

# **2011 Residential Bill Survey**

## **Rate Jurisdictional Electric Utilities**

### **July 1, 2011 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, 4 co-operative and 13 municipal Utilities. We note that 63 municipal and 38 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 applicable on customer bills issued July 1. The initial tables show the July 1, 2011 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 2011 is compared to 2010 in Table 4. The investor-owned group employs a variety of tracking mechanisms for which the 2011 and 2010 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, 2011 Billing] By Utility Name and Type**

MUNICIPAL UTILITIES	kWh Consumption				Overall Ranking*
	500	1000	1500	2000	
Anderson Municipal	\$ 51.88	\$ 93.92	\$ 135.95	\$ 175.78	13
Auburn Municipal	36.32	67.63	98.95	130.27	22
Columbia City Municipal	53.23	98.41	143.59	188.76	9
Crawfordsville Municipal	52.97	90.95	128.92	166.90	14
Frankfort Municipal	46.53	82.79	119.04	151.00	21
Kingsford Heights Municipal	49.16	94.82	140.48	186.13	11
Knightstown Municipal	49.43	94.25	134.77	175.29	12
Lebanon Municipal	47.48	88.18	125.09	161.99	18
Logansport Municipal	59.69	110.57	159.03	206.49	6
Mishawaka Municipal	47.22	84.45	121.68	158.90	20
Peru Municipal	51.34	96.10	139.25	182.41	10
Richmond Municipal	52.35	89.16	125.97	161.04	15
Tipton Municipal	47.16	88.32	127.19	166.06	17
<b>COOPERATIVE UTILITIES</b>					
Harrison County REMC	\$ 69.51	\$ 115.09	\$ 156.75	\$ 198.40	3
Jackson County REMC	65.51	113.02	160.53	208.04	5
Marshall County REMC	83.50	147.50	200.00	252.50	2
Northeastern REMC	66.25	114.06	161.86	204.16	4
<b>INVESTOR OWNED UTILITIES</b>					
Duke Energy Indiana	\$ 62.81	\$ 104.61	\$ 141.53	\$ 178.49	8
Indiana Michigan Power D/B/A AEP	45.72	84.65	123.57	162.50	19
Indianapolis Power & Light Co.	55.68	88.86	122.03	155.20	16
Northern Indiana Public Service Co.	58.56	110.37	162.17	213.98	7
So. Indiana Gas & Electric Co. D/B/A Vectren	83.05	155.10	227.15	299.20	1
*Overall Ranking based on Total Rate at 1000 kWh consumption.					

Table 2

**JURISDICTIONAL ELECTRIC UTILITY RESIDENTIAL CUSTOMER BILLS**  
**[July 1, 2011 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	\$ 83.05	\$ 155.10	\$ 227.15	\$ 299.20
2	Marshall County REMC	\$ 83.50	\$ 147.50	\$ 200.00	\$ 252.50
3	Harrison County REMC	\$ 69.51	\$ 115.09	\$ 156.75	\$ 198.40
4	Northeastern REMC	\$ 66.25	\$ 114.06	\$ 161.86	\$ 204.16
5	Jackson County REMC	\$ 65.51	\$ 113.02	\$ 160.53	\$ 208.04
6	Logansport Municipal	\$ 59.69	\$ 110.57	\$ 159.03	\$ 206.49
7	Northern Indiana Public Service Co.	\$ 58.56	\$ 110.37	\$ 162.17	\$ 213.98
8	Duke Energy Indiana	\$ 62.81	\$ 104.61	\$ 141.53	\$ 178.49
9	Columbia City Municipal	\$ 53.23	\$ 98.41	\$ 143.59	\$ 188.76
10	Peru Municipal	\$ 51.34	\$ 96.10	\$ 139.25	\$ 182.41
11	Kingsford Heights Municipal	\$ 49.16	\$ 94.82	\$ 140.48	\$ 186.13
12	Knightstown Municipal	\$ 49.43	\$ 94.25	\$ 134.77	\$ 175.29
13	Anderson Municipal	\$ 51.88	\$ 93.92	\$ 135.95	\$ 175.78
14	Crawfordsville Municipal	\$ 52.97	\$ 90.95	\$ 128.92	\$ 166.90
15	Richmond Municipal	\$ 52.35	\$ 89.16	\$ 125.97	\$ 161.04
16	Indianapolis Power & Light Co.	\$ 55.68	\$ 88.86	\$ 122.03	\$ 155.20
17	Tipton Municipal	\$ 47.16	\$ 88.32	\$ 127.19	\$ 166.06
18	Lebanon Municipal	\$ 47.48	\$ 88.18	\$ 125.09	\$ 161.99
19	Indiana Michigan Power D/B/A AEP	\$ 45.72	\$ 84.65	\$ 123.57	\$ 162.50
20	Mishawaka Municipal	\$ 47.22	\$ 84.45	\$ 121.68	\$ 158.90
21	Frankfort Municipal	\$ 46.53	\$ 82.79	\$ 119.04	\$ 151.00
22	Auburn Municipal	\$ 36.32	\$ 67.63	\$ 98.95	\$ 130.27
	Average	\$ 56.15	\$100.58	\$143.43	\$185.61
	2010 Survey	\$ 51.83	\$ 92.62	\$ 131.78	\$ 170.26
	% Change	8.34%	8.60%	8.84%	9.01%

