

2024 LES Competitive Market Study

01/30/2024



Lincoln Electric System



Competitive Market Study

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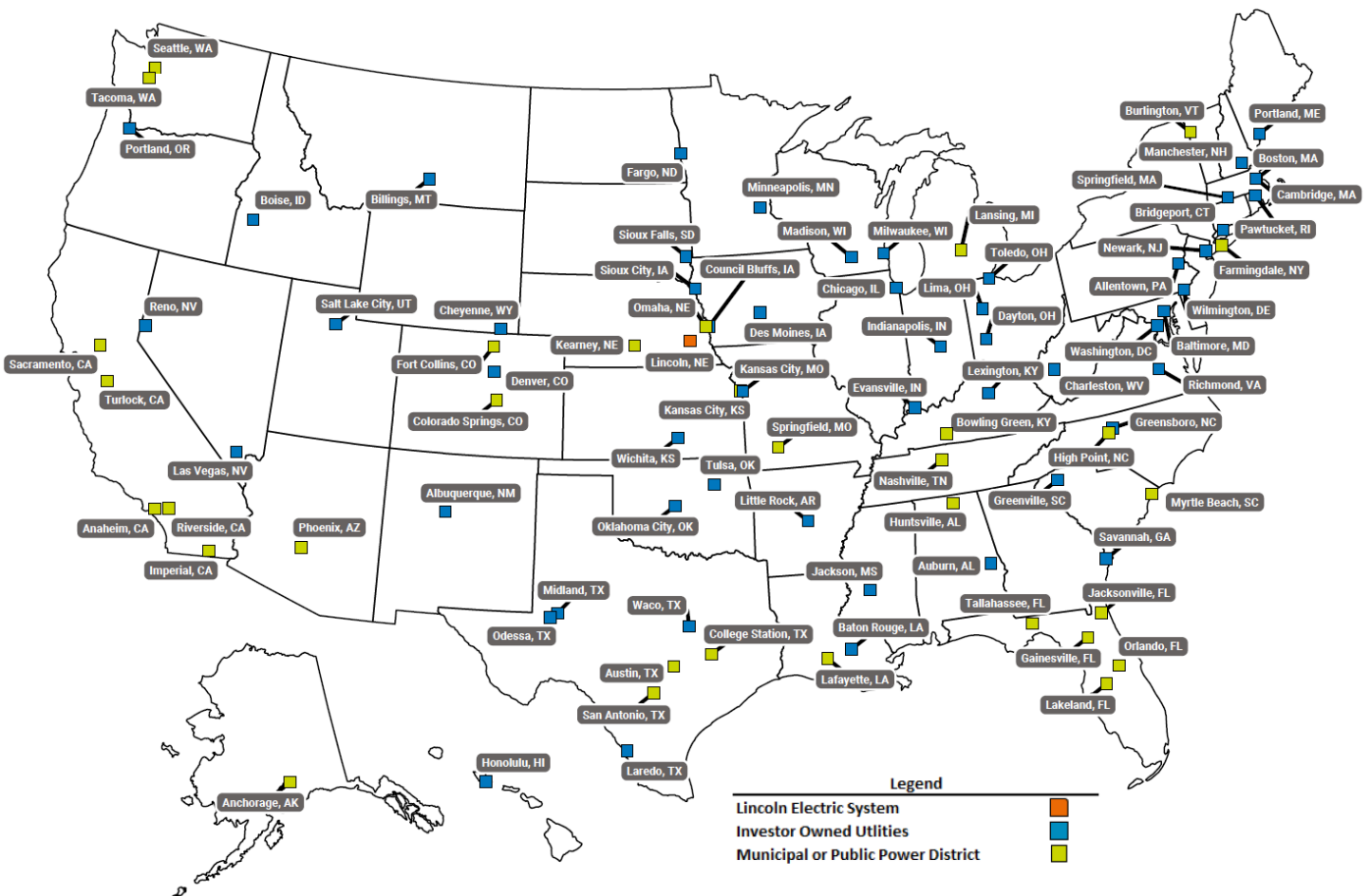
EXECUTIVE SUMMARY

The Lincoln Electric System (LES) Competitive Market Study is a comprehensive electric utility performance metrics report. The study compares electric performance metrics for LES and Nebraska to performance metrics for a curated list of 87 U.S. cities, all 50 states, and the District of Columbia. The report compares three benchmarks of utility performance: prices, affordability, and reliability. The study uses the most current available data, 2022.

With some of the nation's lowest cost and most reliable service, LES is a strong community partner. Based on 2022 data, LES ranked 8th out of 87 cities for the lowest average all-in price while ranking 1st in the lowest residential all-in price. Additionally, LES ranked 4th for most stable rates over the past ten years. In reliability (without major event days), LES ranks 1st overall.

With an average residential bill of \$83.73 per month, or \$2.75 per day, LES is ranked 10th lowest overall. LES' affordability is further demonstrated by its 12th-place ranking for lowest residential bill as a percentage of household income.

The list of 87 selected U.S. cities is displayed on the map below. Cities on the map are those that commonly compete with Lincoln, NE, for economic development site selection and cities served by regional and peer utilities to LES.





Competitive Market Study

The following table shows the ranking results (lower values being better) for LES and Nebraska benchmarked by their average all-in price of electricity. Further details on this metric and ranking can be found in the LES and Nebraska Rank Changes and the Electricity Pricing Metric section (pgs. 5 - 9).

Average All-In Price Metrics Rankings				
Metric	LES (Cents/kWh)	LES Ranking ¹ (Out of 87 Cities)	NE (Cents/kWh)	NE Ranking (Out of 51 States)
Residential	9.72	1	10.79	3
Commercial	7.76	2	8.82	5
Industrial	6.65	13	7.21	15
All Retail Sectors	8.41	8	8.83	5

Below are the ranking results (lower values being better) for LES and Nebraska benchmarked by their average price stability metric. Further details on this metric can be found in the LES and Nebraska Rank Changes and Electricity Pricing Metric section (pgs. 5 - 9).

Price Stability Metrics Rankings				
Metric	LES Stability	LES Ranking ¹ (Out of 87 Cities)	NE Stability	NE Ranking (Out of 51 States)
Residential	1.46%	4	1.30%	2
Commercial	1.30%	3	0.86%	1
Industrial	2.26%	4	1.72%	1
All Retail Sectors	1.38%	4	1.22%	1

The following table shows the ranking results (lower values being better) for LES and Nebraska benchmarked by their Average Monthly Residential Bill, Residential Average Cost per Day, and Residential Electric Bill % of Household Income. Further details on these metrics can be found in the LES and Nebraska Rank Changes and the Affordability Metrics sections (pgs. 26 - 28).

Affordability Metrics Rankings				
Metric	LES Metric Value	LES Ranking (Out of 87 Cities)	NE Metric Value	NE Ranking (Out of 51 States)
Average Monthly Residential Bill	\$ 83.73	7	\$ 112.57	12
Residential Average Cost per Day	\$ 2.75	7	\$ 3.70	12
Residential Electric Bill % of Household Income	1.61%	12	2.03%	17

The final table shows the ranking results (lower values being better) for LES and Nebraska benchmarked by their respective System Average Interruption Duration Index (SAIDI) with and without Major Event Days metrics. Further details on these metrics can be found in the LES and Nebraska Rank Changes and the Reliability Metrics sections (pgs. 35 - 37).

Reliability Metrics Rankings				
Metric	LES Reliability	LES Ranking ¹ (Out of 82 Cities)	NE Reliability	NE Ranking (Out of 51 States)
SAIDI With Major Event Day	16.54	2	82.06	4
SAIDI Without Major Event Day	13.76	1	62.33	4

¹ College Station Utilities, Lafayette Utilities System, Orlando Utilities Commission, City of Tallahassee Electric Utility, Long Island Power Authority, and Potomac Electric Power Company are not included in Industrial rankings for both metrics as they don't report Industrial revenue to EIA.

