

# Update on Regional Competitiveness of Kansas Electric Rates

Senate Utilities Committee

January 25, 2024

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# Focus of My Presentation:

1. Updated Kansas Electricity Rates Data (2022) and Preliminary Data through Oct. 2023
2. Regional Rate Comparisons

# Regional Rate Comparisons—Based on Stakeholder Agreement

- Regional electricity rate comparison will be based on the following nine states, plus Kansas: Colorado, Missouri, Oklahoma, Arkansas, Iowa, Minnesota, North Dakota, South Dakota, and Texas.
- All of the data will be sourced from the Energy Information Administration (EIA). Specifically, Tables 6, 7, and 8—released around October of every year for the previous year’s data.
- The regional electricity rate comparison would consist of the following:
  - The average residential, industrial, and commercial electricity rate for each Investor Owned Utility (IOU) operating in these states, as reported by the EIA.
  - The average monthly electric bill for residential customers for each IOU operating in these states, as reported by the EIA.
  - The statewide average electricity rate for cooperative utilities in each of the states, presented for residential, commercial, and industrial customers as reported by the EIA.
  - The statewide average electricity rate for municipal utilities in each of the states, presented for residential, commercial, and industrial customers as reported by the EIA.
  - The statewide average electricity rate for all consumers across all utility types for each state.

# 2022 Update on Kansas Electric Rates

- In 2022, the most updated annual data we have from EIA, Average Electricity Rates in Kansas grew by 9.55% year-over-year.
- 2022 Electric Rates were heavily influenced by higher fuel prices in the aftermath of Winter Storm Uri and the Russian invasion into Ukraine.

Average Electric Rate (Cents/kWh) by State, All Sectors (2018-2022)						2022/2021	2022/2018
	2018	2019	2020	2021	2022	Change	Change
U.S. Average	10.53	10.54	10.59	11.1	12.36	11.35%	17.38%
Minnesota	10.37	10.33	10.57	11.08	12.04	8.66%	16.10%
Colorado	10.02	10.17	10.27	10.9	11.75	7.80%	17.27%
<b>Kansas</b>	<b>10.72</b>	<b>10.26</b>	<b>10.38</b>	<b>10.47</b>	<b>11.47</b>	<b>9.55%</b>	<b>7.00%</b>
South Dakota	9.97	9.96	10.06	10.43	10.44	0.10%	4.71%
Missouri	9.93	9.68	9.64	9.85	10.26	4.16%	3.32%
Texas	8.48	8.6	8.36	9.14	10.16	11.16%	19.81%
Iowa	8.92	9.08	8.97	9.13	9.57	4.82%	7.29%
Arkansas	7.78	8.22	8.32	9.1	9.91	8.90%	27.38%
North Dakota	8.91	8.85	8.53	8.65	8.42	-2.66%	-5.50%
Oklahoma	8.09	7.86	7.63	8.52	10.05	17.96%	24.23%
<b>Regional Peer Average</b>						<b>6.77%</b>	<b>12.73%</b>



# 2022 Update on Kansas Electric Rates (Industrial)<sup>6</sup>

- In 2022, Kansas' average electric rate for Industrial customers increased 12.47%.

2022 Average Rate per kWh- Industrial			
State	2021 Average Price (cents/kWh)	2022 Average Price (cents/kWh)	2022/2021 Change
Minnesota	8.29	9.25	11.58%
Colorado	8.01	8.63	7.74%
<b>U.S. Total</b>	<b>7.18</b>	<b>8.32</b>	<b>15.88%</b>
<b>Kansas</b>	<b>7.38</b>	<b>8.30</b>	<b>12.47%</b>
South Dakota	8.02	8.04	0.25%
Missouri	7.11	7.67	7.88%
Arkansas	6.57	7.38	12.33%
North Dakota	7.37	7.28	-1.22%
Texas	6.12	7.13	16.50%
Iowa	6.63	7.06	6.49%
Oklahoma	5.50	6.96	26.55%
<b>Regional Peer Average</b>	<b>7.07</b>	<b>7.71</b>	<b>9.79%</b>

# Oct. 2023 Update on Kansas Electric Rates

(Industrial)

- YTD October 2023, compared to 2022, Kansas' average electric rate for Industrial customers decreased 7.23%.

October 2023 Average Rate per kWh- Industrial			
State	2022 Average Price (cents/kWh)	Oct. 2023 Average Price (cents/kWh)	Oct. 2023/2022 Change
Minnesota	9.25	9.32	0.76%
Colorado	8.63	8.42	-2.43%
<b>U.S. Total</b>	<b>8.32</b>	<b>8.09</b>	<b>-2.76%</b>
South Dakota	8.04	8.08	0.50%
<b>Kansas</b>	<b>8.30</b>	<b>7.70</b>	<b>-7.23%</b>
Missouri	7.67	7.48	-2.48%
North Dakota	7.28	7.09	-2.61%
Arkansas	7.38	6.92	-6.23%
Texas	7.13	6.72	-5.75%
Iowa	7.06	6.20	-12.18%
Oklahoma	6.96	6.13	-11.93%
Regional Peer Average	7.71	7.37	-4.71%

# 2022 Update on Kansas Electric Rates (Residential)

- In 2022, Kansas' average electric rate for Residential Customers increased 7.77%

2022 Average Rate per kWh - Residential			
State	2021 Average Price (cents/kWh)	2022 Average Price (cents/kWh)	2022/2021 Change
<b>U.S. Total</b>	<b>13.66</b>	<b>15.04</b>	<b>10.12%</b>
Minnesota	13.50	14.25	5.55%
Colorado	13.07	14.19	8.55%
<b>Kansas</b>	<b>12.98</b>	<b>13.99</b>	<b>7.77%</b>
Texas	12.11	13.76	13.67%
Iowa	12.73	13.15	3.33%
Oklahoma	11.00	12.44	13.07%
South Dakota	12.22	12.09	-1.09%
Arkansas	11.27	12.05	6.94%
Missouri	11.41	11.74	2.85%
North Dakota	10.85	10.92	0.66%
Regional Peer Average	12.02	12.73	5.95%



# Oct. 2023 Update on Kansas Electric Rates

## (Residential)

- YTD Oct. 2023, Kansas' average electric rate for Residential Customers decreased by 1.93% compared to 2022.