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>2011</b>	<b>2010</b>	<b>% Change</b>
	Anderson Municipal	\$ 93.92	\$ 88.95	5.58%
	Auburn Municipal	\$ 67.63	\$ 58.59	15.44%
*	Columbia City Municipal	\$ 98.41	\$ 86.65	13.57%
*	Crawfordsville Municipal	\$ 90.95	\$ 81.29	11.89%
	Frankfort Municipal	\$ 82.79	\$ 77.97	6.18%
	Kingsford Heights Municipal	\$ 94.82	\$ 98.68	-3.91%
	Knightstown Municipal	\$ 94.25	\$ 85.43	10.32%
	Lebanon Municipal	\$ 88.18	\$ 84.52	4.33%
	Logansport Municipal	\$ 110.57	\$ 90.09	22.73%
	Mishawaka Municipal	\$ 84.45	\$ 83.18	1.52%
	Peru Municipal	\$ 96.10	\$ 86.89	10.61%
	Richmond Municipal	\$ 89.16	\$ 84.43	5.60%
	Tipton Municipal	\$ 88.32	\$ 82.78	6.69%
<b>Muni Averages</b>		<b>90.73</b>	<b>83.80</b>	<b>8.27%</b>
<b>COOPERATIVE UTILITIES</b>				
	Harrison County REMC	\$ 115.09	\$ 109.60	5.01%
*	Jackson County REMC	\$ 113.02	\$ 90.82	24.44%
	Marshall County REMC	\$ 147.50	\$ 133.10	10.82%
	Northeastern REMC	\$ 114.06	\$ 112.93	1.00%
<b>Co-op Averages</b>		<b>122.42</b>	<b>111.61</b>	<b>9.68%</b>
<b>INVESTOR OWNED UTILITIES</b>				
	Duke Energy Indiana	\$ 104.61	\$ 96.33	8.60%
	Indiana Michigan Power D/B/A AEP	\$ 84.65	\$ 81.45	3.93%
	Indianapolis Power & Light Co.	\$ 88.86	\$ 85.75	3.62%
	Northern Indiana Public Service Co.	\$ 110.37	\$ 105.55	4.56%
*	So. Indiana Gas & Electric Co. D/B/A Vectren	\$ 155.10	\$ 132.65	16.92%
<b>IOU Averages</b>		<b>108.72</b>	<b>100.35</b>	<b>8.34%</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>2011</b>	<b>2010</b>	<b>Change</b>
Anderson Municipal	\$25.64	\$20.67	\$4.97
Auburn Municipal	24.05	15.00	9.05
* Columbia City Municipal	4.70	25.94	(21.23)
* Crawfordsville Municipal	(0.12)	16.58	(16.70)
Frankfort Municipal	26.43	21.61	4.82
Kingsford Heights Municipal	27.42	31.28	(3.86)
Knightstown Municipal	29.24	20.42	8.82
Lebanon Municipal	23.71	20.05	3.66
Logansport Municipal	45.12	24.64	20.48
Mishawaka Municipal	25.10	23.83	1.26
Peru Municipal	21.59	12.37	9.22
Richmond Municipal	24.53	19.80	4.73
Tipton Municipal	22.68	17.14	5.54

