which the 2015 and 2014 charges are listed for comparison. Table 6 is included to disaggregate the base and variable cost components of 1000 kWh consumption for each of the investor-owned electric utilities. Table 7 and Figure 1 present the electric utilities 1000 kWh residential customer bills for a 10-year historical period.

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Table 1

JURISDICTIONAL ELECTRIC UTILITY RESIDENTIAL CUSTOMER BILL SURVEY
[July 1, 2015 Billing] By Utility Name and Type

MUNICIPAL UTILITIES	kWh Consumption				Overall Ranking*
	500	1000	1500	2000	
Anderson Municipal	\$ 67.18	\$ 114.65	\$ 162.12	\$ 209.59	3
Auburn Municipal	42.65	78.30	113.96	149.61	14
Crawfordsville Municipal	60.49	105.98	151.47	196.95	10
Frankfort Municipal	53.28	96.28	139.28	177.98	12
Kingsford Heights Municipal	56.15	108.79	161.44	214.09	8
Knightstown Municipal	59.24	113.62	163.44	213.26	5
Lebanon Municipal	60.72	111.67	158.82	205.97	6
Richmond Municipal	60.87	106.19	151.52	195.11	9
Tipton Municipal	53.89	101.80	147.40	193.01	11
INVESTOR OWNED UTILITIES					
Duke Energy Indiana	\$ 67.54	\$ 114.04	\$ 155.69	\$ 197.33	4
Indiana Michigan Power D/B/A AEP	58.20	109.10	160.00	210.90	7
Indianapolis Power & Light Co.	58.94	95.37	131.82	168.25	13
Northern Indiana Public Service Co.	68.24	125.48	182.72	239.95	2
So. Indiana Gas & Electric Co. D/B/A Vectren	82.11	153.23	224.34	295.46	1
*Overall Ranking based on Total Rate at 1000 kWh consumption.					

Table 2

JURISDICTIONAL ELECTRIC UTILITY RESIDENTIAL CUSTOMER BILLS
[July 1, 2015 Billing]
Overall Ranking for 1,000 kWh of Consumption

	NAME	<-----kWh Consumption----->			
		500 kWh	1000 kWh	1500 kWh	2000 kWh
1	So. Indiana Gas & Electric Co. D/B/A Vectren	\$ 82.11	\$ 153.23	\$ 224.34	\$ 295.46
2	Northern Indiana Public Service Co.	\$ 68.24	\$ 125.48	\$ 182.72	\$ 239.95
3	Anderson Municipal	\$ 67.18	\$ 114.65	\$ 162.12	\$ 209.59
4	Duke Energy Indiana	\$ 67.54	\$ 114.04	\$ 155.69	\$ 197.33
5	Knightstown Municipal	\$ 59.24	\$ 113.62	\$ 163.44	\$ 213.26
6	Lebanon Municipal	\$ 60.72	\$ 111.67	\$ 158.82	\$ 205.97
7	Indiana Michigan Power D/B/A AEP	\$ 58.20	\$ 109.10	\$ 160.00	\$ 210.90
8	Kingsford Heights Municipal	\$ 56.15	\$ 108.79	\$ 161.44	\$ 214.09
9	Richmond Municipal	\$ 60.87	\$ 106.19	\$ 151.52	\$ 195.11
10	Crawfordsville Municipal	\$ 60.49	\$ 105.98	\$ 151.47	\$ 196.95
11	Tipton Municipal	\$ 53.89	\$ 101.80	\$ 147.40	\$ 193.01
12	Frankfort Municipal	\$ 53.28	\$ 96.28	\$ 139.28	\$ 177.98
13	Indianapolis Power & Light Co.	\$ 58.94	\$ 95.37	\$ 131.82	\$ 168.25
14	Auburn Municipal	\$ 42.65	\$ 78.30	\$ 113.96	\$ 149.61
	Average	\$ 60.68	\$109.61	\$157.43	\$204.82
	2014 Survey	\$ 58.73	\$105.86	\$151.91	\$197.53
	% Change	3.32%	3.53%	3.63%	3.69%

Table 3

**Jurisdictional Electric Utility Residential Customer Bill
1000 kWh Usage, July 1 Billing (By Name)
Year to Year Comparison**

MUNICIPAL UTILITIES		2015	2014	% Change
	Anderson Municipal	\$ 114.65	\$ 106.15	8.0%
*	Auburn Municipal	\$ 78.30	\$ 73.61	6.4%
	Crawfordsville Municipal	\$ 105.98	\$ 94.50	12.1%
	Frankfort Municipal	\$ 96.28	\$ 90.67	6.2%
	Kingsford Heights Municipal	\$ 108.79	\$ 102.86	5.8%
*	Knightstown Municipal	\$ 113.62	\$ 106.38	6.8%
	Lebanon Municipal	\$ 111.67	\$ 109.86	1.6%
	Richmond Municipal	\$ 106.19	\$ 95.36	11.4%
	Tipton Municipal	\$ 101.80	\$ 99.60	2.2%
Muni Averages		104.14	97.67	6.6%
INVESTOR OWNED UTILITIES				
	Duke Energy Indiana	\$ 114.04	\$ 123.91	-8.0%
	Indiana Michigan Power D/B/A AEP	\$ 109.10	\$ 99.33	9.8%
	Indianapolis Power & Light Co.	\$ 95.37	\$ 99.64	-4.3%
	Northern Indiana Public Service Co.	\$ 125.48	\$ 128.09	-2.0%
	So. Indiana Gas & Electric Co. D/B/A Vectren	\$ 153.23	\$ 152.15	0.7%
IOU Averages		119.44	120.62	-1.0%

* Implemented new base rates in the past year.