² SAIDI values with and without MED rankings don't include TXU Energy, Reliant Energy, and City Burlington Electric as they do not report these values to EIA. SAIDI values without MED rankings also exclude City Utilities of Springfield, Chugach Electric Association Incorporated, and City of Tallahassee Electric Utility.



Competitive Market Study

LES's rank improved in every category and retained its first-place rank in SAIDI Without Major Event Day for the second year in a row. Additional details regarding other utilities' rank changes can be found in each category's section.

LES Ranking Changes Current Year vs Prior Year			
Category	Current Year	Prior Year	Rank Change
Average Price Metrics			
<i>Residential</i>	1	3	2
<i>Commercial</i>	2	5	3
<i>Industrial</i>	13	32	19
<i>All Retail Sectors</i>	8	16	8
Price Stability Metrics			
<i>Residential</i>	4	7	3
<i>Commercial</i>	3	4	1
<i>Industrial</i>	4	6	2
<i>All Retail Sectors</i>	4	8	4
Affordability Metrics			
<i>Average Monthly Residential Bill</i>	7	10	3
<i>Residential Average Cost per Day</i>	7	10	3
<i>Residential Electric Bill % of Household Income</i>	12	17	5
Reliability Metrics			
<i>SAIDI With Major Event Day</i>	2	4	2
<i>SAIDI Without Major Event Day</i>	1	1	0



Competitive Market Study

Nebraska’s rank improved in all categories, except for SAIDI Without Major Event Day, where Nebraska’s rank dropped from 2nd to 4th. For SAIDI With Major Event Day, Nebraska’s rank went from 8th in 2020 to 42nd in 2021 due to a derecho that left a significant number of customers without power in 2021. Nebraska’s rank recovered in 2022 to 4th.

Nebraska Ranking Changes			
Current Year vs Prior Year			
Category	Current Year	Prior Year	Rank Change
Average Price Metrics			
<i>Residential</i>	3	4	1
<i>Commercial</i>	5	8	3
<i>Industrial</i>	15	28	13
<i>All Retail Sectors</i>	5	9	4
Price Stability Metrics			
<i>Residential</i>	2	10	8
<i>Commercial</i>	1	2	1
<i>Industrial</i>	1	7	6
<i>All Retail Sectors</i>	1	8	7
Affordability Metrics			
<i>Average Monthly Residential Bill</i>	12	14	2
<i>Residential Average Cost per Day</i>	12	14	2
<i>Residential Electric Bill % of Household Income</i>	17	19	2
Reliability Metrics			
<i>SAIDI With Major Event Day</i>	4	42	38
<i>SAIDI Without Major Event Day</i>	4	2	-2



Competitive Market Study: Electricity Pricing Metrics

ELECTRICITY PRICING METRICS



Electricity prices reflect the costs incurred by a utility to serve customers, as prices are made up of the cost to build, finance, maintain, and operate the electrical grid and power plants. Electric price metrics are relevant to customers as they reflect how expensive it is to provide electricity. Due to this, electricity price metrics are relevant in measuring a utility's performance.

The metrics used to measure the performance of electricity prices in the study are the Average All-In Price per kWh, as calculated by the U.S Energy Information Administration (EIA), and a custom All-In Price Stability metric.

The Average All-In Price per kWh metric was determined for each retail sector (Residential, Commercial, and Industrial) and all retail sectors combined using 2022 EIA data. This metric was computed using EIA's method to determine the average price, which is calculated by dividing retail sector revenue by total electricity sales in that sector.

Average All-In Price Metrics Rankings				
Metric	LES (Cents/kWh)	LES Ranking ¹ (Out of 87 Cities)	NE (Cents/kWh)	NE Ranking (Out of 51 States)
Residential	9.72	1	10.79	3
Commercial	7.76	2	8.82	5
Industrial	6.65	13	7.21	15
All Retail Sectors	8.41	8	8.83	5

The results show that LES electricity prices for residential and commercial customers are among the nation's lowest. This is also seen in Nebraska, with its residential and commercial prices being lower than most states.

The All-In Price Stability metric was used to determine how stable electricity prices are across time. This metric was computed by taking the average absolute percent change for average prices between 2012-2022. Average prices between 2012-2022 were calculated using EIA data.

Price Stability Metrics Rankings				
Metric	LES Stability	LES Ranking ¹ (Out of 87 Cities)	NE Stability	NE Ranking (Out of 51 States)
Residential	1.46%	4	1.30%	2
Commercial	1.30%	3	0.86%	1
Industrial	2.26%	4	1.72%	1
All Retail Sectors	1.38%	4	1.22%	1

The above results show that LES prices are immensely stable compared to most cities. The results also show that Nebraska's prices are some of the most stable in the nation.

¹ College Station Utilities, Lafayette Utilities System, Orlando Utilities Commission, City of Tallahassee Electric Utility, Long Island Power Authority, and Potomac Electric Power Company are not included in Industrial rankings for both metrics as they don't report Industrial revenue to EIA.



Competitive Market Study: Electricity Pricing Metrics

Major Electricity Price Metric Changes - Decreases

Below are the ten largest Average All-In price kWh decreases for the cities by retail sector and all retail sectors combined. Fuel and market energy prices played a significant role in electric rates in 2022. The utilities listed below were those that saw little to no impact from these fluctuations.

Residential Average Price (Cents/kWh)					
City	Price Rank		Price		Price Percent Change
	Current Year	Prior Year	Current Year	Prior Year	
High Point, NC	15	45	11.70	12.61	-7.22%
Bridgeport, CT	81	86	23.55	25.19	-6.51%
Cheyenne, WY	53	67	14.48	15.27	-5.17%
Lansing, MI	63	75	15.90	16.67	-4.62%
Anaheim, CA	67	76	16.31	16.97	-3.89%
Anchorage, AK	78	80	19.95	20.60	-3.16%
Kansas City, MO	35	55	12.97	13.37	-2.99%
Kearney, NE	3	10	10.27	10.40	-1.25%
Albuquerque, NM	52	64	14.39	14.51	-0.83%
Lincoln, NE	1	3	9.72	9.75	-0.31%

Commercial Average Price (Cents/kWh)					
City	Price Rank		Price		Price Percent Change
	Current Year	Prior Year	Current Year	Prior Year	
Lansing, MI	58	72	13.16	14.46	-8.99%
Cheyenne, WY	48	64	11.95	13.01	-8.15%
Anchorage, AK	74	79	15.70	16.27	-3.50%
Kansas City, MO	18	35	9.80	10.11	-3.07%
Albuquerque, NM	44	58	11.60	11.86	-2.19%
Lima, OH	39	55	11.37	11.57	-1.73%
High Point, NC	21	42	10.31	10.47	-1.53%
Lincoln, NE	2	5	7.76	7.85	-1.15%
Tallahassee, FL	6	19	8.76	8.86	-1.13%
Anaheim, CA	77	80	17.13	17.30	-0.98%

Industrial Average Price (Cents/kWh)					
City	Price Rank		Price		Price Percent Change
	Current Year	Prior Year	Current Year	Prior Year	
Lima, OH	26	63	7.19	9.98	-27.96%
Toledo, OH	7	49	6.33	8.10	-21.85%
Lansing, MI	64	69	11.49	12.25	-6.20%
Anchorage, AK	68	73	12.95	13.76	-5.89%
Albuquerque, NM	2	17	5.60	5.90	-5.08%
Kansas City, MO	22	41	6.89	7.25	-4.97%
Omaha, NE	15	35	6.81	6.97	-2.30%
Lincoln, NE	13	32	6.65	6.80	-2.21%
Billings, MT	52	61	9.41	9.54	-1.36%
Portland, OR	23	34	6.99	6.96	0.43%

All Retail Sectors Average Price (Cents/kWh)					
City	Price Rank		Price		Price Percent Change
	Current Year	Prior Year	Current Year	Prior Year	
Toledo, OH	17	67	9.95	12.86	-22.63%
Lansing, MI	64	73	13.65	14.79	-7.71%
Anchorage, AK	77	79	16.93	17.57	-3.64%
High Point, NC	26	52	10.58	10.93	-3.20%
Kansas City, MO	24	46	10.34	10.67	-3.09%
Albuquerque, NM	37	55	11.12	11.46	-2.97%
Bridgeport, CT	81	86	22.81	23.49	-2.89%
Lima, OH	54	64	12.32	12.66	-2.69%
Cheyenne, WY	20	42	10.10	10.35	-2.42%
Anaheim, CA	73	78	15.65	15.84	-1.20%



Competitive Market Study: Electricity Pricing Metrics

Below are the ten largest improvements in Price Stability for the cities by each retail sector and all retail sectors combined. The improvements in stability values are due to the 2012-2022 utilities average prices being less volatile year-over-year. No single driver drove the changes in volatility; reasons range from 2022's average price magnitude being less volatile than previous years and last year's earliest observable price change being an outlier year for the utility.