\* 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**

	2011	2010	Change
	\$	\$	\$
<b>Indiana Michigan Power D/B/A AEP</b>			
FAC	4.38	3.76	0.61
DSM	2.57	0.51	2.06
Off-System Sales Sharing	1.18	0.00	1.18
RTO	0.75	1.85	(1.10)
QPCP & QPCP O&M	0.60	0.13	0.48
EA	0.88	0.90	(0.02)
Merger Savings (Settlement)	0.00	0.00	0.00
Total	10.35	7.15	3.20
<b>Indianapolis Power &amp; Light Co.</b>			
FAC	14.62	10.76	3.86
Voluntary Credit applied via FAC	0.00	0.00	0.00
QPCP & QPCP O&M	6.57	6.81	(0.23)
DSM	0.89	1.35	(0.45)
ACLM	0.27	0.34	(0.07)
Total	22.36	19.25	3.10
<b>Northern Indiana Public Service Co.</b>			
FAC	7.84	3.49	4.35
QPCP	1.97	3.08	(1.11)
QPCP O&M	2.06	1.67	0.39
Customer Credit (Settlement)	(4.92)	(6.11)	1.19
Total	6.94	2.13	4.81
<b>Duke Energy Indiana</b>			
FAC	14.21	10.18	4.03
QPCP	4.16	3.96	0.20
QPCP O&M	3.91	4.19	(0.28)
EA	0.32	1.04	(0.72)
DSM	1.79	(0.65)	2.44
MISO	0.62	0.68	(0.06)
IGCC	4.55	2.01	2.54
Summer Reliability	0.35	0.33	0.02
Amortization Phase Out	(0.50)	(0.61)	0.11
Total	29.41	21.13	8.28
<b>* So. Indiana Gas &amp; Electric Co. D/B/A Vectren</b>			
FAC	0.06	8.46	(8.40)
QPCP	0.00	3.47	(3.47)
QPCP O&M	0.00	3.12	(3.12)
MISO	1.54	(0.43)	1.97
Reliability (RCRA)	(0.25)	(1.68)	1.43
DSM	1.16	0.28	0.88
BLGA	0.00	0.52	(0.52)
Total	2.51	13.75	(11.24)

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

BLGA = Blackfoot Landfill Gas Adjustment

\* 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, 2011 Billing**

	<b>Base</b>	<b>Variable</b>	<b>Total</b>	<b>Base Rate Case Year</b>
	\$	\$	\$	
Indiana Michigan Power D/B/A AEP	74.30	10.35	84.65	2009
Indianapolis Power & Light Co.	66.50	22.36	88.86	1995
Northern Indiana Public Service Co.	98.50	11.86	110.37	1987
Duke Energy Indiana	74.70	29.91	104.61	2004
So. Indiana Gas & Electric Co. D/B/A Vectren	152.59	2.51	155.10	2011

