

Industrial Electric Rates (¢/kWh) for Investor Owned Utilities
50,000 kW Demand and 32,500,000 kWh Consumption

Line	Utility	State	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009
1	MidAmerican Energy	Illinois	4.92	4.67	5.68	4.83	4.64	4.59	3.98	3.78	3.53	3.48	3.44
2	Average for Illinois¹		4.92	4.67	5.68	4.83	4.64	4.59	3.98	3.78	3.53	3.48	3.44
3	AEP (Indiana Michigan Power)	Indiana	6.11	6.14	5.82	5.59	5.51	5.24	4.85	4.70	4.68	4.77	4.46
4	Duke Energy Indiana	Indiana	7.16	6.54	6.60	6.00	6.51	7.08	6.42	5.91	5.65	5.13	5.23
5	Indianapolis Power & Light Company	Indiana	7.18	7.90	7.67	6.91	6.63	6.51	6.30	6.09	5.66	5.11	5.20
6	Northern Indiana Public Service Company	Indiana	6.82	6.95	7.17	6.38	6.92	6.65	6.45	5.67	7.38	6.70	7.07
7	Southern Indiana Gas & Electric Company	Indiana	7.60	7.73	7.56	7.42	7.60	7.42	7.27	7.75	7.66	7.25	6.68
8	Average for Indiana		6.90	6.89	6.87	6.30	6.54	6.54	6.18	5.80	6.04	5.58	5.64
9	Interstate Power & Light	Iowa	6.85	6.52	5.98	5.56	5.56	5.39	5.42	4.52	5.65	N/A	5.50
10	MidAmerican Energy	Iowa	4.89	4.78	4.63	4.48	4.29	4.06	4.06	3.75	3.70	3.67	3.63
11	Average for Iowa		5.55	5.33	5.13	4.89	4.80	4.61	4.64	4.08	4.55	3.67	4.50
12	Empire District Electric Company	Kansas	7.04	6.05	5.82	N/A	6.28	6.07	5.78	6.14	5.73	5.61	5.19
13	Kansas City Power & Light Company	Kansas	7.67	8.10	7.78	7.61	7.02	6.79	7.04	6.56	5.39	5.35	4.89
14	Westar Energy-KGE	Kansas	6.67	6.65	6.41	6.51	6.45	6.27	6.75	5.52	5.27	4.78	4.12
15	Westar Energy-KPL	Kansas	6.67	6.65	6.41	6.51	6.62	6.43	7.05	5.84	5.68	5.54	4.93
16	Average for Kansas		6.72	6.71	6.48	6.56	6.54	6.35	6.86	5.69	5.41	5.06	4.43
17	AEP (Indiana Michigan Power)	Michigan	6.06	6.96	6.15	5.99	5.96	5.63	6.06	5.67	4.86	4.43	3.92
18	Consumers Energy	Michigan	6.19	6.52	6.30	5.88	7.57	7.09	6.90	7.07	7.27	6.63	6.89
19	DTE Electric Company	Michigan	6.05	5.99	6.09	5.64	6.31	6.90	7.37	7.35	6.44	6.03	6.25
20	Northern States Power Company	Michigan	7.79	8.17	8.93	8.54	8.58	8.74	7.36	7.21	6.83	6.67	7.07
21	Upper Peninsula Power Company	Michigan	11.40	N/A	14.23	11.07	9.23	9.48	8.79	8.92	8.92	9.48	8.81
22	Upper Michigan Energy Resources-We Energies ⁶	Michigan	8.45	8.86	8.91	8.97	8.89	8.70	9.20	8.94	8.81	6.74	6.05
23	Upper Michigan Energy Resources-WPS ⁷	Michigan	6.61	6.81	6.72	6.27	6.50	6.28	6.60	6.66	6.39	6.22	6.73
24	Average for Michigan		6.24	6.40	6.51	6.12	6.92	6.99	7.15	7.20	6.82	6.30	6.47
25	Interstate Power & Light	Minnesota	N/A	N/A	N/A	N/A	6.59	6.24	6.36	7.21	6.77	N/A	5.90
26	Minnesota Power Company	Minnesota	6.82	7.44	7.47	6.57	6.09	5.93	5.50	5.55	5.94	5.66	5.35
27	Northern States Power Company	Minnesota	7.96	7.81	7.53	7.48	7.27	7.58	7.35	6.76	6.61	6.46	5.94
28	Otter Tail Power Company	Minnesota	7.93	7.15	7.53	6.90	6.78	6.31	6.17	6.47	6.24	5.58	5.72
29	Average for Minnesota		7.49	7.59	7.51	7.07	6.73	6.78	6.48	6.27	6.33	6.13	5.74
30	AmerenUE	Missouri	5.47	5.75	5.61	5.79	5.69	5.47	5.16	4.81	4.74	4.08	3.74
31	Empire District Electric Company	Missouri	6.98	7.48	6.86	N/A	6.80	6.81	6.41	6.52	6.32	5.42	5.33
32	Kansas City Power & Light - GMO ⁵	Missouri	6.28	7.00	6.07								
33	Kansas City Power & Light - L&P	Missouri	N/A	N/A	N/A	6.98	7.03	6.89	6.55	6.39	5.47	5.36	4.38
34	Kansas City Power & Light - MPS	Missouri	N/A	N/A	N/A	6.12	6.00	5.80	5.54	5.72	5.23	7.51	6.54