<i>Residential All-in Price Stability</i>					
City	Stability Rank		Avg Abs. Percent Change		Percentage Point Change
	Current Year	Prior Year	Current Year	Prior Year	
Boise, ID	29	58	3.00%	4.26%	-1.26%
Kearney, NE	10	37	2.30%	3.29%	-0.99%
Greensboro, NC	5	19	1.47%	2.45%	-0.98%
Salt Lake City, UT	15	40	2.55%	3.48%	-0.93%
Fort Collins, CO	22	39	2.77%	3.47%	-0.70%
Albuquerque, NM	37	58	3.57%	4.26%	-0.69%
Tacoma, WA	28	45	2.97%	3.57%	-0.60%
Omaha, NE	9	21	1.99%	2.53%	-0.54%
Lansing, MI	37	55	3.57%	4.11%	-0.54%
Greenville, SC	35	52	3.51%	4.00%	-0.49%

<i>Commercial All-in Price Stability</i>					
City	Stability Rank		Avg Abs. Percent Change		Percentage Point Change
	Current Year	Prior Year	Current Year	Prior Year	
Lima, OH	54	73	5.24%	6.52%	-1.28%
Turlock, CA	6	15	1.57%	2.45%	-0.88%
Salt Lake City, UT	12	30	2.41%	3.26%	-0.85%
Greensboro, NC	5	12	1.52%	2.32%	-0.80%
Tallahassee, FL	22	37	2.93%	3.64%	-0.71%
Kearney, NE	13	27	2.43%	3.12%	-0.69%
Omaha, NE	1	6	0.97%	1.54%	-0.57%
Anaheim, CA	65	76	6.33%	6.88%	-0.55%
Fort Collins, CO	31	47	3.57%	4.08%	-0.51%
Sioux Falls, SD	32	51	3.70%	4.19%	-0.49%

<i>Industrial All-in Price Stability</i>					
City	Stability Rank		Avg Abs. Percent Change		Percentage Point Change
	Current Year	Prior Year	Current Year	Prior Year	
Allentown, PA	80	81	31.13%	36.38%	-5.25%
Fort Collins, CO	12	23	3.11%	3.83%	-0.72%
Greensboro, NC	3	11	1.70%	2.64%	-0.94%
High Point, NC	8	14	2.40%	2.94%	-0.54%
Imperial, CA	35	77	5.30%	19.88%	-14.58%
Kearney, NE	38	51	5.42%	6.19%	-0.77%
Lansing, MI	22	38	4.29%	5.01%	-0.72%
Newark, NJ	73	76	17.66%	18.46%	-0.80%
Omaha, NE	15	32	3.87%	4.30%	-0.43%
Sioux Falls, SD	27	40	4.61%	5.11%	-0.50%

<i>All Retail Sectors All-in Price Stability</i>					
City	Stability Rank		Avg Abs. Percent Change		Percentage Point Change
	Current Year	Prior Year	Current Year	Prior Year	
Lima, OH	50	77	4.75%	5.83%	-1.08%
Greensboro, NC	5	17	1.40%	2.24%	-0.84%
Kearney, NE	40	66	4.15%	4.90%	-0.75%
Omaha, NE	6	20	1.61%	2.27%	-0.66%
Salt Lake City, UT	21	36	2.69%	3.30%	-0.61%
Fort Collins, CO	26	41	3.12%	3.71%	-0.59%
Boise, ID	36	54	3.99%	4.54%	-0.55%
Tallahassee, FL	16	31	2.53%	3.04%	-0.51%
Bridgeport, CT	52	72	4.89%	5.35%	-0.46%
Sioux Falls, SD	31	43	3.37%	3.80%	-0.43%



Competitive Market Study: Electricity Pricing Metrics

Major Electricity Price Metric Changes - Increases

Below are the ten largest Average All-In price kWh increases for the cities by each retail sector and all retail sectors combined. The main driver of this was the increase in fuel costs starting in 2021 and continuing through 2022. Other drivers that drove the increases include operation costs and capital projects.

Residential Average Price (Cents/kWh)					
City	Price Rank		Price		Price Percent Change
	Current Year	Prior Year	Current Year	Prior Year	
Dayton, OH	30	1	12.59	9.26	35.96%
Portland, ME	79	73	22.37	16.46	35.91%
Honolulu, HI	87	87	43.43	32.47	33.75%
Gainesville, FL	75	53	17.69	13.26	33.41%
Manchester, NH	83	79	25.98	19.51	33.16%
Lafayette, LA	22	2	12.00	9.59	25.13%
Allentown, PA	70	57	16.86	13.59	24.06%
Jacksonville, FL	50	28	14.17	11.50	23.22%
Chicago, IL	68	56	16.48	13.49	22.16%
Reno, NV	40	20	13.30	10.93	21.68%

Commercial Average Price (Cents/kWh)					
City	Price Rank		Price		Price Percent Change
	Current Year	Prior Year	Current Year	Prior Year	
Manchester, NH	83	78	22.89	15.85	44.42%
Portland, ME	80	66	19.24	13.53	42.20%
Baltimore, MD	76	60	16.79	12.34	36.06%
Honolulu, HI	87	87	39.58	29.44	34.44%
Dayton, OH	33	13	11.16	8.47	31.76%
Gainesville, FL	79	75	19.07	14.62	30.44%
Springfield, MA	84	83	24.85	19.48	27.57%
Boston, MA	84	83	24.85	19.48	27.57%
Cambridge, MA	84	83	24.85	19.48	27.57%
Allentown, PA	68	54	14.56	11.50	26.61%

Industrial Average Price (Cents/kWh)					
City	Price Rank		Price		Price Percent Change
	Current Year	Prior Year	Current Year	Prior Year	
Wilmington, DE	62	9	10.58	5.72	84.97%
Manchester, NH	76	68	21.73	12.05	80.33%
Cambridge, MA	78	78	32.29	21.00	53.76%
Springfield, MA	78	78	32.29	21.00	53.76%
Boston, MA	78	78	32.29	21.00	53.76%
Portland, ME	74	71	19.56	12.76	53.29%
Reno, NV	38	6	8.03	5.34	50.37%
Savannah, GA	49	21	9.25	6.39	44.76%
Gainesville, FL	70	62	13.94	9.83	41.81%
Honolulu, HI	81	81	35.96	25.82	39.27%

All Retail Sectors Average Price (Cents/kWh)					
City	Price Rank		Price		Price Percent Change
	Current Year	Prior Year	Current Year	Prior Year	
Portland, ME	80	77	21.54	15.68	37.37%
Honolulu, HI	87	87	39.00	28.72	35.79%
Manchester, NH	83	80	25.14	18.52	35.75%
Dayton, OH	52	21	12.08	9.05	33.48%
Reno, NV	30	8	10.68	8.03	33.00%
Gainesville, FL	78	69	17.92	13.52	32.54%
Jacksonville, FL	59	33	12.68	10.10	25.54%
Lafayette, LA	39	19	11.22	8.99	24.81%
Oklahoma City, OK	22	14	10.25	8.28	23.79%
Las Vegas, NV	51	30	12.07	9.77	23.54%



Competitive Market Study: Electricity Pricing Metrics

Below are the ten largest declines in Price Stability for the cities by each retail sector and all retail sectors combined. These changes are due to increases in year-over-year volatility in the reported average prices between 2012-2022. The main driver is a significant average price change in 2022 due to fuel costs, capital projects, operation costs, and the wholesale price of electricity.