October 2023 Average Rate per kWh - Residential			
State	2022 Average Price (cents/kWh)	Oct. 2023 Average Price (cents/kWh)	Oct. 2023/2022 Change
<b>U.S. Total</b>	<b>15.04</b>	<b>16.21</b>	<b>7.78%</b>
Minnesota	14.25	15.29	7.30%
Texas	13.76	14.71	6.90%
Colorado	14.19	14.54	2.47%
<b>Kansas</b>	<b>13.99</b>	<b>13.72</b>	<b>-1.93%</b>
Iowa	13.15	13.37	1.67%
Oklahoma	12.44	13.27	6.67%
South Dakota	12.09	12.99	7.44%
Arkansas	12.05	12.71	5.48%
Missouri	11.74	12.42	5.79%
North Dakota	10.92	11.66	6.78%
Regional Peer Average	12.73	13.44	5.61%

# Kansas Residential Monthly Bill Data

- In 2022, Kansas Residential Monthly Electric Bills increased 12.35%, from \$115.53/month to \$129.80/month. Average KS usage increased 4.26% from 2021.

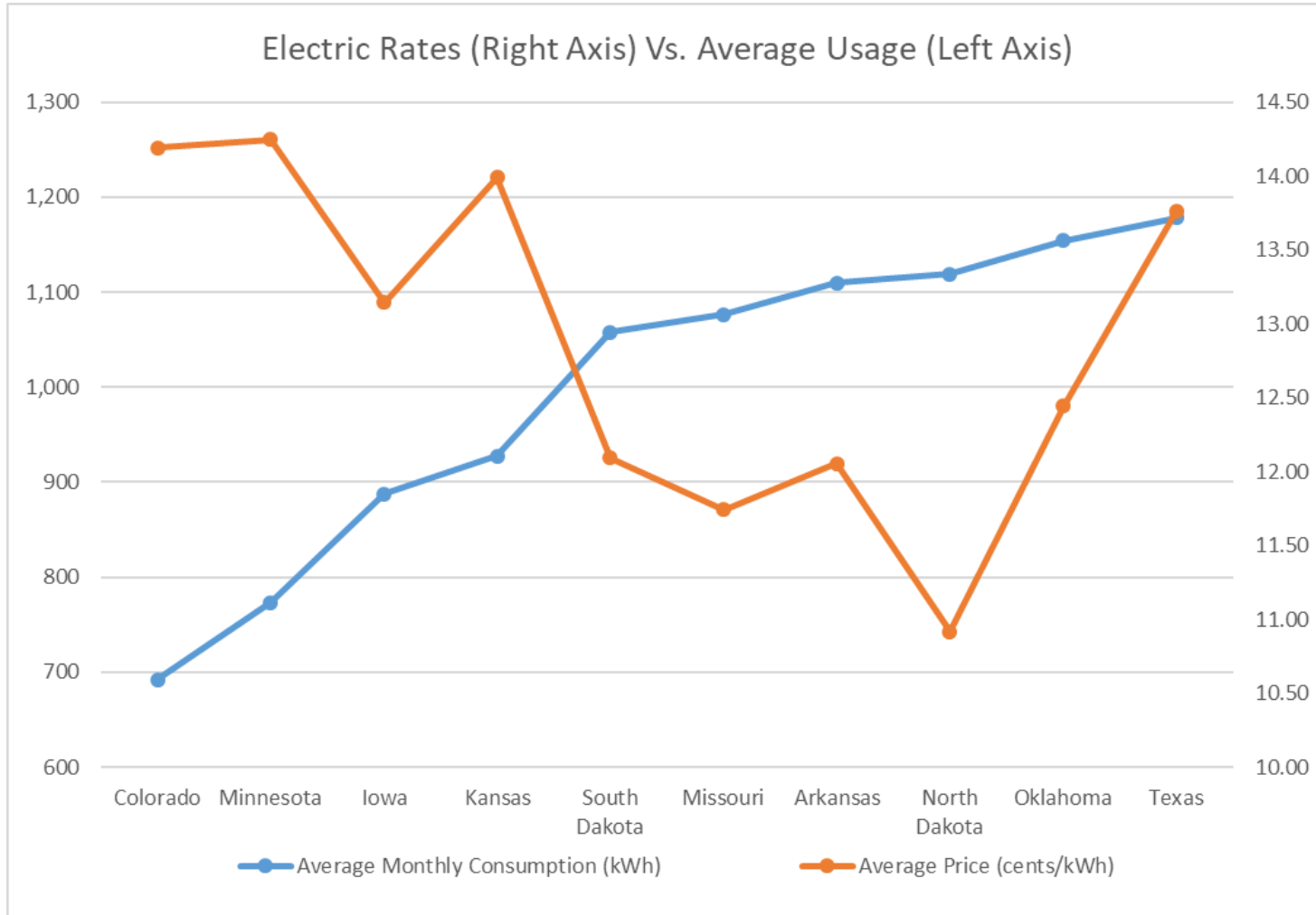
## 2022 Average Monthly Bill- Residential

(Data from forms EIA-861- schedules 4A-D, EIA-861S and EIA-861U)

