

2021 Residential Bill Survey

Rate Jurisdictional Electric Utilities

July 1, 2021 Billing

Commission Staff presents a survey of Indiana regulated electric utility billings for residential customers annually. The survey presents rates at a snapshot in time, namely July 1st of each year. The survey includes five investor-owned utilities and eight municipal utilities¹.

Commission Staff presents the results in various ways to improve the transparency of the data collected. All rates included in this survey are approved by the Commission and applicable on customers bills issued July 1, 2021. The initial tables show alphabetically the July 1, 2021 bill applicable to simple tariff residential customers at 500, 1000, 1500, and 2000 kWh monthly consumption levels. The initial table also shows the ranking at 1000 kWh cost, lowest 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 2021 is compared to 2020 in Table 4. The investor-owned group employs a variety of tracking mechanisms for which the 2021 and 2020 charges are listed for comparison. Table 6 is included to disaggregate the base rate and tracker 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.

Table/Figure List

Table 1	Jurisdictional Electric Utility Residential Customer Bill Survey: By Type and Utility Name Alphabetically
Table 2	Jurisdictional Electric Utility Residential Customer Bills: Ranking at 1000 kWh
Table 3	Jurisdictional Electric Utility Residential Customer Bill: 2021 vs. 2020 Comparison
Table 4	Jurisdictional Municipal Electric Utility Residential Customer Bills: Fuel/Power Cost Tracker 2021 vs. 2020 Comparison
Table 5	Investor-owned Electric Utility Residential Customer Bills: Rate Tracker 2021 vs. 2020 Comparison
Table 6	Investor-owned Electric Utility Residential Customer Bills: Base and Variable Cost Components
Table 7	10-year Residential Bill Change (2012 – 2021)
Figure 1	Electric Utility Residential Customer Bills: 1000 kWh Consumption (2012 – 2021)

¹ We note that 68 municipal and 42 co-operative electricity providers within the state are excluded as non-jurisdictional.

Table 1

JURISDICTIONAL ELECTRIC UTILITY RESIDENTIAL CUSTOMER BILL SURVEY
[July 1, 2021 Billing] By Utility Name and Type

MUNICIPAL UTILITIES	kWh Consumption				Overall Ranking*
	500	1000	1500	2000	
Anderson Municipal	\$ 67.14	\$ 114.57	\$ 162.00	\$ 209.43	7
Auburn Municipal	\$ 59.10	\$ 111.20	\$ 163.30	\$ 215.39	6
Crawfordsville Municipal	\$ 65.91	\$ 116.82	\$ 167.73	\$ 218.64	8
Frankfort Municipal	\$ 56.35	\$ 104.70	\$ 153.05	\$ 201.40	3
Kingsford Heights Municipal	\$ 53.08	\$ 102.65	\$ 152.23	\$ 201.80	2
Lebanon Municipal	\$ 60.14	\$ 110.52	\$ 157.09	\$ 203.66	5
Richmond Municipal	\$ 61.31	\$ 109.24	\$ 157.17	\$ 201.35	4
Tipton Municipal	\$ 52.82	\$ 99.66	\$ 144.20	\$ 188.73	1
INVESTOR OWNED UTILITIES					
AES Indiana	\$ 70.89	\$ 116.92	\$ 162.95	\$ 208.99	9
CenterPoint Energy Indiana	\$ 89.10	\$ 163.20	\$ 237.29	\$ 311.39	13
Duke Energy Indiana	\$ 76.08	\$ 129.45	\$ 177.75	\$ 226.04	10
Indiana Michigan Power D/B/A AEP	\$ 83.10	\$ 150.53	\$ 215.26	\$ 280.00	11
Northern Indiana Public Service Co.	\$ 85.35	\$ 157.01	\$ 228.67	\$ 300.32	12

*Overall Ranking (lowest to highest) based on Total Rate at 1000 kWh consumption.

Table 2

JURISDICTIONAL ELECTRIC UTILITY RESIDENTIAL CUSTOMER BILLS

[July 1, 2021 Billing]