Residential All-in Price Stability					
City	Stability Rank		Avg Abs. Percent Change		Percentage Point Change
	Current Year	Prior Year	Current Year	Prior Year	
Dayton, OH	84	62	7.71%	4.44%	3.27%
Gainesville, FL	72	42	6.73%	3.50%	3.23%
Manchester, NH	80	60	7.47%	4.36%	3.11%
Portland, ME	77	57	7.04%	4.19%	2.85%
Honolulu, HI	87	87	10.51%	8.09%	2.42%
Jacksonville, FL	45	11	4.19%	2.03%	2.16%
Reno, NV	76	71	7.00%	4.88%	2.12%
Lafayette, LA	78	72	7.15%	5.07%	2.08%
Chicago, IL	71	67	6.52%	4.51%	2.01%
Las Vegas, NV	68	55	6.03%	4.11%	1.92%

Commercial All-in Price Stability					
City	Stability Rank		Avg Abs. Percent Change		Percentage Point Change
	Current Year	Prior Year	Current Year	Prior Year	
Manchester, NH	84	77	11.59%	7.18%	4.41%
Portland, ME	81	70	9.69%	5.96%	3.73%
Baltimore, MD	68	37	6.94%	3.64%	3.30%
Gainesville, FL	64	32	6.27%	3.31%	2.96%
Dayton, OH	82	78	10.12%	7.53%	2.59%
Las Vegas, NV	74	64	7.93%	5.36%	2.57%
Honolulu, HI	83	82	10.73%	8.24%	2.49%
Reno, NV	73	65	7.83%	5.50%	2.33%
Boston, MA	85	85	12.24%	9.92%	2.32%
Cambridge, MA	85	85	12.24%	9.92%	2.32%

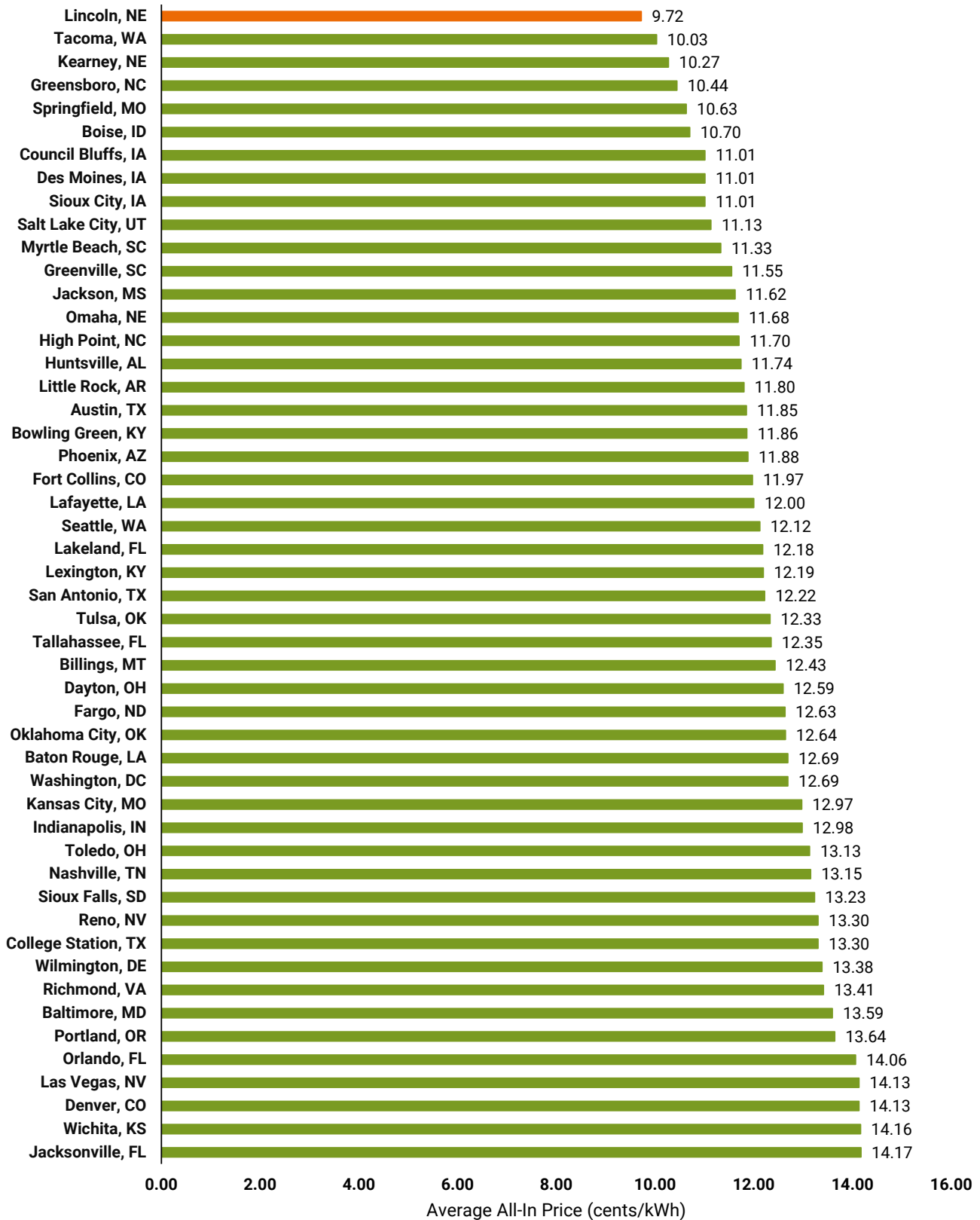
Industrial All-in Price Stability					
City	Stability Rank		Avg Abs. Percent Change		Percentage Point Change
	Current Year	Prior Year	Current Year	Prior Year	
Manchester, NH	79	78	27.89%	20.96%	6.93%
Wilmington, DE	81	80	34.35%	28.64%	5.71%
Portland, ME	70	64	14.88%	9.55%	5.33%
Reno, NV	61	46	10.53%	5.59%	4.94%
Gainesville, FL	60	45	9.44%	5.51%	3.93%
Dayton, OH	78	79	25.45%	21.80%	3.65%
Savannah, GA	63	58	10.85%	7.68%	3.17%
Baltimore, MD	56	42	8.48%	5.35%	3.13%
Richmond, VA	39	7	5.51%	2.50%	3.01%
Honolulu, HI	67	65	12.68%	9.73%	2.95%

All Retail Sectors All-in Price Stability					
City	Stability Rank		Avg Abs. Percent Change		Percentage Point Change
	Current Year	Prior Year	Current Year	Prior Year	
Manchester, NH	79	71	8.81%	5.34%	3.47%
Portland, ME	78	63	8.13%	4.71%	3.42%
Gainesville, FL	72	39	6.71%	3.46%	3.25%
Dayton, OH	75	47	7.53%	4.33%	3.20%
Reno, NV	77	67	8.09%	4.91%	3.18%
Honolulu, HI	87	86	11.37%	8.73%	2.64%
Jacksonville, FL	37	9	4.00%	1.67%	2.33%
Las Vegas, NV	73	56	6.86%	4.58%	2.28%
Oklahoma City, OK	74	68	7.04%	4.98%	2.06%
Lafayette, LA	71	59	6.59%	4.59%	2.00%