State	Average Monthly Consumption (kWh)	Average Price (cents/kWh)	Average Monthly Bill (Dollar and cents)	Monthly Bill Rank
Texas	1,178	13.76	\$ 162.17	1
Oklahoma	1,155	12.44	\$ 143.65	2
Arkansas	1,110	12.05	\$ 133.78	3
<b>Kansas</b>	<b>928</b>	<b>13.99</b>	<b>\$ 129.80</b>	<b>4</b>
South Dakota	1,058	12.09	\$ 127.92	5
Missouri	1,077	11.74	\$ 126.46	6
North Dakota	1,119	10.92	\$ 122.20	7
Iowa	888	13.15	\$ 116.70	8
Minnesota	773	14.25	\$ 110.19	9
Colorado	692	14.19	\$ 98.18	10
U.S. Total	899	15.04	\$ 135.25	
Regional Peer Average	1,006	12.73	\$ 126.80	

# Kansas Residential Monthly Bill Data

- Same usage and average rate data as previous slide in graphical form.

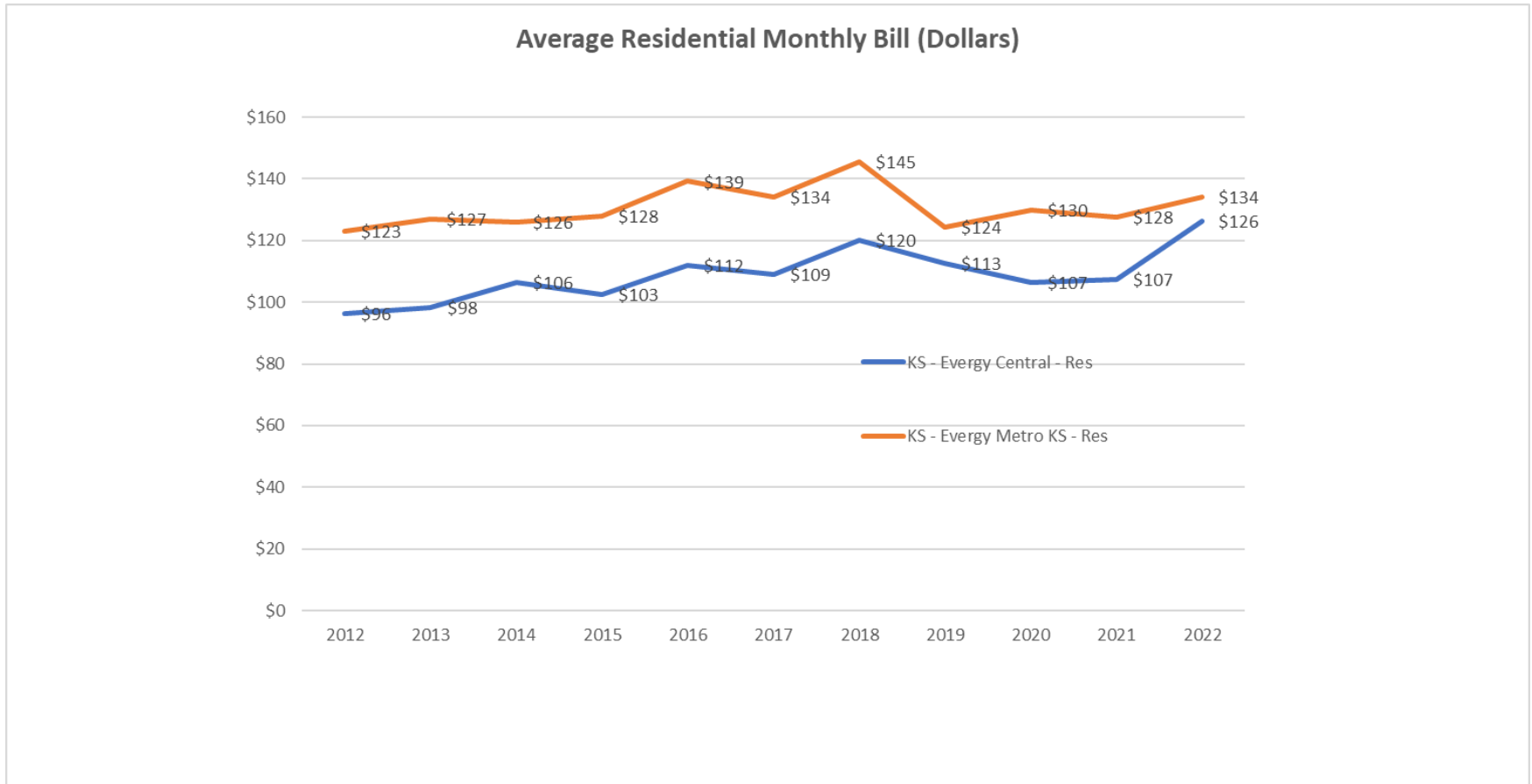


# Residential Monthly Bill Data— Evergy

<b>Evergy Residential Customer Average Monthly Bill</b>		
Year	Evergy Kansas Metro (KCP&L)	Evergy Kansas Central (Westar)
2012	\$ 123.04	\$ 99.00
2013	\$ 126.84	\$ 100.55
2014	\$ 125.84	\$ 108.94
2015	\$ 127.95	\$ 105.12
2016	\$ 139.16	\$ 114.02
2017	\$ 134.01	\$ 110.91
2018	\$ 145.39	\$ 120.84
2019	\$ 124.32	\$ 108.78
2020	\$ 129.92	\$ 108.02
2021	\$ 127.64	\$ 108.54
2022	\$ 134.09	\$ 129.17
10-YR CAGR	0.86%	2.70%
10-YR Growth	8.98%	30.48%

- Evergy's Monthly Bill data (from EIA) for residential customers shows that customer bills grew less than inflation until 2022, when fuel price inflation pushed Evergy rates and bills much higher.
- CPI increased by 29.27% during this same time frame.
- Evergy's preliminary bill data through October 2023 shows a 9.5% reduction for EKC compared to 2022--\$116.82. EKM preliminary data shows a 4.48% decline to \$128.08.