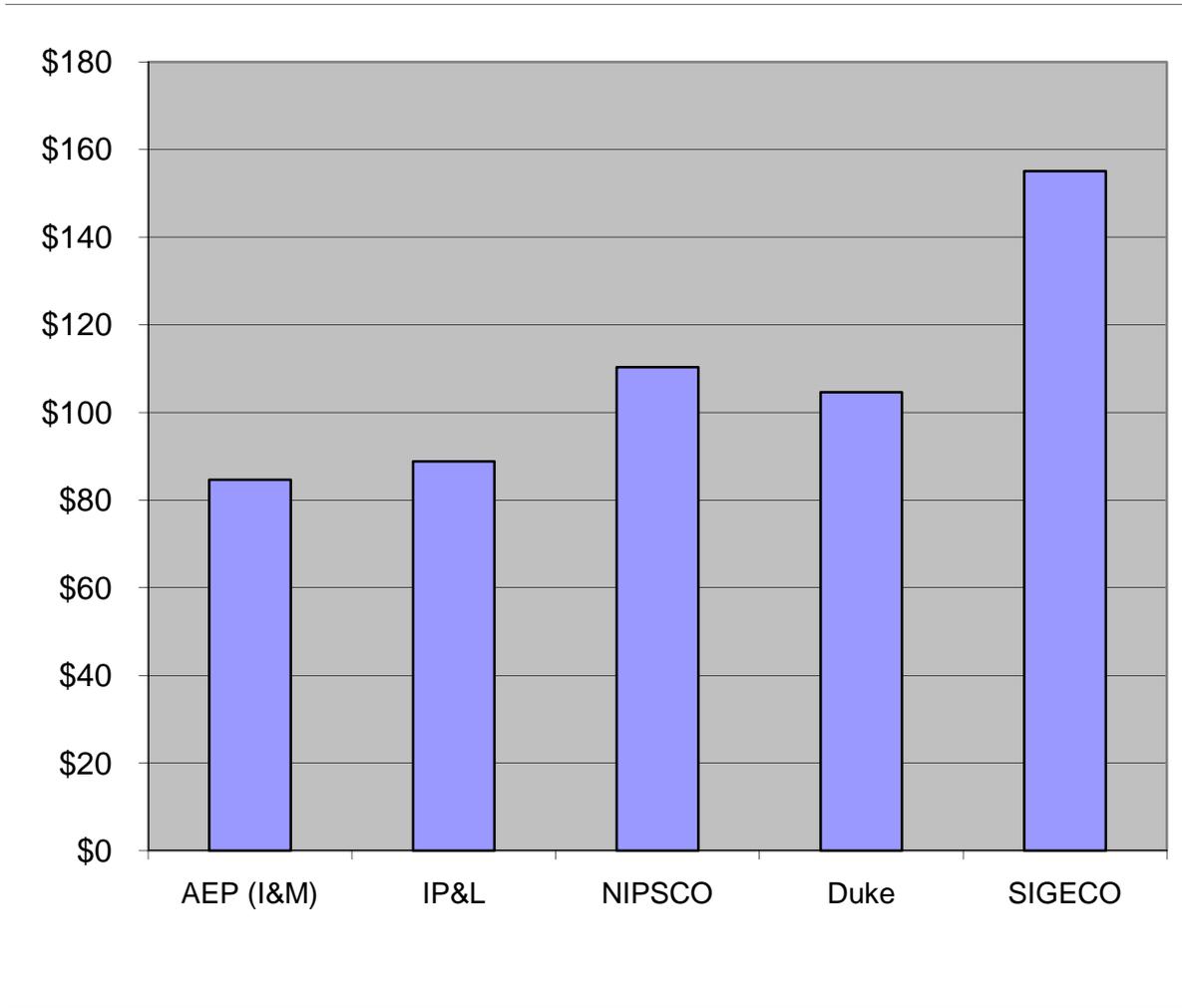
Notes:

Northern Indiana Public Service Co. Base amount includes a \$4.92 credit applied through the FAC