Competitive Market Study: Electricity Pricing Metrics

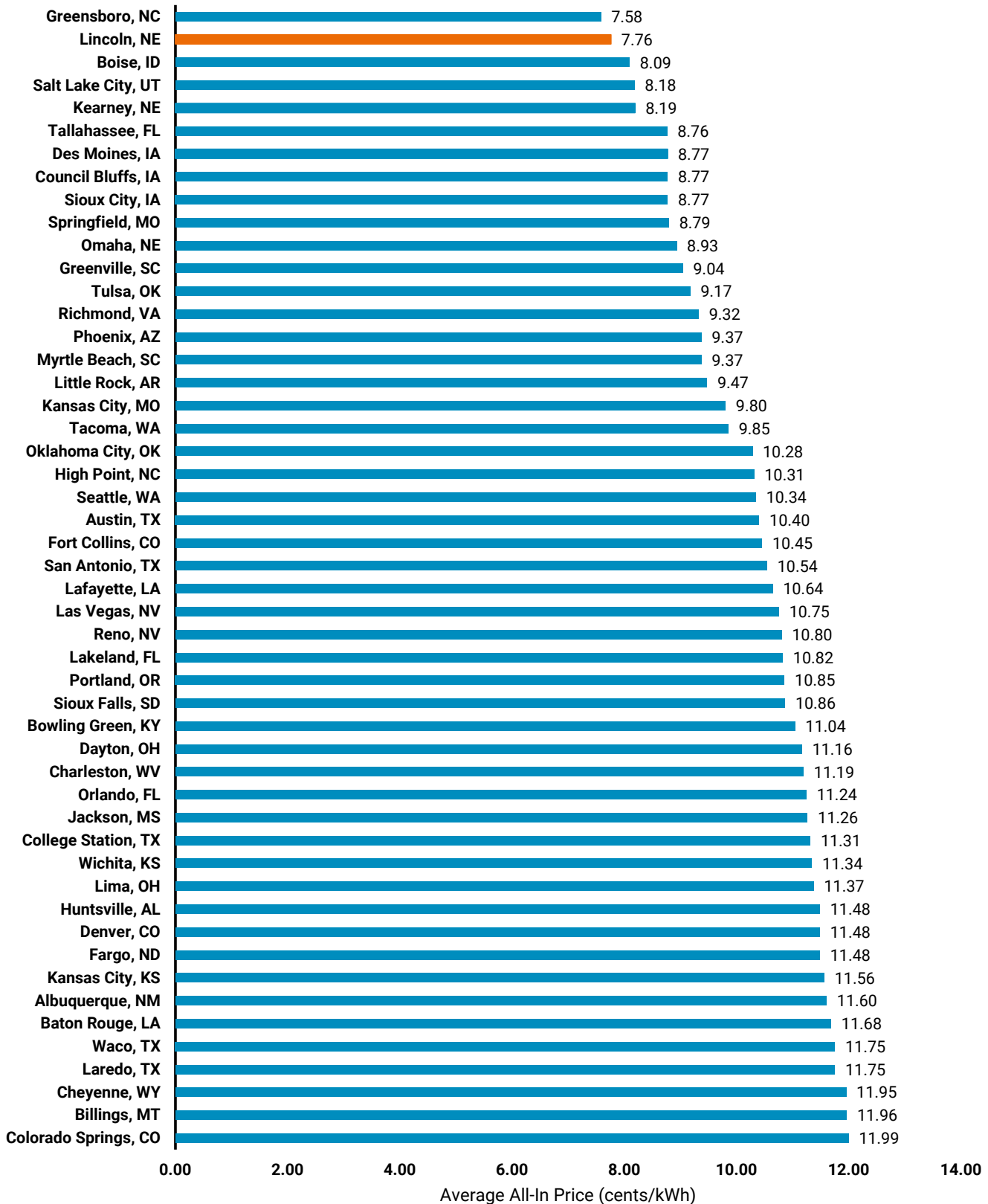
Figure 1: Residential Average All-In Price - The 50 Best-Ranked Cities





Competitive Market Study: Electricity Pricing Metrics

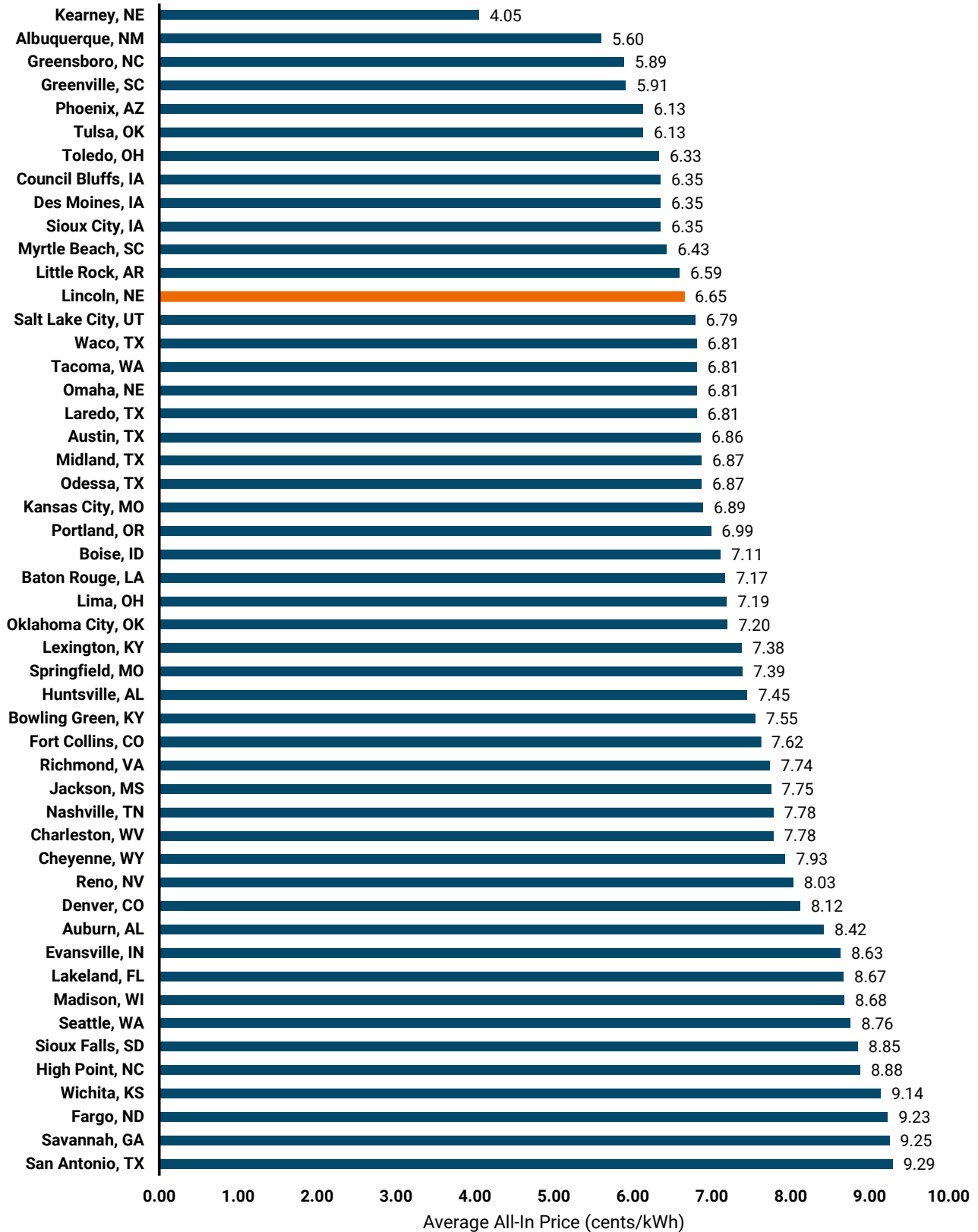
Figure 2: Commercial Average All-In Price - The 50 Best-Ranked Cities