# Residential Monthly Bill Data— Eversource Kansas Metro and Eversource Kansas Central— 2012 to 2022



The average residential, industrial, and commercial electricity rate for each Investor Owned Utility operating in these states, as reported by the EIA.

### Full List Attached—For the Full Year 2022

#### Residential—

- Evergy Kansas Central (EKC) ranked 10<sup>th</sup> highest in rates, 14<sup>th</sup> highest in bills out of 38 utilities. Rates were 8.23% higher than average utility outside Kansas, Bills were 7.55% higher than average outside Kansas.
- Evergy Kansas Metro (EKM) ranked 11<sup>th</sup> highest in bills, 19<sup>th</sup> highest in rates out of 38 utilities. Rates were 0.52% lower, Bills were 11.66% higher than average outside Kansas.

#### Commercial—

- EKC ranked 15<sup>th</sup> in rates, 4.51% higher than average outside Kansas.
- EKM ranks 24<sup>th</sup> in rates, -3.58% lower than average outside Kansas.

#### Industrial—

- EKC ranked 19<sup>th</sup> in rates, 2.64% higher than average outside Kansas.
- EKM ranks 5<sup>th</sup> in rates, 22.09% higher than average outside Kansas.

The statewide average electricity rate for Cooperative Utilities in each of the states, presented for residential, commercial, and industrial customers as reported by the EIA.

<b>2022 Average Rate per kWh -Cooperatives</b>			
<b>State</b>	<b>Residential Average Price (cents/kWh)</b>	<b>Commercial Average Price (cents/kWh)</b>	<b>Industrial Average Price (cents/kWh)</b>
Kansas	15.13	13.04	9.57
Colorado	14.75	12.70	10.07
Texas	13.98	12.91	9.84
Minnesota	13.37	11.34	9.03
<b>U.S. Total</b>	<b>13.16</b>	<b>12.54</b>	<b>9.39</b>
Oklahoma	12.94	11.90	7.99
Arkansas	12.93	12.42	10.14
Iowa	12.64	10.78	7.75
South Dakota	12.10	11.25	8.43
Missouri	11.64	10.57	7.82
North Dakota	10.06	11.29	7.86
Avg. Outside Kansas	12.71	11.68	8.77

The statewide average electricity rate for Municipal Utilities in each of the states, presented for residential, commercial, and industrial customers are reported by the EIA.

<b>2022 Average Rate per kWh -Municipals</b>			
<b>State</b>	<b>Residential Average Price (cents/kWh)</b>	<b>Commercial Average Price (cents/kWh)</b>	<b>Industrial Average Price (cents/kWh)</b>
North Dakota	N/A	N/A	N/A
Oklahoma	13.78	12.54	9.22
Minnesota	13.51	11.87	9.47
<b>Kansas</b>	<b>13.29</b>	<b>11.36</b>	<b>7.65</b>
Iowa	12.85	10.02	8.32
<b>U.S. Total</b>	<b>12.67</b>	<b>11.95</b>	<b>8.92</b>
Texas	11.72	10.45	7.88
Colorado	11.70	10.52	8.25
Missouri	11.09	10.42	8.81
South Dakota	10.82	10.59	7.80
Arkansas	10.78	10.50	8.37
Avg. Outside Kansas	12.03	10.86	8.52