Duke Energy Indiana Base amount includes a \$0.50 amortization removal credit

**Figure 1**

**Comparison of Investor Owned Utilities  
Residential Electric Bills at 1,000 kWh  
July 1, 2011**

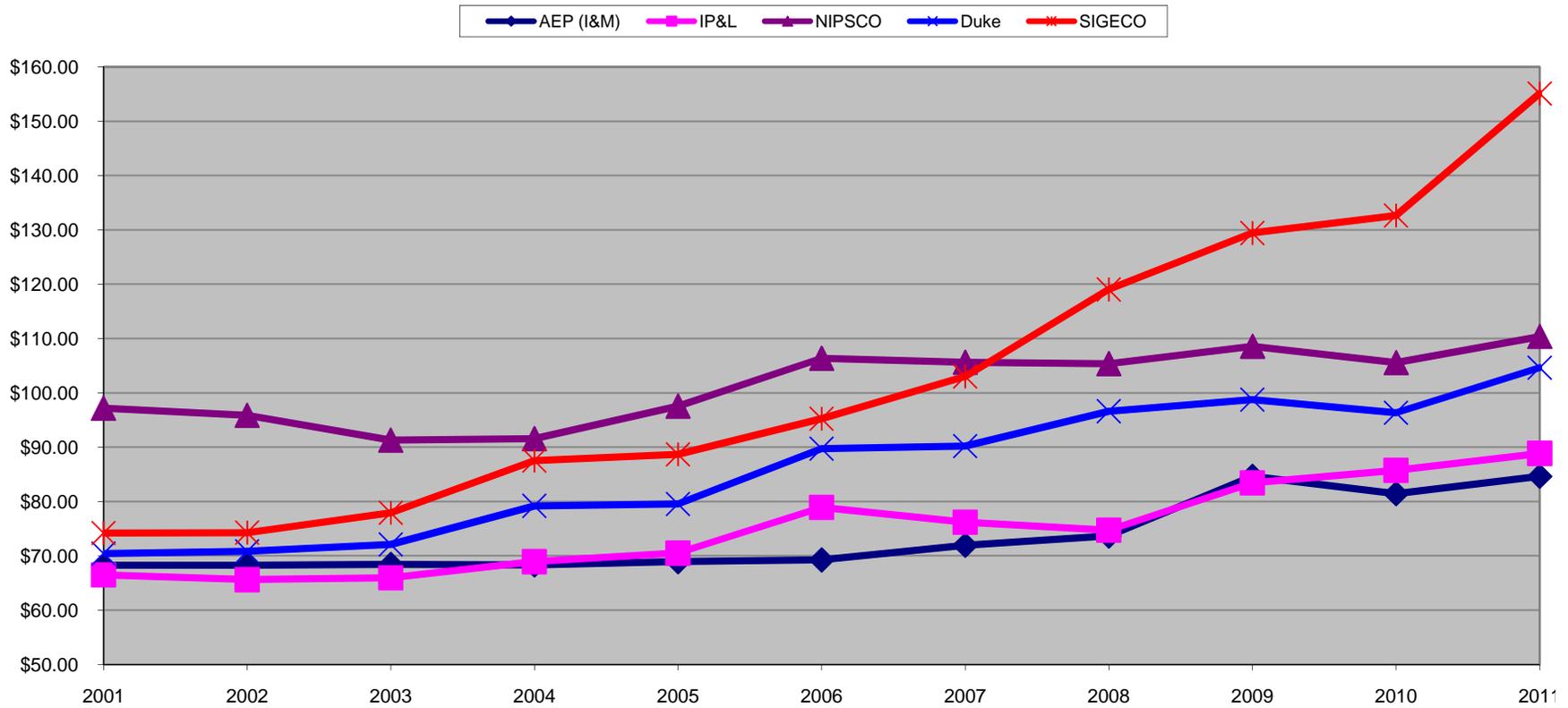


	<b>1,000 kWh</b>	<b>Overall Ranking*</b>
Indiana Michigan Power D/B/A AEP	\$ 84.65	19
Indianapolis Power & Light Co.	\$ 88.86	16
Northern Indiana Public Service Co.	\$ 110.37	7
Duke Energy Indiana	\$ 104.61	8
So. Indiana Gas & Electric Co. D/B/A Vectren	\$ 155.10	1

\*Overall Ranking based on evaluation of 22 utilities.

**Figure 2**

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



Utility		Change			
		5 Years		10 Years	
American Electric Power Co. (I&M)	AEP (I&M)	\$15.39	22.2%	\$16.41	24.0%
Indianapolis Power & Light	IP&L	\$9.95	12.6%	\$22.36	33.6%
Northern Indiana Public Service Co.	NIPSCO	\$4.02	3.8%	\$13.21	13.6%
Duke Energy Indiana	Duke	\$14.88	16.6%	\$34.18	48.5%
Southern Indiana Gas & Electric Co.	SIGECO	\$59.85	62.8%	\$80.91	109.0%