Competitive Market Study: Electricity Pricing Metrics

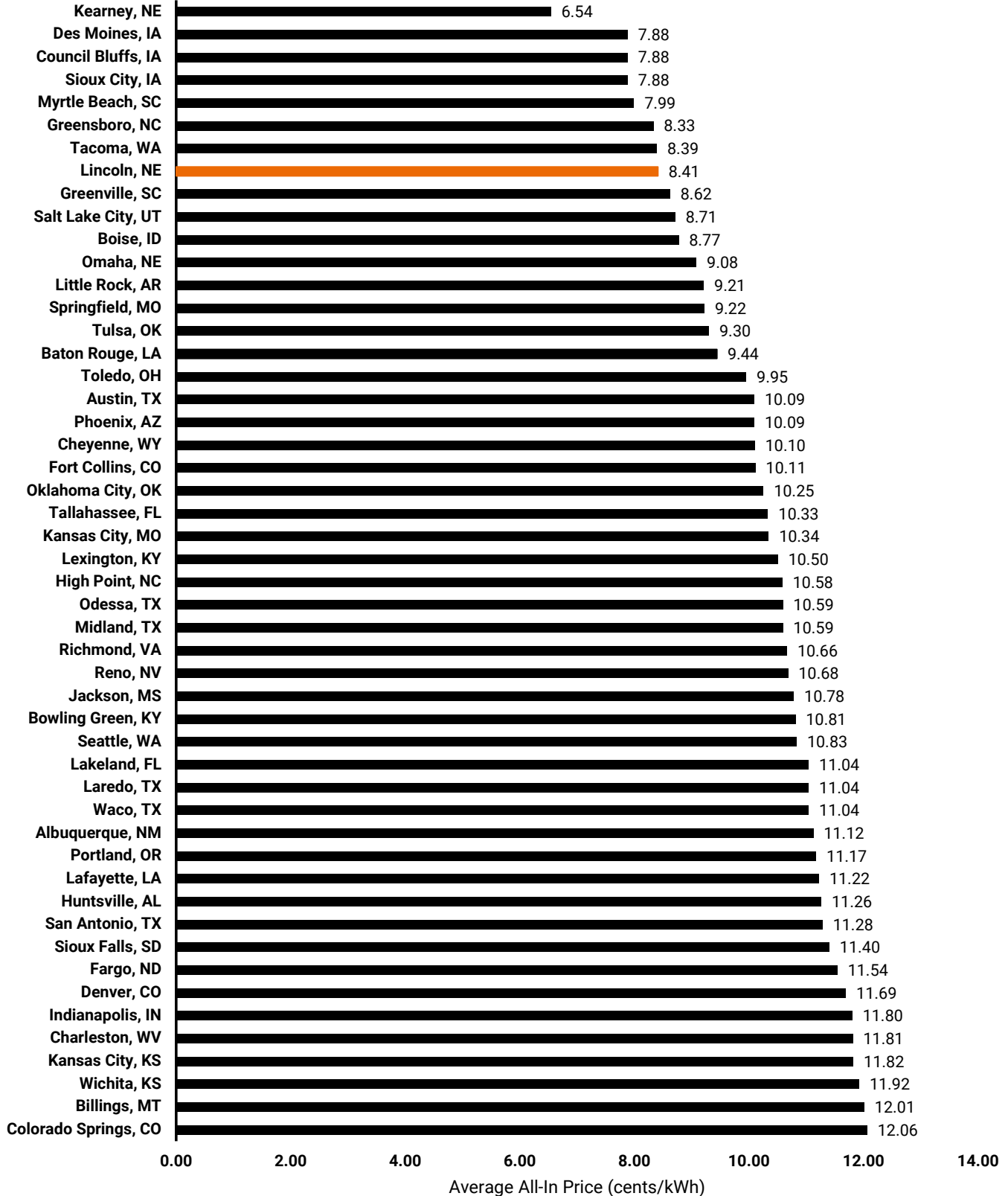
Figure 3: Industrial Average All-In Price - The 50 Best-Ranked Cities





Competitive Market Study: Electricity Pricing Metrics

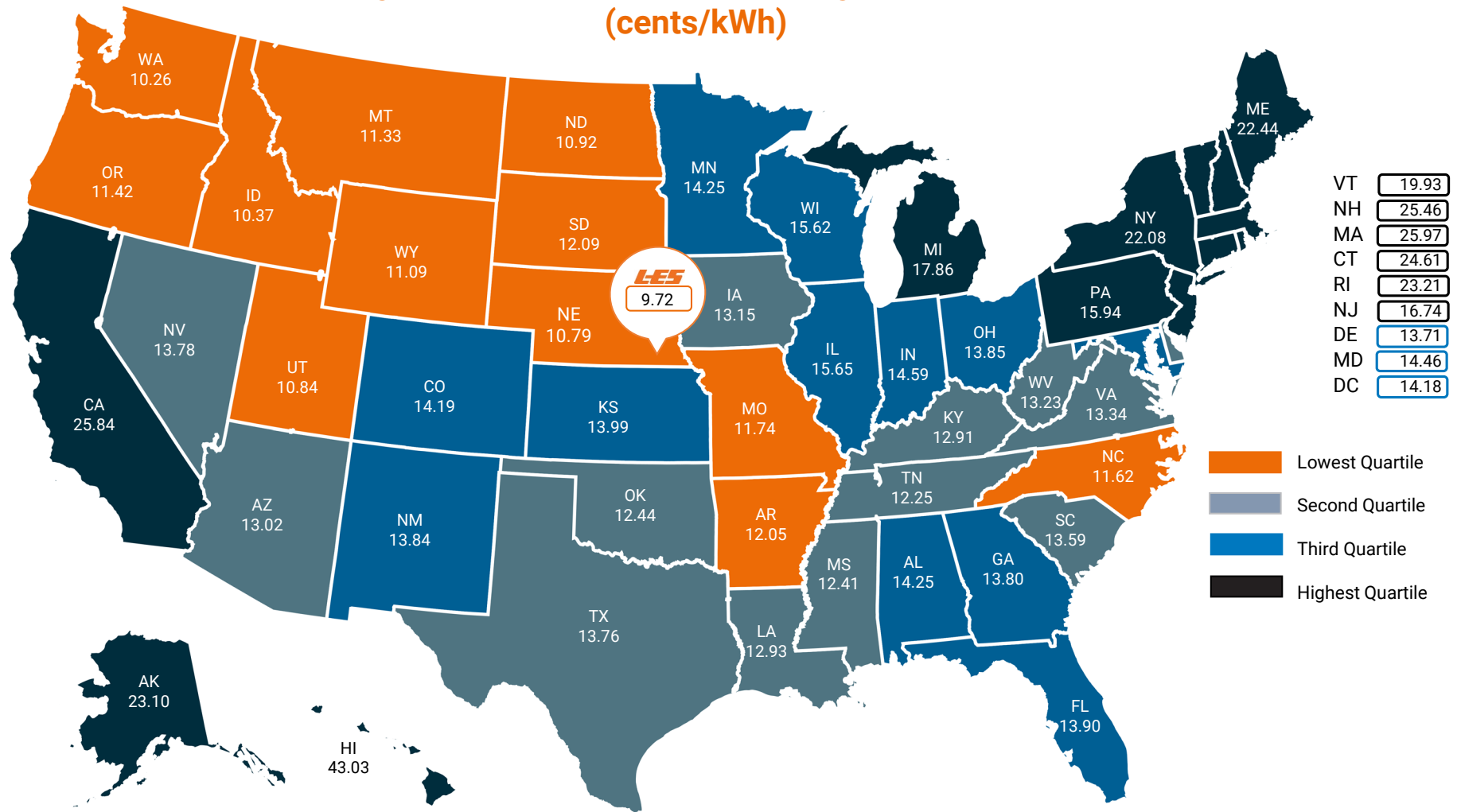
Figure 4: All Retail Sectors Average All-In Price - The 50 Best-Ranked Cities





Competitive Market Study: Electricity Pricing Metrics

Figure 5: State Residential Average All-In Price (cents/kWh)