# Questions??



2022 Regional Residential Rate Comparison

Count	Entity	State	Ownership	Customers (Count)	Sales (Megawatthours)	Revenues (Thousands Dollars)	Average Price (cents/kWh)	Average Customer Bill
1	Entergy Texas Inc.	TX	Investor Owned	433,077	6,678,156	895,687.3	13.41	\$ 172.35
2	Empire District Electric Co	MO	Investor Owned	136,488	1,840,893	279,761.9	15.20	\$ 170.81
3	Empire District Electric Co	KS	Investor Owned	8,249	114,286	16,391.6	14.34	\$ 165.59
4	Southwestern Electric Power Co	TX	Investor Owned	154,733	2,293,022	294,361.7	12.84	\$ 158.53
5	Empire District Electric Co	OK	Investor Owned	3,807	53,985	6,695.6	12.40	\$ 146.56
6	Oklahoma Gas & Electric Co	OK	Investor Owned	696,033	9,617,975	1,215,869.7	12.64	\$ 145.57
7	Public Service Co of Oklahoma	OK	Investor Owned	491,335	6,618,175	815,819.9	12.33	\$ 138.37
8	Oklahoma Gas & Electric Co	AR	Investor Owned	57,451	774,073	94,570.6	12.22	\$ 137.18
9	Interstate Power and Light Co	IA	Investor Owned	412,497	3,792,663	673,265.0	17.75	\$ 136.01
10	Southwestern Public Service Co	TX	Investor Owned	219,033	2,627,405	353,165.8	13.44	\$ 134.37
11	Evergy Metro	KS	Investor Owned	239,597	2,967,054	385,528.5	12.99	\$ 134.09
12	Evergy Kansas South, Inc	KS	Investor Owned	295,902	3,330,071	469,849.7	14.11	\$ 132.32
13	Entergy Arkansas LLC	AR	Investor Owned	602,731	8,024,677	946,715.7	11.80	\$ 130.89
14	Combined Evergy Kansas Central (N&S)	KS	Investor Owned	634,334	6,953,949	\$983,047	14.14	\$ 129.14
15	Empire District Electric Co	AR	Investor Owned	4,508	52,903	6,938.9	13.12	\$ 128.27
16	Amana Society Service Co	IA	Investor Owned	709	7,253	1,088.0	15.00	\$ 127.88
17	Evergy Kansas Central, Inc	KS	Investor Owned	338,432	3,623,878	513,197.3	14.16	\$ 126.37
18	Otter Tail Power Co	SD	Investor Owned	8,972	121,912	13,472.0	11.05	\$ 125.13
19	Evergy Missouri West	MO	Investor Owned	299,085	3,807,533	447,318.8	11.75	\$ 124.64
20	Southwestern Electric Power Co	AR	Investor Owned	106,455	1,216,126	156,216.8	12.85	\$ 122.29
21	Union Electric Co - (MO)	MO	Investor Owned	1,082,243	13,885,428	1,575,282.2	11.34	\$ 121.30
22	Otter Tail Power Co	ND	Investor Owned	45,565	627,151	65,293.9	10.41	\$ 119.42
23	Black Hills Colorado Electric, LLC	CO	Investor Owned	88,112	634,576	123,042.0	19.39	\$ 116.37
24	NorthWestern Energy - (SD)	SD	Investor Owned	51,069	596,376	69,809.0	11.71	\$ 113.91
25	Black Hills Power, Inc.	SD	Investor Owned	58,892	573,621	79,824.0	13.92	\$ 112.95
26	Montana-Dakota Utilities Co	SD	Investor Owned	6,384	69,892	8,550.0	12.23	\$ 111.61
27	Evergy Metro	MO	Investor Owned	269,157	2,765,392	358,687.9	12.97	\$ 111.05
28	Otter Tail Power Co	MN	Investor Owned	49,840	560,184	65,179.0	11.64	\$ 108.98
29	Northern States Power Co - Minnesota	SD	Investor Owned	87,577	830,054	109,777.0	13.23	\$ 104.46
30	El Paso Electric Co	TX	Investor Owned	310,263	2,519,058	386,497.0	15.34	\$ 103.81
31	Northern States Power Co - Minnesota	ND	Investor Owned	82,122	796,023	\$100,519	12.63	\$ 102.00
32	Northern States Power Co - Minnesota	MN	Investor Owned	1,199,122	9,095,482	1,419,019.4	15.60	\$ 98.62
33	ALLETE, Inc.	MN	Investor Owned	125,243	1,053,658	145,676.9	13.83	\$ 96.93
34	MidAmerican Energy Co	IA	Investor Owned	618,886	6,292,473	692,489.1	11.01	\$ 93.24
35	Montana-Dakota Utilities Co	ND	Investor Owned	79,183	808,839	88,062.0	10.89	\$ 92.68
36	MidAmerican Energy Co	SD	Investor Owned	4,208	58,799	4,613.9	7.85	\$ 91.37
37	Public Service Co of Colorado	CO	Investor Owned	1,328,979	9,847,574	1,391,226.9	14.13	\$ 87.24
38	Northwestern Wisconsin Elec Co	MN	Investor Owned	85	525	79.5	15.14	\$ 77.94
						Average Outside Kansas	13.06	\$ 120.08
						% Evergy Kansas Central Over Median	8.23%	7.55%
						% Evergy Kansas Metro Over Average	-0.52%	11.66%

2022 Regional Industrial Rate Comparison

Count	Entity	State	Ownership	Customers (Count)	Sales (Megawatthours)	Revenues (Thousands Dollars)	Average Price (cents/kWh)
1	Black Hills Colorado Electric, LLC	CO	Investor Owned	53	388,303	\$44,325	11.42
2	Empire District Electric Co	KS	Investor Owned	43	60,363	\$6,498	10.76
3	Northern States Power Co - Minnesota	MN	Investor Owned	490	7,241,299	\$743,149	10.26
4	Amana Society Service Co	IA	Investor Owned	1	59,440	\$5,902	9.93
5	<b>Evergy Metro</b>	<b>KS</b>	<b>Investor Owned</b>	<b>854</b>	<b>255,804</b>	<b>\$24,985</b>	<b>9.77</b>
6	Empire District Electric Co	OK	Investor Owned	10	33,809	\$3,297	9.75
7	Otter Tail Power Co	ND	Investor Owned	2	3,925	\$381	9.70
8	Montana-Dakota Utilities Co	SD	Investor Owned	8	7,548	\$713	9.45
9	Empire District Electric Co	MO	Investor Owned	269	1,065,275	\$98,709	9.27
10	Northern States Power Co - Minnesota	ND	Investor Owned	24	350,501	\$32,366	9.23
11	Evergy Kansas Central, Inc	KS	Investor Owned	1,166	2,049,707	\$187,361	9.14
12	Black Hills Power, Inc.	SD	Investor Owned	6	201,145	\$18,278	9.09
13	ALLETE, Inc.	MN	Investor Owned	375	6,045,708	\$540,717	8.94
14	Northern States Power Co - Minnesota	SD	Investor Owned	26	380,262	\$33,655	8.85
15	Southwestern Electric Power Co	AR	Investor Owned	611	1,140,926	\$99,455	8.72
16	Empire District Electric Co	AR	Investor Owned	9	76,287	\$6,481	8.50
17	Interstate Power and Light Co	IA	Investor Owned	1,374	6,428,251	\$537,437	8.36
18	Oklahoma Gas & Electric Co	AR	Investor Owned	368	1,045,825	\$86,150	8.24
19	<b>Combined Evergy Kansas Central (N&amp;S)</b>	<b>KS</b>	<b>Investor Owned</b>	<b>4,359</b>	<b>5,658,287</b>	<b>\$464,652</b>	<b>8.21</b>
20	Public Service Co of Colorado	CO	Investor Owned	311	5,972,809	\$485,128	8.12
21	Southwestern Electric Power Co	TX	Investor Owned	4,108	2,842,329	\$229,768	8.08
22	Evergy Kansas South, Inc	KS	Investor Owned	3,193	3,608,580	\$277,291	7.68
23	NorthWestern Energy - (SD)	SD	Investor Owned	62	455,890	\$34,799	7.63
24	Montana-Dakota Utilities Co	ND	Investor Owned	88	289,552	\$21,218	7.33
25	El Paso Electric Co	TX	Investor Owned	41	997,619	\$72,065	7.22
26	Oklahoma Gas & Electric Co	OK	Investor Owned	8,920	7,592,560	\$546,824	7.20
27	Union Electric Co - (MO)	MO	Investor Owned	3,630	4,089,439	\$289,642	7.08
28	Evergy Metro	MO	Investor Owned	903	1,445,614	\$99,616	6.89
29	Entergy Texas Inc.	TX	Investor Owned	6,387	9,566,505	\$656,549	6.86
30	Evergy Missouri West	MO	Investor Owned	234	1,422,317	\$94,731	6.66
31	Entergy Arkansas LLC	AR	Investor Owned	23,691	8,485,598	\$559,145	6.59
32	MidAmerican Energy Co	IA	Investor Owned	1,577	15,729,635	\$999,021	6.35
33	Public Service Co of Oklahoma	OK	Investor Owned	6,400	6,073,176	\$372,385	6.13
34	Otter Tail Power Co	MN	Investor Owned	12	1,151,613	\$69,572	6.04
35	Southwestern Public Service Co	TX	Investor Owned	140	7,460,212	\$405,129	5.43
36	MidAmerican Energy Co	SD	Investor Owned	24	176,262	\$8,253	4.68
Average Outside Kansas							8.00
% Evergy Kansas Central Over Median							2.64%
% Evergy Kansas Metro Over Average							22.09%

