

# **2012 Residential Bill Survey**

## **Rate Jurisdictional Electric Utilities**

### **July 1, 2012 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 1<sup>st</sup> of each year. The surveyed providers to these customers include 5 investor-owned, 2 co-operative and 11 municipal Utilities. We note that 65 municipal and 40 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, 2012 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 1<sup>st</sup>. 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 2012 is compared to 2011 in Table 4. The investor-owned group employs a variety of tracking mechanisms for which the 2012 and 2011 charges are listed for comparison. Table 6 is included to disaggregate the base and variable cost components of 1000 kWh consumption. Figure Nos. 1 and 2 show the investor-owned electric utilities 1000 kWh residential customer bills for the current and historical periods, respectively.

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Table 1

**JURISDICTIONAL ELECTRIC UTILITY RESIDENTIAL CUSTOMER BILL SURVEY**  
**[July 1, 2012 Billing] By Utility Name and Type**

MUNICIPAL UTILITIES	kWh Consumption				Overall Ranking*
	500	1000	1500	2000	
Anderson Municipal	\$ 53.97	\$ 98.10	\$ 142.22	\$ 184.14	8
Auburn Municipal	37.29	69.58	101.87	134.16	18
Columbia City Municipal	54.03	100.01	145.98	191.96	7
Crawfordsville Municipal	55.76	96.51	137.27	178.02	10
Frankfort Municipal	48.46	86.64	124.82	158.71	15
Kingsford Heights Municipal	49.80	96.10	142.40	188.70	11
Knightstown Municipal	51.34	98.06	140.49	182.92	9
Lebanon Municipal	48.16	89.54	127.13	164.71	14
Mishawaka Municipal	46.21	82.42	118.64	154.85	17
Richmond Municipal	60.21	104.88	149.54	192.48	6
Tipton Municipal	48.46	90.92	131.09	171.26	13
<b>COOPERATIVE UTILITIES</b>					
Jackson County REMC	66.63	115.26	163.89	212.53	2
Northeastern REMC	66.75	115.04	163.34	206.13	4
<b>INVESTOR OWNED UTILITIES</b>					
Duke Energy Indiana	\$ 63.20	\$ 105.38	\$ 142.69	\$ 180.00	5
Indiana Michigan Power D/B/A AEP	46.11	85.41	124.72	164.03	16
Indianapolis Power & Light Co.	58.61	94.73	130.84	166.95	12
Northern Indiana Public Service Co.	63.09	115.17	167.26	219.34	3
So. Indiana Gas & Electric Co. D/B/A Vectren	80.14	149.28	218.42	287.56	1
*Overall Ranking based on Total Rate at 1000 kWh consumption.					

Table 2

**JURISDICTIONAL ELECTRIC UTILITY RESIDENTIAL CUSTOMER BILLS**  
**[July 1, 2012 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	\$ 80.14	\$ 149.28	\$ 218.42	\$ 287.56
2	Jackson County REMC	\$ 66.63	\$ 115.26	\$ 163.89	\$ 212.53
3	Northern Indiana Public Service Co.	\$ 63.09	\$ 115.17	\$ 167.26	\$ 219.34
4	Northeastern REMC	\$ 66.75	\$ 115.04	\$ 163.34	\$ 206.13
5	Duke Energy Indiana	\$ 63.20	\$ 105.38	\$ 142.69	\$ 180.00
6	Richmond Municipal	\$ 60.21	\$ 104.88	\$ 149.54	\$ 192.48
7	Columbia City Municipal	\$ 54.03	\$ 100.01	\$ 145.98	\$ 191.96
8	Anderson Municipal	\$ 53.97	\$ 98.10	\$ 142.22	\$ 184.14
9	Knightstown Municipal	\$ 51.34	\$ 98.06	\$ 140.49	\$ 182.92
10	Crawfordsville Municipal	\$ 55.76	\$ 96.51	\$ 137.27	\$ 178.02
11	Kingsford Heights Municipal	\$ 49.80	\$ 96.10	\$ 142.40	\$ 188.70
12	Indianapolis Power & Light Co.	\$ 58.61	\$ 94.73	\$ 130.84	\$ 166.95
13	Tipton Municipal	\$ 48.46	\$ 90.92	\$ 131.09	\$ 171.26
14	Lebanon Municipal	\$ 48.16	\$ 89.54	\$ 127.13	\$ 164.71
15	Frankfort Municipal	\$ 48.46	\$ 86.64	\$ 124.82	\$ 158.71
16	Indiana Michigan Power D/B/A AEP	\$ 46.11	\$ 85.41	\$ 124.72	\$ 164.03
17	Mishawaka Municipal	\$ 46.21	\$ 82.42	\$ 118.64	\$ 154.85
18	Auburn Municipal	\$ 37.29	\$ 69.58	\$ 101.87	\$ 134.16
	Average	\$ 55.45	\$99.61	\$142.92	\$185.47
	2011 Survey	\$ 53.96	\$ 96.86	\$ 138.91	\$ 180.21
	% Change	2.77%	2.84%	2.89%	2.92%