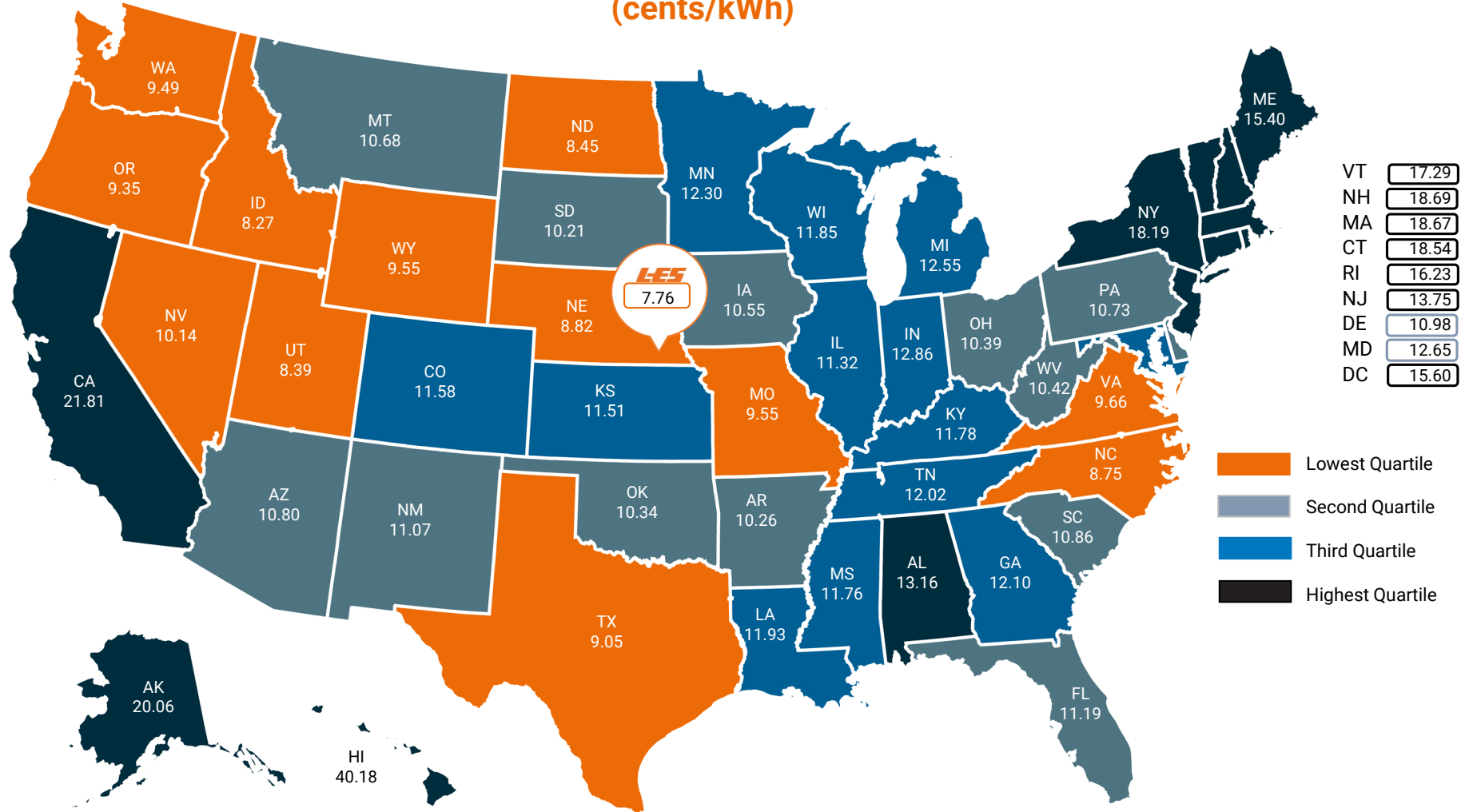


Data Source(s): EIA Electric Sales, Revenue, and Average Price, Table 5A; Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Competitive Market Study: Electricity Pricing Metrics

Figure 6: State Commercial Average All-In Price (cents/kWh)

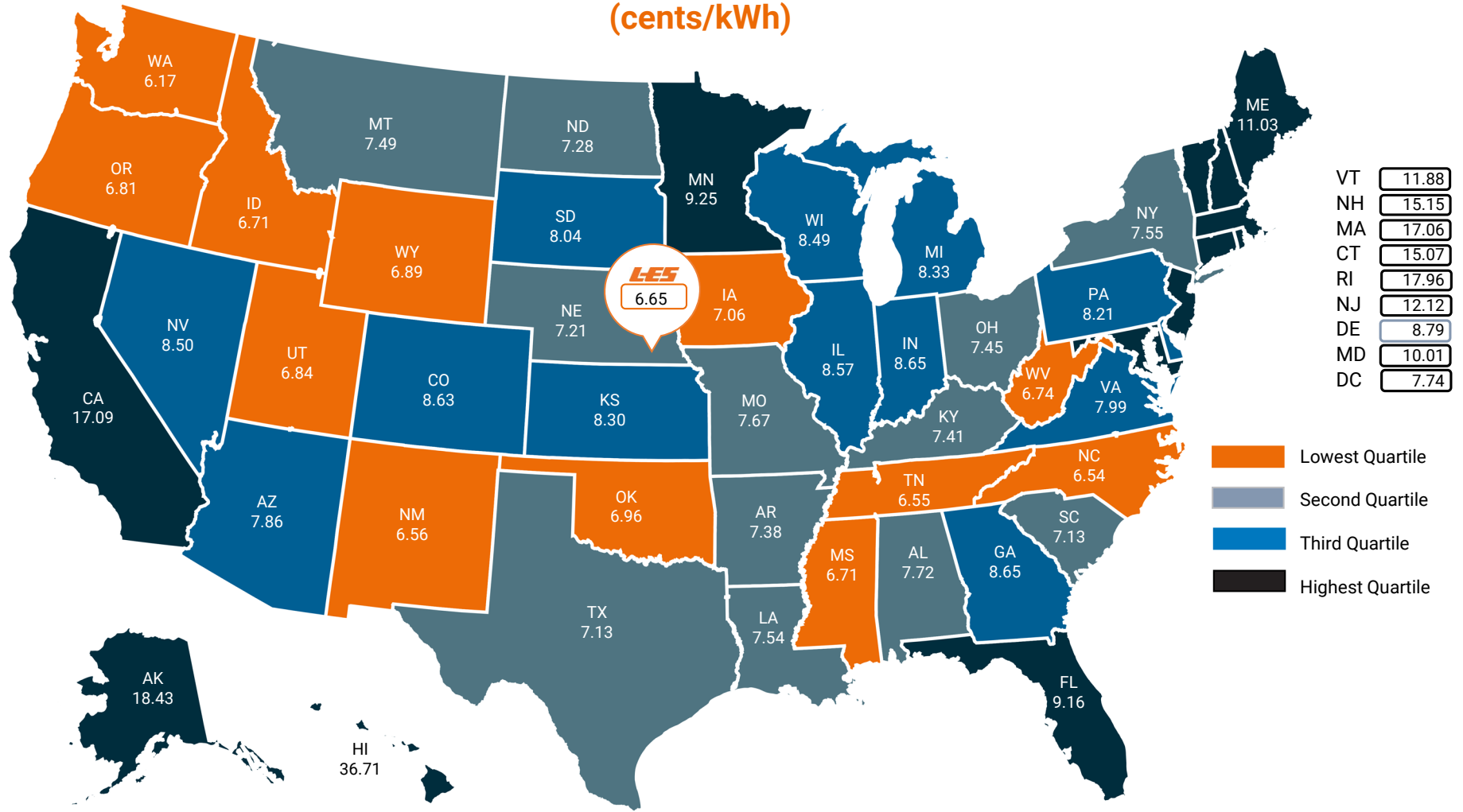


Data Source(s): EIA Electric Sales, Revenue, and Average Price, Table 5B; Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Competitive Market Study: Electricity Pricing Metrics