## 2022 Regional Commercial Rate Comparison

Count	Entity	State	Ownership	Customers (Count)	Sales (Megawatthours)	Revenues (Thousands Dollars)	Average Price (cents/kWh)
1	Northwestern Wisconsin Elec Co	MN	Investor Owned	28	185	\$30	16.22
2	Black Hills Colorado Electric, LLC	CO	Investor Owned	12,258	870,831	\$125,753	14.44
3	Empire District Electric Co	KS	Investor Owned	1,460	58,691	\$8,411	14.33
4	Amana Society Service Co	IA	Investor Owned	179	9,231	\$1,283	13.90
5	ALLETE, Inc.	MN	Investor Owned	24,846	1,234,370	\$168,274	13.63
6	Interstate Power and Light Co	IA	Investor Owned	85,507	4,082,352	\$549,442	13.46
7	Northern States Power Co - Minnesota	MN	Investor Owned	143,021	12,638,135	\$1,675,273	13.26
8	Black Hills Power, Inc.	SD	Investor Owned	13,557	784,169	\$101,577	12.95
9	Empire District Electric Co	MO	Investor Owned	24,719	1,581,444	\$203,699	12.88
10	El Paso Electric Co	TX	Investor Owned	39,035	3,119,506	\$365,360	11.71
11	Evergy Kansas South, Inc	KS	Investor Owned	40,892	3,159,979	\$365,709	11.57
12	Empire District Electric Co	OK	Investor Owned	946	62,962	\$7,265	11.54
13	Public Service Co of Colorado	CO	Investor Owned	222,440	12,881,968	\$1,479,282	11.48
14	Northern States Power Co - Minnesota	ND	Investor Owned	13,317	1,033,842	\$118,660	11.48
15	Combined Evergy Kansas Central (N&S)	KS	Investor Owned	95,278	7,335,273	\$839,022	11.44
16	Evergy Kansas Central, Inc	KS	Investor Owned	54,386	4,175,294	\$473,313	11.34
17	NorthWestern Energy - (SD)	SD	Investor Owned	13,255	677,313	\$76,135	11.24
18	Montana-Dakota Utilities Co	SD	Investor Owned	2,052	66,254	\$7,374	11.13
19	Oklahoma Gas & Electric Co	AR	Investor Owned	11,219	824,805	\$91,796	11.13
20	Southwestern Electric Power Co	TX	Investor Owned	31,278	2,166,424	\$237,253	10.95
21	Northern States Power Co - Minnesota	SD	Investor Owned	13,007	1,010,743	\$109,794	10.86
22	Empire District Electric Co	AR	Investor Owned	818	40,446	\$4,377	10.82
23	Southwestern Electric Power Co	AR	Investor Owned	18,926	1,323,352	\$141,154	10.67
24	Evergy Metro	KS	Investor Owned	31,314	3,265,656	\$344,606	10.55
25	Entergy Texas Inc.	TX	Investor Owned	54,128	5,020,891	\$522,543	10.41
26	Oklahoma Gas & Electric Co	OK	Investor Owned	110,789	10,084,665	\$1,036,210	10.28
27	Montana-Dakota Utilities Co	ND	Investor Owned	14,508	1,045,109	\$103,588	9.91
28	Otter Tail Power Co	MN	Investor Owned	13,154	1,047,325	\$103,106	9.84
29	Evergy Metro	MO	Investor Owned	33,474	4,267,292	\$418,208	9.80
30	Entergy Arkansas LLC	AR	Investor Owned	98,757	5,815,763	\$550,694	9.47
31	Southwestern Public Service Co	TX	Investor Owned	58,274	3,541,261	\$331,990	9.37
32	Evergy Missouri West	MO	Investor Owned	40,979	3,436,857	\$319,105	9.28
33	Public Service Co of Oklahoma	OK	Investor Owned	73,278	6,449,414	\$591,683	9.17
34	Union Electric Co - (MO)	MO	Investor Owned	164,241	13,868,142	\$1,233,844	8.90
35	MidAmerican Energy Co	IA	Investor Owned	99,312	5,001,796	\$438,458	8.77
36	Otter Tail Power Co	SD	Investor Owned	2,897	393,600	\$31,713	8.06
37	Otter Tail Power Co	ND	Investor Owned	13,680	1,686,658	\$121,889	7.23
38	MidAmerican Energy Co	SD	Investor Owned	980	60,800	\$4,216	6.93
						Average Outside Kansas	10.94
						% Evergy Kansas Central Over Average	4.51%
						% Evergy Kansas Metro Over Average	-3.58%