Table 4

**Jurisdictional Municipal Electric Utility Residential Customer Bill
1000 kWh Usage, July 1 Billing (By Name)
Year to Year Comparison
Fuel/Power Factor Adjustment Mechanism**

Fuel/Power Factor Charge @ 1000 kWh	2015	2014	Change
Anderson Municipal	\$10.67	\$2.17	\$8.50
* Auburn Municipal	0.00	30.02	(30.02)
Crawfordsville Municipal	14.91	3.43	11.47
Frankfort Municipal	39.92	34.31	5.60
Kingsford Heights Municipal	41.39	35.46	5.94
* Knightstown Municipal	10.25	41.37	(31.13)
Lebanon Municipal	11.20	9.39	1.80
Richmond Municipal	41.56	30.73	10.83
Tipton Municipal	36.16	33.96	2.20

* Implemented new base rates in the past year.

Table 5

Indiana Investor-Owned Electric Utilities
Year to Year Comparison
Adjustable Rate Mechanisms on Residential Bills
1000 kWh Usage, July 1 Billing

	2015	2014	Change
	\$	\$	\$
Indiana Michigan Power D/B/A AEP			
FAC	(1.50)	(1.79)	0.29
DSM	4.74	2.03	2.71
Off-System Sales Sharing	(2.21)	(1.18)	(1.03)
RTO	6.73	3.42	3.31
EA	0.09	0.32	(0.23)
QPCP & QPCP O&M	1.24	0.00	1.24
Capacity Settlement	3.52	0.00	3.52
Deprciation Credit	(1.24)	0.00	(1.24)
LCM	4.09	2.89	1.20
Total	15.46	5.69	9.77
Indianapolis Power & Light Co.			
FAC	18.73	22.19	(3.46)
QPCP & QPCP O&M	9.27	8.33	0.94
DSM	0.88	2.61	(1.74)
ACLM	0.00	0.00	0.00
Total	28.87	33.14	(4.26)
Northern Indiana Public Service Co.			
FAC	0.56	3.78	(3.22)
QPCP	5.79	4.28	1.52
QPCP O&M	2.35	0.33	2.02
RTO	0.62	0.77	(0.15)
Resource Adequacy	2.69	2.61	0.08
FMCA	0.14	0.00	0.14
DSM	4.49	7.65	(3.15)
Total	16.64	19.41	(2.77)
Duke Energy Indiana			
FAC	14.19	23.20	(9.01)
QPCP	3.42	3.38	0.04
QPCP O&M	3.90	4.48	(0.58)
EA	0.08	0.26	(0.18)
DSM	3.24	3.58	(0.34)
MISO	1.42	1.11	0.31
IGCC	12.67	12.67	0.00
Summer Reliability	0.45	0.61	(0.16)
Amortization Phase Out	(0.53)	(0.58)	0.05
Total	38.84	48.71	(9.87)
So. Indiana Gas & Electric Co. D/B/A Vectren			
FAC	(8.05)	(8.37)	0.32
MISO	3.31	2.43	0.88
Reliability (RCRA)	(1.27)	(0.79)	(0.48)
DSM	7.48	6.53	0.95
Total	1.47	(0.20)	1.67

FAC = Fuel Adjustment Charge

QPCP = Qualified Pollution Control Property

DSM = Demand Side Management

ACLM = Air Conditioning Load Management

QPCP O&M = Qualified Pollution Control Property Operation & Maintenance

EA = Emission Allowance

IGCC = Clean Coal Tracker for Gasification Plant

RTO = Midwest ISO or PJM ISO Non-fuel

LCM = Nuclear Life Cycle Management

* Implemented new base rates in the past year.

Table 6

**Indiana Investor-Owned Electric Utilities
Base and Variable (Tracker) Bill Components
1000 kWh Usage, July 1, 2015 Billing**

	Base	Variable	Total	Base Rate Case Year
	\$	\$	\$	
Indiana Michigan Power D/B/A AEP	93.64	15.46	109.10	2013
Indianapolis Power & Light Co.	66.50	28.87	95.37	1995
Northern Indiana Public Service Co.	108.84	16.64	125.48	2011
Duke Energy Indiana	75.20	38.84	114.04	2004
So. Indiana Gas & Electric Co. D/B/A Vectren	151.76	1.47	153.23	2011

Table 7

10-year Residential Bill Change
(RS Bill for 1000 kWh usage, 7/1 of each year)

	2005	2015	Change	%Change
Anderson Municipal	\$ 74.08	\$ 114.65	\$ 40.57	55%
Auburn Municipal	\$ 46.54	\$ 78.30	\$ 31.76	68%
Crawfordsville Municipal	\$ 73.20	\$ 105.98	\$ 32.78	45%
Frankfort Municipal	\$ 67.05	\$ 96.28	\$ 29.23	44%
Kingsford Heights Municipal	\$ 82.68	\$ 108.79	\$ 26.11	32%
Knightstown Municipal	\$ 60.24	\$ 113.62	\$ 53.38	89%
Lebanon Municipal	\$ 69.82	\$ 111.67	\$ 41.85	60%
Richmond Municipal	\$ 72.33	\$ 106.19	\$ 33.86	47%
Tipton Municipal	\$ 72.38	\$ 101.80	\$ 29.42	41%
I&M	\$ 68.93	\$ 109.10	\$ 40.17	58%
IP&L	\$ 70.50	\$ 95.37	\$ 24.87	35%
NIPSCO	\$ 97.54	\$ 125.48	\$ 27.94	29%
DEI	\$ 79.53	\$ 114.04	\$ 34.51	43%
SIGECO	\$ 88.67	\$ 153.23	\$ 64.56	73%

Figure 1