Table 3

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

<b>MUNICIPAL UTILITIES</b>	<b>2012</b>	<b>2011</b>	<b>% Change</b>
Anderson Municipal	\$ 98.10	\$ 93.92	4.45%
Auburn Municipal	\$ 69.58	\$ 67.63	2.87%
Columbia City Municipal	\$ 100.01	\$ 98.41	1.62%
Crawfordsville Municipal	\$ 96.51	\$ 90.95	6.12%
Frankfort Municipal	\$ 86.64	\$ 82.79	4.66%
Kingsford Heights Municipal	\$ 96.10	\$ 94.82	1.35%
Knightstown Municipal	\$ 98.06	\$ 94.25	4.05%
Lebanon Municipal	\$ 89.54	\$ 88.18	1.54%
Mishawaka Municipal	\$ 82.42	\$ 84.45	-2.40%
Richmond Municipal	\$ 104.88	\$ 89.16	17.63%
Tipton Municipal	\$ 90.92	\$ 88.32	2.95%
<b>Muni Averages</b>	<b>92.07</b>	<b>88.44</b>	<b>4.10%</b>
<b>COOPERATIVE UTILITIES</b>			
Jackson County REMC	\$ 115.26	\$ 113.02	1.99%
Northeastern REMC	\$ 115.04	\$ 114.06	0.86%
<b>Co-op Averages</b>	<b>115.15</b>	<b>113.54</b>	<b>1.42%</b>
<b>INVESTOR OWNED UTILITIES</b>			
Duke Energy Indiana	\$ 105.38	\$ 104.61	0.74%
Indiana Michigan Power D/B/A AEP	\$ 85.41	\$ 84.65	0.90%
Indianapolis Power & Light Co.	\$ 94.73	\$ 88.86	6.61%
* Northern Indiana Public Service Co.	\$ 115.17	\$ 110.37	4.35%
So. Indiana Gas & Electric Co. D/B/A Vectren	\$ 149.28	\$ 155.10	-3.75%
<b>IOU Averages</b>	<b>109.99</b>	<b>108.72</b>	<b>1.18%</b>

\* 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**

<b>Fuel/Power Factor Charge @ 1000 kWh</b>	<b>2012</b>	<b>2011</b>	<b>Change</b>
Anderson Municipal	\$29.82	\$25.64	\$4.18
Auburn Municipal	25.99	24.05	1.94
Columbia City Municipal	6.30	4.70	1.60
Crawfordsville Municipal	5.44	(0.12)	5.56
Frankfort Municipal	30.28	26.43	3.86
Kingsford Heights Municipal	28.70	27.42	1.28
Knightstown Municipal	33.06	29.24	3.82
Lebanon Municipal	25.07	23.71	1.36
Mishawaka Municipal	23.07	25.10	(2.03)
Richmond Municipal	40.25	24.53	15.72
Tipton Municipal	25.28	22.68	2.60