**Table 5.6.A. Average Price of Electricity to Ultimate Customers by End-Use Sector, by State, October 2023 and 2022 (Cents per Kilowatthour) (Sorted by All Sectors October 2023)**

Rank	Census Division and State	Residential		Commercial		Industrial		All Sectors	
		October 2023	October 2022	October 2023	October 2022	October 2023	October 2022	October 2023	October 2022
1	Hawaii	42.69	44.72	39.33	42.33	35.13	39.51	38.71	41.99
2	California	26.72	25.76	24.47	22.79	20.41	18.41	24.35	22.85
3	Rhode Island	31.78	24.60	19.82	16.37	18.84	17.28	24.34	19.48
4	Connecticut	28.95	24.98	19.84	18.05	15.56	14.39	23.11	20.47
5	Massachusetts	28.02	26.15	19.14	18.80	17.21	17.09	22.00	21.25
6	Maine	29.13	22.97	17.78	14.52	12.99	9.78	21.15	16.67
7	Alaska	23.98	23.66	20.70	20.50	17.97	18.67	21.12	21.10
8	New Hampshire	25.76	30.43	19.13	19.73	15.23	14.37	20.93	22.87
9	New York	22.70	23.26	18.82	18.92	6.46	7.44	18.69	18.86
10	Vermont	22.11	20.91	18.84	17.79	11.37	11.73	18.21	17.38
11	New Jersey	17.51	16.32	13.73	13.27	11.42	10.40	14.83	13.85
12	Maryland	18.40	15.84	12.55	13.59	10.29	10.00	14.74	14.24
13	Michigan	19.06	18.28	13.41	12.57	8.36	8.36	13.61	12.96
14	Florida	15.48	14.19	11.82	11.46	9.29	9.64	13.58	12.76
15	Delaware	17.46	16.36	11.88	11.77	7.58	8.48	13.38	12.89
16	U.S. Total	16.21	15.99	12.91	12.89	8.09	8.45	12.68	12.66
17	Wisconsin	17.05	16.24	12.69	11.91	8.37	8.11	12.39	11.74
18	Minnesota	15.29	15.07	12.33	12.40	9.32	9.20	12.23	12.07
19	Arizona	14.52	13.11	11.73	10.77	7.61	7.53	12.20	11.18
20	Pennsylvania	18.43	17.51	11.10	11.21	7.67	8.13	12.18	12.11
21	Illinois	15.83	17.02	11.27	11.52	8.56	8.37	11.69	11.96
22	Colorado	14.54	14.80	11.50	12.10	8.42	8.90	11.57	12.04
23	North Carolina	14.75	12.97	10.58	9.35	7.54	6.63	11.50	10.09
24	Alabama	15.02	15.02	13.16	13.44	7.25	7.62	11.48	11.59
25	Montana	12.96	12.42	12.36	11.46	8.42	6.89	11.25	10.29
26	Indiana	15.17	16.70	12.12	14.41	7.93	9.90	11.15	12.93
27	Ohio	16.01	15.08	10.98	10.82	7.17	7.60	11.06	10.89
28	Mississippi	13.67	13.20	12.21	12.17	7.06	6.95	11.06	10.67
29	Georgia	13.75	14.06	11.39	11.74	6.39	7.84	11.01	11.52
30	Nevada	14.63	15.19	10.45	10.51	7.95	8.26	10.84	11.24
31	Kansas	13.72	14.95	10.97	12.10	7.70	8.85	10.79	11.89
32	Tennessee	12.57	12.94	11.60	12.23	6.30	6.57	10.72	11.08
33	South Dakota	12.99	13.18	10.23	10.47	8.08	8.10	10.57	10.72
34	Virginia	14.27	14.41	9.11	10.30	8.67	8.67	10.48	11.22
35	South Carolina	14.47	14.07	10.25	10.74	6.63	6.89	10.41	10.46
36	West Virginia	15.07	14.38	11.49	11.13	7.48	6.77	10.41	9.87
37	Missouri	12.42	11.58	9.41	9.13	7.48	7.10	10.26	9.69
38	Oregon	13.24	11.99	10.22	9.52	7.08	7.02	10.21	9.37
39	Texas	14.71	14.94	9.10	9.33	6.72	7.05	10.16	10.40
40	Kentucky	12.99	14.06	11.40	12.15	6.53	7.39	9.92	10.71
41	Arkansas	12.71	12.80	10.58	10.70	6.92	7.45	9.85	10.12
42	Washington	11.34	10.62	10.34	9.78	6.53	6.35	9.76	9.20
43	New Mexico	14.50	14.36	11.09	11.31	6.13	7.17	9.60	10.21
44	Oklahoma	13.27	14.27	9.51	10.72	6.13	7.12	9.46	10.50
45	Idaho	12.15	11.19	9.22	8.58	6.77	6.22	9.37	8.59
46	Utah	11.22	10.87	8.74	8.75	7.38	6.86	9.07	8.82
47	Nebraska	11.76	11.86	9.01	8.67	7.03	7.14	8.92	8.85
48	Louisiana	11.92	14.29	10.42	12.99	5.81	8.37	8.91	11.37
49	Iowa	13.37	13.43	9.74	9.96	6.20	6.26	8.62	8.74
50	Wyoming	12.47	12.00	10.21	9.69	7.05	6.83	8.49	8.19
51	North Dakota	11.66	11.75	7.48	8.49	7.09	7.19	7.88	8.34