Overall Ranking for 1,000 kWh of Consumption

	NAME	500 kWh	<-----kWh Consumption----->		
			1000 kWh	1500 kWh	2000 kWh
1	Tipton Municipal	\$ 52.82	\$ 99.66	\$ 144.20	\$ 188.73
2	Kingsford Heights Municipal	\$ 53.08	\$ 102.65	\$ 152.23	\$ 201.80
3	Frankfort Municipal	\$ 56.35	\$ 104.70	\$ 153.05	\$ 201.40
4	Richmond Municipal	\$ 61.31	\$ 109.24	\$ 157.17	\$ 201.35
5	Lebanon Municipal	\$ 60.14	\$ 110.52	\$ 157.09	\$ 203.66
6	Auburn Municipal	\$ 59.10	\$ 111.20	\$ 163.30	\$ 215.39
7	Anderson Municipal	\$ 67.14	\$ 114.57	\$ 162.00	\$ 209.43
8	Crawfordsville Municipal	\$ 65.91	\$ 116.82	\$ 167.73	\$ 218.64
9	AES Indiana	\$ 70.89	\$ 116.92	\$ 162.95	\$ 208.99
10	Duke Energy Indiana	\$ 76.08	\$ 129.45	\$ 177.75	\$ 226.04
11	Indiana Michigan Power D/B/A AEP	\$ 83.10	\$ 150.53	\$ 215.26	\$ 280.00
12	Northern Indiana Public Service Co.	\$ 85.35	\$ 157.01	\$ 228.67	\$ 300.32
13	CenterPoint Energy Indiana	\$ 89.10	\$ 163.20	\$ 237.29	\$ 311.39
	Average	\$ 67.72	\$122.03	\$175.28	\$228.24
	2020 Survey	\$ 65.37	\$118.34	\$173.80	\$229.12
	% Change	3.60%	3.12%	0.85%	-0.38%

Table 3

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

MUNICIPAL UTILITIES	2021	2020	% Change
Anderson Municipal	\$ 114.57	\$ 114.78	-0.2%
Auburn Municipal	\$ 111.20	\$ 111.20	0.0%
* Crawfordsville Municipal	\$ 116.82	\$ 105.42	10.8%
Frankfort Municipal	\$ 104.70	\$ 100.14	4.6%
Kingsford Heights Municipal	\$ 102.65	\$ 102.65	0.0%
Lebanon Municipal	\$ 110.52	\$ 110.82	-0.3%
* Richmond Municipal	\$ 109.24	\$ 98.67	10.7%
Tipton Municipal	\$ 99.66	\$ 101.04	-1.4%
Muni Averages	\$ 108.67	\$ 105.59	2.9%
INVESTOR OWNED UTILITIES			
* AES Indiana	\$ 116.92	\$ 111.55	4.8%
CenterPoint Energy Indiana	\$ 163.20	\$ 156.75	4.1%
Duke Energy Indiana	\$ 129.45	\$ 119.61	8.2%
Indiana Michigan Power D/B/A AEP	\$ 150.53	\$ 153.34	-1.8%
Northern Indiana Public Service Co.	\$ 157.01	\$ 152.40	3.0%
IOU Averages	\$ 143.42	\$ 138.73	3.4%

* 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	2021	2020	Change
Anderson Municipal	\$ 10.59	\$ 10.79	-1.9%
Auburn Municipal	\$ 32.89	\$ 32.89	0.0%
* Crawfordsville Municipal	\$ 6.94	\$ (4.46)	-255.6%
Frankfort Municipal	\$ (2.32)	\$ (6.88)	-66.3%
Kingsford Heights Municipal	\$ 35.25	\$ 35.25	0.0%
Lebanon Municipal	\$ 10.05	\$ 10.35	-2.9%
* Richmond Municipal	\$ 2.26	\$ 34.04	-93.4%
Tipton Municipal	\$ 34.02	\$ 35.40	-3.9%