Table 5

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

	2012	2011	Change
	\$	\$	\$
<b>Indiana Michigan Power D/B/A AEP</b>			
FAC	6.00	4.38	1.62
DSM	1.99	2.57	(0.57)
Off-System Sales Sharing	0.21	1.18	(0.97)
RTO	2.65	0.75	1.90
QPCP & QPCP O&M	0.49	0.60	(0.11)
EA	0.43	0.88	(0.45)
Total	11.77	10.35	1.42
<b>Indianapolis Power &amp; Light Co.</b>			
FAC	17.38	14.62	2.76
QPCP & QPCP O&M	7.32	6.57	0.74
DSM	3.22	0.89	2.32
ACLM	0.32	0.27	0.05
Total	28.23	22.36	5.87
<b>* Northern Indiana Public Service Co.</b>			
FAC	(0.84)	7.84	(8.68)
QPCP	0.81	1.97	(1.16)
QPCP O&M	2.30	2.06	0.24
RTO	(0.29)	0.00	(0.29)
Resource Adequacy	0.07	0.00	0.07
DSM	4.44	0.00	4.44
Total	6.49	11.86	(5.37)
<b>Duke Energy Indiana</b>			
FAC	14.35	14.21	0.14
QPCP	3.88	4.16	(0.28)
QPCP O&M	4.22	3.91	0.31
EA	0.13	0.32	(0.19)
DSM	2.39	1.79	0.60
MISO	0.85	0.62	0.23
IGCC	4.55	4.55	0.00
Summer Reliability	0.40	0.35	0.05
Amortization Phase Out	(0.59)	(0.50)	(0.09)
Total	30.18	29.41	0.77
<b>So. Indiana Gas &amp; Electric Co. D/B/A Vectren</b>			
FAC	(8.80)	0.06	(8.86)
MISO	1.64	1.54	0.11
Reliability (RCRA)	1.57	(0.25)	1.82
DSM	2.28	1.16	1.11
Total	(3.31)	2.51	(5.82)

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

\* Implemented new base rates in the past year.