35	Kansas City Power & Light Company	Missouri	6.87	7.46	7.40	6.61	5.79	5.50	5.12	4.89	4.75	4.67	4.09
36	Average for Missouri		6.01	6.45	6.14	6.00	5.87	5.65	5.33	5.06	4.91	4.55	4.08
37	Montana-Dakota Utilities Company	North Dakota	7.84	7.80	7.96	6.73	6.81	6.68	6.18	6.29	6.24	5.55	5.64
38	Northern States Power Company	North Dakota	7.12	6.97	7.09	6.71	7.00	6.62	6.20	5.94	5.62	5.38	5.31
39	Otter Tail Power Company	North Dakota	6.93	6.82	6.47	6.25	6.17	6.17	5.76	6.26	5.58	5.54	5.48
40	Average for North Dakota		7.43	7.33	7.30	6.56	6.59	6.47	6.02	6.22	5.90	5.51	5.52
41	AEP (Columbus Southern Power Rate Area)	Ohio	6.09	5.65	5.69	5.67	6.77	6.12	5.70	5.02	5.28	4.87	4.60
42	AEP (Ohio Power Rate Area)	Ohio	6.26	6.16	6.34	6.17	7.17	6.65	6.26	5.15	4.54	4.17	3.98
43	Cleveland Electric Illuminating Company	Ohio	5.79	5.66	5.84	6.42	7.05	6.38	5.81	5.94	6.08	7.27	7.11
44	Dayton Power & Light Company	Ohio	6.92	6.52	6.90	8.00	7.53	7.46	6.85	6.90	6.51	5.67	4.91
45	Duke Energy Ohio	Ohio	5.27	5.45	5.86	6.05	5.89	5.96	5.82	6.53	7.23	7.88	6.42
46	Ohio Edison Company	Ohio	5.75	5.89	5.89	6.31	6.68	6.29	5.95	6.00	6.20	6.31	6.70
47	Toledo Edison Company	Ohio	5.87	6.09	6.01	6.48	6.82	6.39	5.78	5.87	5.95	6.09	7.55
48	Average for Ohio		6.05	5.96	6.09	6.40	6.96	6.48	6.04	5.40	5.30	5.69	5.67
49	Black Hills Power	South Dakota	6.87	5.17	5.31	5.12	6.17	6.15	5.78	5.74	5.65	5.19	4.79
50	MidAmerican Energy	South Dakota	3.43	2.94	2.81	3.23	3.72	3.67	3.70	3.36	3.83	3.72	3.71
51	Montana-Dakota Utilities Company	South Dakota	7.39	6.85	6.77	6.71	5.84	5.67	5.82	5.71	5.58	5.59	5.62
52	Northern States Power Company	South Dakota	6.83	8.11	7.35	7.68	7.80	7.24	7.24	6.19	5.63	5.79	5.32
53	Northwestern Energy	South Dakota	5.66	6.09	5.86	5.68	5.98	5.39	5.16	5.19	4.89	4.69	4.63
54	Otter Tail Power Company	South Dakota	6.14	6.11	5.92	6.01	5.93	5.41	5.11	5.08	5.00	5.53	5.21
55	Average for South Dakota		6.10	6.24	5.96	6.03	6.28	5.89	5.70	5.37	5.16	5.17	4.90
56	Madison Gas & Electric Company	Wisconsin	8.67	8.78	8.82	8.74	8.99	8.53	8.53	8.37	5.87	4.78	4.59
57	Northern States Power Company	Wisconsin	6.31	6.58	6.74	6.56	6.67	6.53	6.43	6.18	5.98	5.83	5.87
58	We Energies (formerly Wisconsin Electric)	Wisconsin	8.27	8.12	8.21	8.36	8.43	8.22	8.11	7.95	7.85	6.72	6.61
59	Wisconsin Public Service Corporation	Wisconsin	6.02	6.27	6.26	6.30	6.31	6.14	6.18	6.18	5.97	5.76	5.90
60	Wisconsin Power & Light	Wisconsin	6.74	6.85	6.66	6.97	6.39	6.27	6.07	6.36	6.32	6.32	6.02
61	Average for Wisconsin		7.15	7.21	7.22	7.36	7.28	7.11	7.03	7.00	6.85	6.29	6.22
62	Midwest Average²		6.58	6.63	6.58	6.31	6.47	6.38					
63	U.S. Average³		6.65 ³	6.61 ³	6.47 ³	6.31 ³	6.72 ⁴	6.56 ³					

Note: Weighting = 4 Summer Months and 8 Winter Months

- 1) Excludes utilities with open access
- 2) Data not available for Nebraska
- 3) Data not available for Nebraska, District of Columbia, or Alaska
- 4) Data not available for Nebraska, Delaware, District of Columbia, or Alaska
- 5) Missouri: Kansas City Power & Light - L&P and MPS - have been combined into Kansas City Power & Light - GMO
- 6) Formerly known as We Energies. The change became effective January 1, 2017.
- 7) Formerly known as Wisconsin Public Service Corporation. The change became effective January 1, 2017.

This report was prepared by Brubaker & Associates, Inc. using Edison Electric Institute Typical Bills and Average Rates Reports