* 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

	2021 \$	2020 \$	Change \$
AES Indiana			
Demand Side Management	\$4.99	\$5.13	(\$0.14)
Capacity Adjustment	\$1.12	\$0.89	\$0.23
Regional Transmission Organization Adjustment	(\$0.25)	(\$0.10)	(\$0.15)
Off System Sales Margin Sharing Adjustment	\$1.01	\$1.33	(\$0.32)
Environmental Compliance Cost Recovery	\$0.19	(\$2.64)	\$2.83
Transmission, Distribution and Storage System Improvement Charge	\$0.44	\$0.00	\$0.44
Fuel Adjustment Charge	(\$6.18)	(\$8.67)	\$2.49
Total	\$1.31	(\$4.06)	\$5.37
CenterPoint Energy Indiana			
Demand Side Management Adjustment	\$8.76	\$8.22	\$0.54
MISO Cost and Revenue Adjustment	\$3.95	\$4.04	(\$0.09)
Environmental Cost Adjustment	\$6.44	\$3.17	\$3.27
Clean Energy Cost Adjustment	\$2.99	\$0.62	\$2.37
Reliability Cost and Revenue Adjustment	\$0.35	(\$0.38)	\$0.73
Transmission, Distribution and Storage System Improvement Charge	\$1.86	\$2.06	(\$0.20)
Fuel Adjustment Clause	(\$11.39)	(\$10.22)	(\$1.17)
Total	\$12.96	\$7.51	\$5.45
* Duke Energy Indiana			
Integrated Coal Gasification Combined Cycle Generating Facility Revenue Adjustment	\$0.00	\$14.28	(\$14.28)
Fuel Cost Adjustment	(\$0.67)	\$14.48	(\$15.15)
Environmental Compliance Operating Cost Adjustment	\$0.00	\$6.41	(\$6.41)
Energy Efficiency Revenue Adjustment	\$1.80	\$2.40	(\$0.60)
Midcontinent ISO Management Cost and Revenue Adjustment	(\$0.24)	\$3.80	(\$4.04)
Transmission and Distribution Infrastructure Improvement Cost Rate Adjustment	\$1.78	\$4.07	(\$2.29)
Environmental Compliance Investment Adjustment	(\$1.33)	\$2.89	(\$4.22)
Reliability Adjustment	\$1.25	\$0.58	\$0.67
Renewable Energy Project Revenue Adjustment	\$0.41	\$0.38	\$0.03
Federally Mandated Cost Rate Adjustment	\$0.09	\$0.15	(\$0.06)
Emission Allowance Adjustment	\$0.00	(\$0.01)	\$0.01
Credits to Remove Annual Amortization of Cinergy Merger Costs	(\$4.63)	(\$1.92)	(\$2.71)
Total	(\$1.54)	\$47.51	(\$49.05)
Indiana Michigan Power D/B/A AEP			
Off-System Sales Sharing / PJM Cost Rider	\$23.28	\$20.90	\$2.38
Demand-Side Management / Energy Efficiency Program Cost Rider	(\$2.03)	(\$0.36)	(\$1.67)
Life Cycle Management Rider	\$0.03	\$0.02	\$0.01
Depreciation Credit	\$0.00	\$0.00	\$0.00
Phase-In Rate Adjustment	(\$2.01)	(\$3.96)	\$1.95
Environmental Cost Rider	\$0.53	\$0.89	(\$0.37)
Resource Adequacy Rider	(\$0.25)	(\$2.22)	\$1.97
Fuel Cost Adjustment Rider	\$1.83	(\$2.56)	\$4.39
Total	\$21.38	\$12.71	\$8.67
Northern Indiana Public Service Co.			
Demand Side Management Adjustment Mechanism Factor	\$6.33	\$5.64	\$0.69
Transmission, Distribution and Storage System Improvement Charge	\$3.72	\$1.09	\$2.63
Resource Adequacy Adjustment Factor	\$0.31	\$4.11	(\$3.80)
Environmental Cost Recovery Mechanism Factor	\$0.00	\$0.00	\$0.00
Federally Mandated Cost Adjustment Factor	\$0.00	\$0.29	(\$0.29)
Resource Transmission Organization Adjustment Factor	\$3.77	\$2.62	\$1.15
Utility Receipts Tax	\$2.17	\$2.10	\$0.07
Fuel Cost Adjustment	\$3.07	(\$1.09)	\$4.16
Total	\$19.37	\$14.76	\$4.61

* 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, 2021 Billing**

	Base	Variable	Total	Base Rate Case Year
AES Indiana	\$ 115.61	\$ 1.31	\$ 116.92	2018
CenterPoint Energy Indiana	\$ 150.24	\$ 12.96	\$ 163.20	2011
* Duke Energy Indiana	\$ 130.99	\$ (1.54)	\$ 129.45	2020
Indiana Michigan Power D/B/A AEP	\$ 129.15	\$ 21.38	\$ 150.53	2020
Northern Indiana Public Service Co.	\$ 137.64	\$ 19.37	\$ 157.01	2019

* Implemented new base rates in the past year.

Table 7

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

	2012	2021	Change	%Change
Auburn Municipal	\$ 69.58	\$ 111.20	\$ 41.62	60%
AEP (I&M)	\$ 85.41	\$ 150.53	\$ 65.11	76%
Frankfort Municipal	\$ 86.64	\$ 104.70	\$ 18.06	21%
Lebanon Municipal	\$ 89.54	\$ 110.52	\$ 20.97	23%
CenterPoint Energy Indiana	\$ 149.28	\$ 163.20	\$ 13.92	9%
Anderson Municipal	\$ 98.10	\$ 114.57	\$ 16.47	17%
AES Indiana	\$ 94.73	\$ 116.92	\$ 22.20	23%
Crawfordsville Municipal	\$ 96.51	\$ 116.82	\$ 20.31	21%
Tipton Municipal	\$ 90.92	\$ 99.66	\$ 8.74	10%
Duke Energy Indiana	\$ 105.38	\$ 129.45	\$ 24.07	23%
Kingsford Heights Municipal	\$ 96.10	\$ 102.65	\$ 6.55	7%
NIPSCO	\$ 115.17	\$ 157.01	\$ 41.84	36%
Richmond Municipal	\$ 104.88	\$ 109.24	\$ 4.36	4%

Figure 1