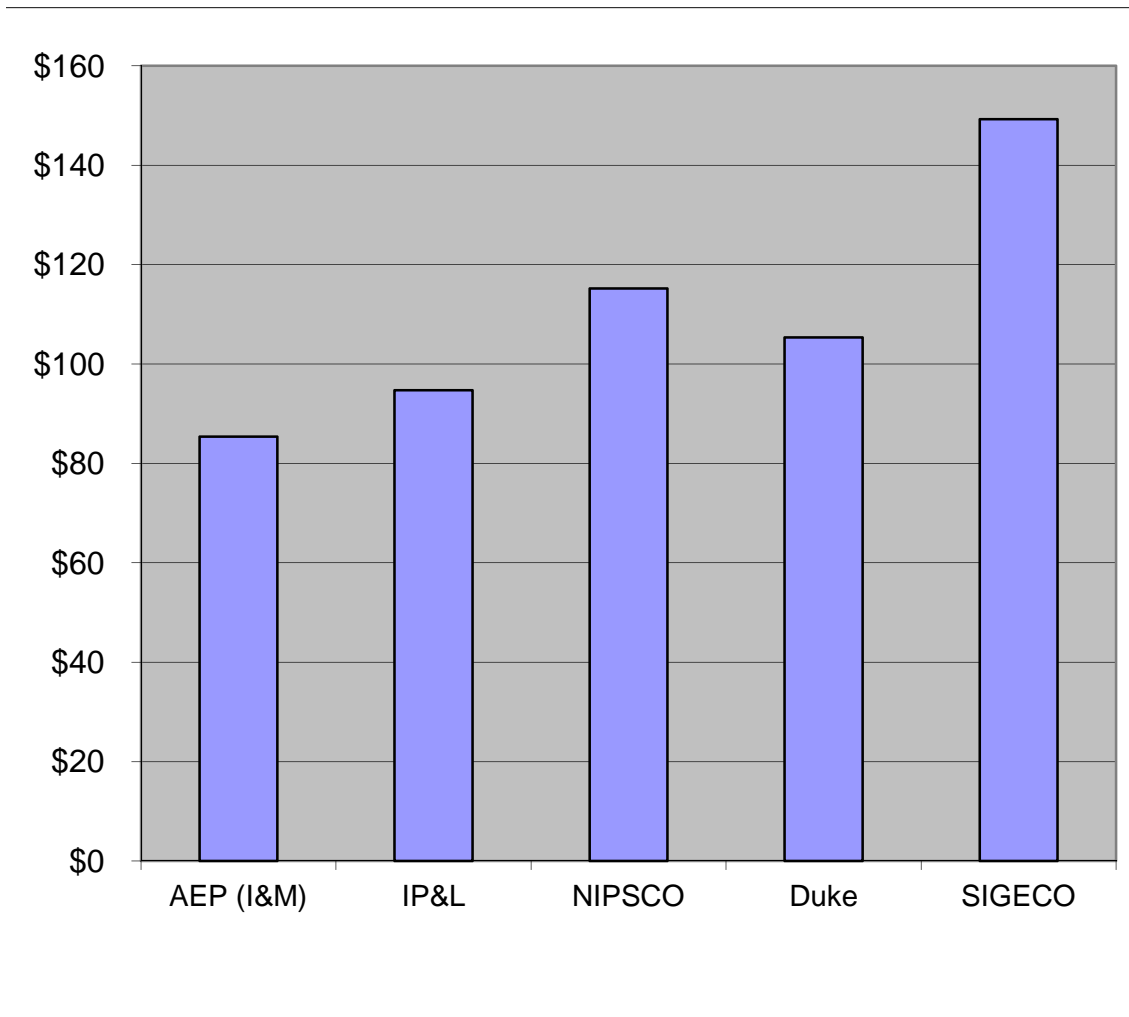
**Table 6**

**Indiana Investor-Owned Electric Utilities  
Base and Variable (Tracker) Bill Components  
1000 kWh Usage, July 1, 2012 Billing**

	<b>Base</b>	<b>Variable</b>	<b>Total</b>	<b>Base Rate Case Year</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>	
Indiana Michigan Power D/B/A AEP	73.64	11.77	85.41	2009
Indianapolis Power & Light Co.	66.50	28.23	94.73	1995
Northern Indiana Public Service Co.	108.68	6.49	115.17	2011
Duke Energy Indiana	75.20	30.18	105.38	2004
So. Indiana Gas & Electric Co. D/B/A Vectren	152.59	(3.31)	149.28	2011