**Table 5.6.A. Average Price of Electricity to Ultimate Customers by End-Use Sector, by State, October 2023 and 2022 (Cents per Kilowatthour)(Sorted by Residential October 2023)**

Rank	Census Division and State	Residential		Commercial		Industrial		All Sectors	
		October 2023	October 2022	October 2023	October 2022	October 2023	October 2022	October 2023	October 2022
1	Hawaii	42.69	44.72	39.33	42.33	35.13	39.51	38.71	41.99
2	Rhode Island	31.78	24.60	19.82	16.37	18.84	17.28	24.34	19.48
3	Maine	29.13	22.97	17.78	14.52	12.99	9.78	21.15	16.67
4	Connecticut	28.95	24.98	19.84	18.05	15.56	14.39	23.11	20.47
5	Massachusetts	28.02	26.15	19.14	18.80	17.21	17.09	22.00	21.25
6	California	26.72	25.76	24.47	22.79	20.41	18.41	24.35	22.85
7	New Hampshire	25.76	30.43	19.13	19.73	15.23	14.37	20.93	22.87
8	Alaska	23.98	23.66	20.70	20.50	17.97	18.67	21.12	21.10
9	New York	22.70	23.26	18.82	18.92	6.46	7.44	18.69	18.86
10	Vermont	22.11	20.91	18.84	17.79	11.37	11.73	18.21	17.38
11	Michigan	19.06	18.28	13.41	12.57	8.36	8.36	13.61	12.96
12	Pennsylvania	18.43	17.51	11.10	11.21	7.67	8.13	12.18	12.11
13	Maryland	18.40	15.84	12.55	13.59	10.29	10.00	14.74	14.24
14	New Jersey	17.51	16.32	13.73	13.27	11.42	10.40	14.83	13.85
15	Delaware	17.46	16.36	11.88	11.77	7.58	8.48	13.38	12.89
16	Wisconsin	17.05	16.24	12.69	11.91	8.37	8.11	12.39	11.74
17	U.S. Total	16.21	15.99	12.91	12.89	8.09	8.45	12.68	12.66
18	Ohio	16.01	15.08	10.98	10.82	7.17	7.60	11.06	10.89
19	Illinois	15.83	17.02	11.27	11.52	8.56	8.37	11.69	11.96
20	Florida	15.48	14.19	11.82	11.46	9.29	9.64	13.58	12.76
21	Minnesota	15.29	15.07	12.33	12.40	9.32	9.20	12.23	12.07
22	Indiana	15.17	16.70	12.12	14.41	7.93	9.90	11.15	12.93
23	West Virginia	15.07	14.38	11.49	11.13	7.48	6.77	10.41	9.87
24	Alabama	15.02	15.02	13.16	13.44	7.25	7.62	11.48	11.59
25	North Carolina	14.75	12.97	10.58	9.35	7.54	6.63	11.50	10.09
26	Texas	14.71	14.94	9.10	9.33	6.72	7.05	10.16	10.40
27	Nevada	14.63	15.19	10.45	10.51	7.95	8.26	10.84	11.24
28	Colorado	14.54	14.80	11.50	12.10	8.42	8.90	11.57	12.04
29	Arizona	14.52	13.11	11.73	10.77	7.61	7.53	12.20	11.18
30	New Mexico	14.50	14.36	11.09	11.31	6.13	7.17	9.60	10.21
31	South Carolina	14.47	14.07	10.25	10.74	6.63	6.89	10.41	10.46
32	Virginia	14.27	14.41	9.11	10.30	8.67	8.67	10.48	11.22
33	Georgia	13.75	14.06	11.39	11.74	6.39	7.84	11.01	11.52
34	Kansas	13.72	14.95	10.97	12.10	7.70	8.85	10.79	11.89
35	Mississippi	13.67	13.20	12.21	12.17	7.06	6.95	11.06	10.67
36	Iowa	13.37	13.43	9.74	9.96	6.20	6.26	8.62	8.74
37	Oklahoma	13.27	14.27	9.51	10.72	6.13	7.12	9.46	10.50
38	Oregon	13.24	11.99	10.22	9.52	7.08	7.02	10.21	9.37
39	South Dakota	12.99	13.18	10.23	10.47	8.08	8.10	10.57	10.72
40	Kentucky	12.99	14.06	11.40	12.15	6.53	7.39	9.92	10.71
41	Montana	12.96	12.42	12.36	11.46	8.42	6.89	11.25	10.29
42	Arkansas	12.71	12.80	10.58	10.70	6.92	7.45	9.85	10.12
43	Tennessee	12.57	12.94	11.60	12.23	6.30	6.57	10.72	11.08
44	Wyoming	12.47	12.00	10.21	9.69	7.05	6.83	8.49	8.19
45	Missouri	12.42	11.58	9.41	9.13	7.48	7.10	10.26	9.69
46	Idaho	12.15	11.19	9.22	8.58	6.77	6.22	9.37	8.59
47	Louisiana	11.92	14.29	10.42	12.99	5.81	8.37	8.91	11.37
48	Nebraska	11.76	11.86	9.01	8.67	7.03	7.14	8.92	8.85
49	North Dakota	11.66	11.75	7.48	8.49	7.09	7.19	7.88	8.34
50	Washington	11.34	10.62	10.34	9.78	6.53	6.35	9.76	9.20
51	Utah	11.22	10.87	8.74	8.75	7.38	6.86	9.07	8.82

Avg. Regional Peer Outside KS 13.44  
 KS vs. Avg. Regional Peer State 2.08%