**Figure 1**

**Comparison of Investor Owned Utilities  
Residential Electric Bills at 1,000 kWh  
July 1, 2012**



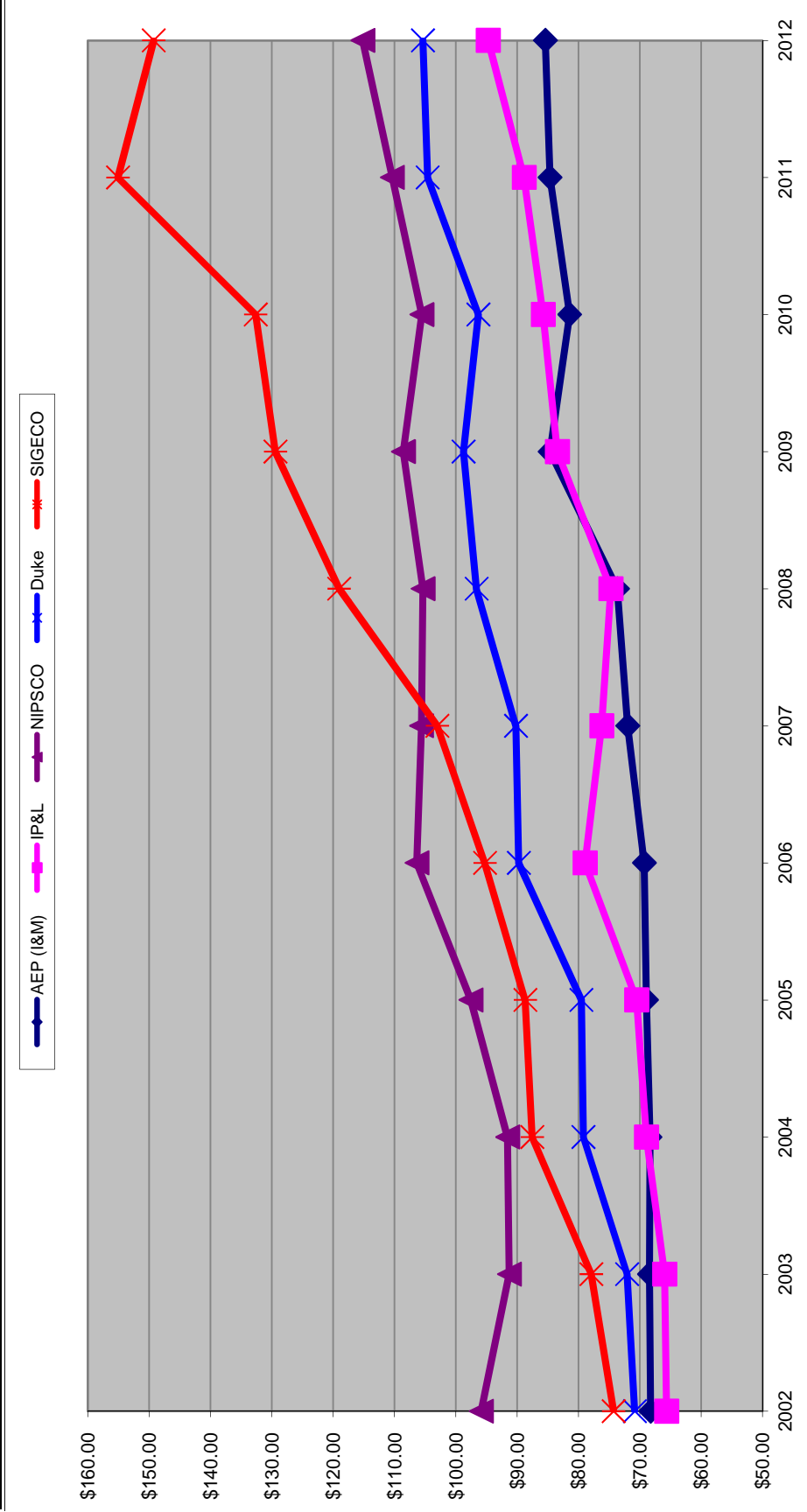
	<b>1,000 kWh</b>	<b>Overall Ranking*</b>
Indiana Michigan Power D/B/A AEP	\$ 85.41	16
Indianapolis Power & Light Co.	\$ 94.73	12
Northern Indiana Public Service Co.	\$ 115.17	3
Duke Energy Indiana	\$ 105.38	5
So. Indiana Gas & Electric Co. D/B/A Vectren	\$ 149.28	1

\*Overall Ranking based on evaluation of 18 utilities.



Figure 2

10 Year Comparison of Investor Owned Utility Residential Electric Bills at 1,000 kWh



Utility

Utility	Change	
	5 Years	10 Years
American Electric Power Co. (I&M)	\$13.45	\$17.18
Indianapolis Power & Light	\$18.53	\$29.11
Northern Indiana Public Service Co.	\$9.56	\$19.32
Duke Energy Indiana	\$15.18	\$34.57
Southern Indiana Gas & Electric Co.	\$46.26	\$75.01
	18.7%	25.2%
	24.3%	44.4%
	9.1%	20.2%
	16.8%	48.8%
	44.9%	101.0%