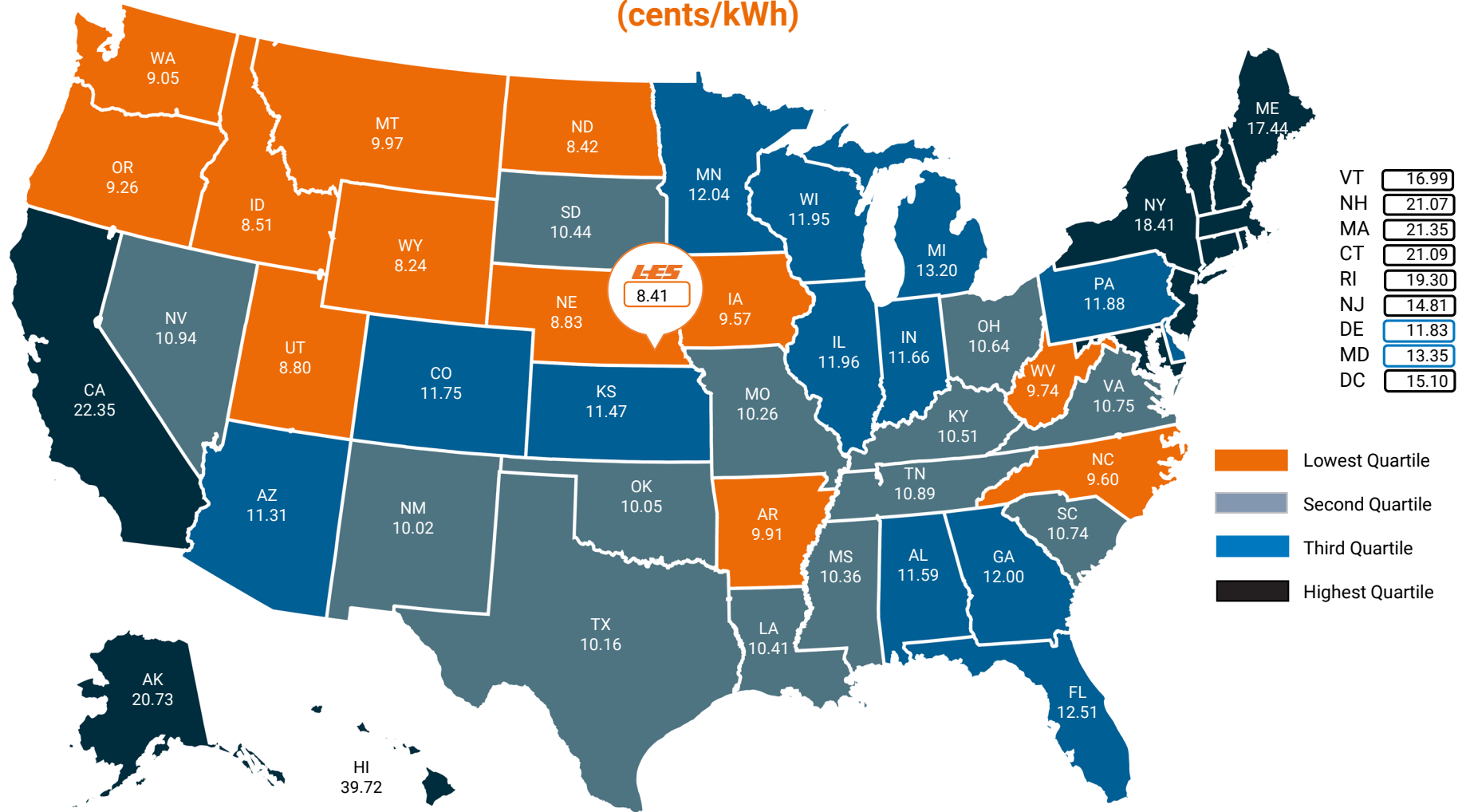
Figure 7: State Industrial Average All-In Price (cents/kWh)



Data Source(s): EIA Electric Sales, Revenue, and Average Price, Table 5C; Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Figure 8: State All Retail Sectors Average All-In Price (cents/kWh)

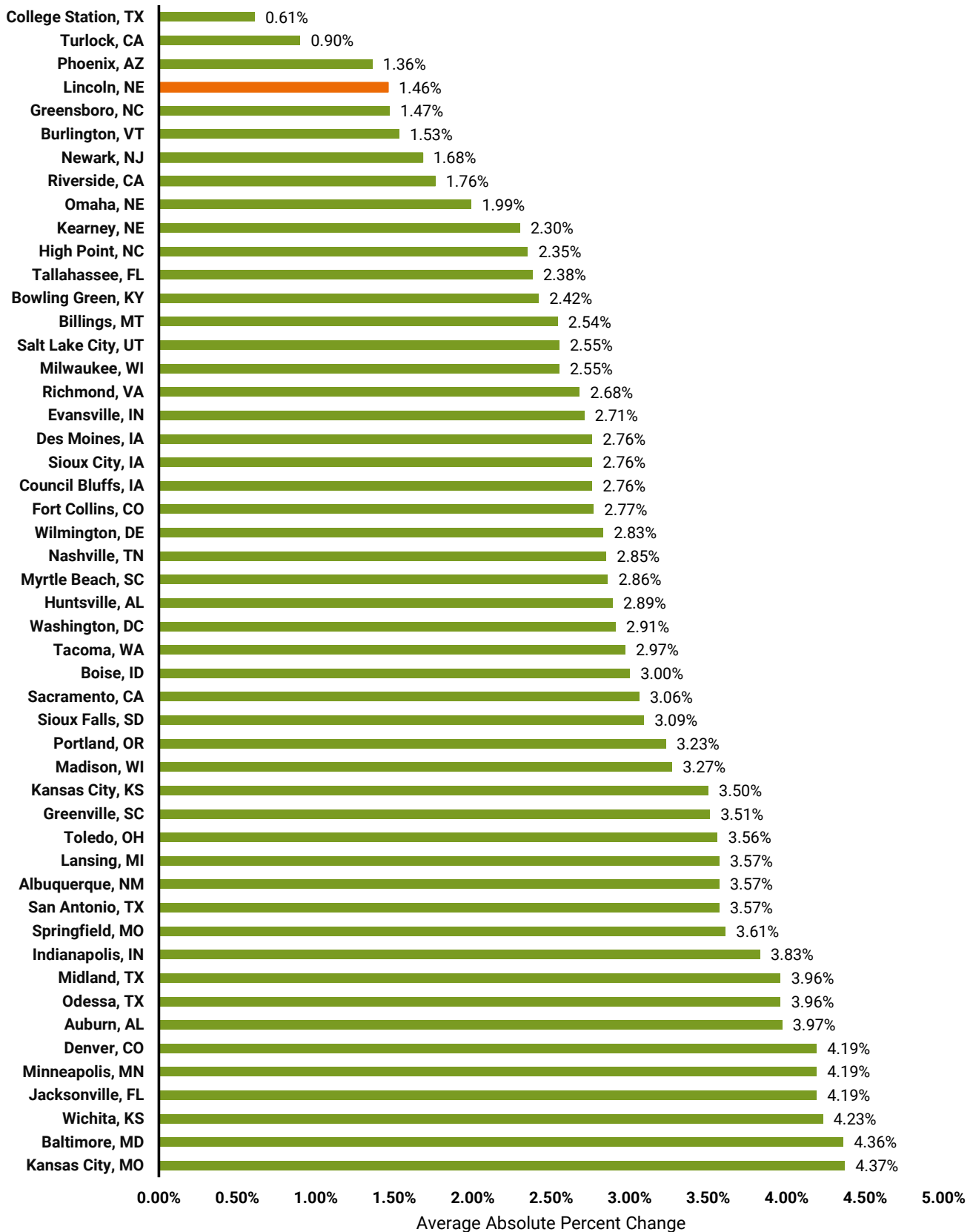


Data Source(s): Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Competitive Market Study: Electricity Pricing Metrics

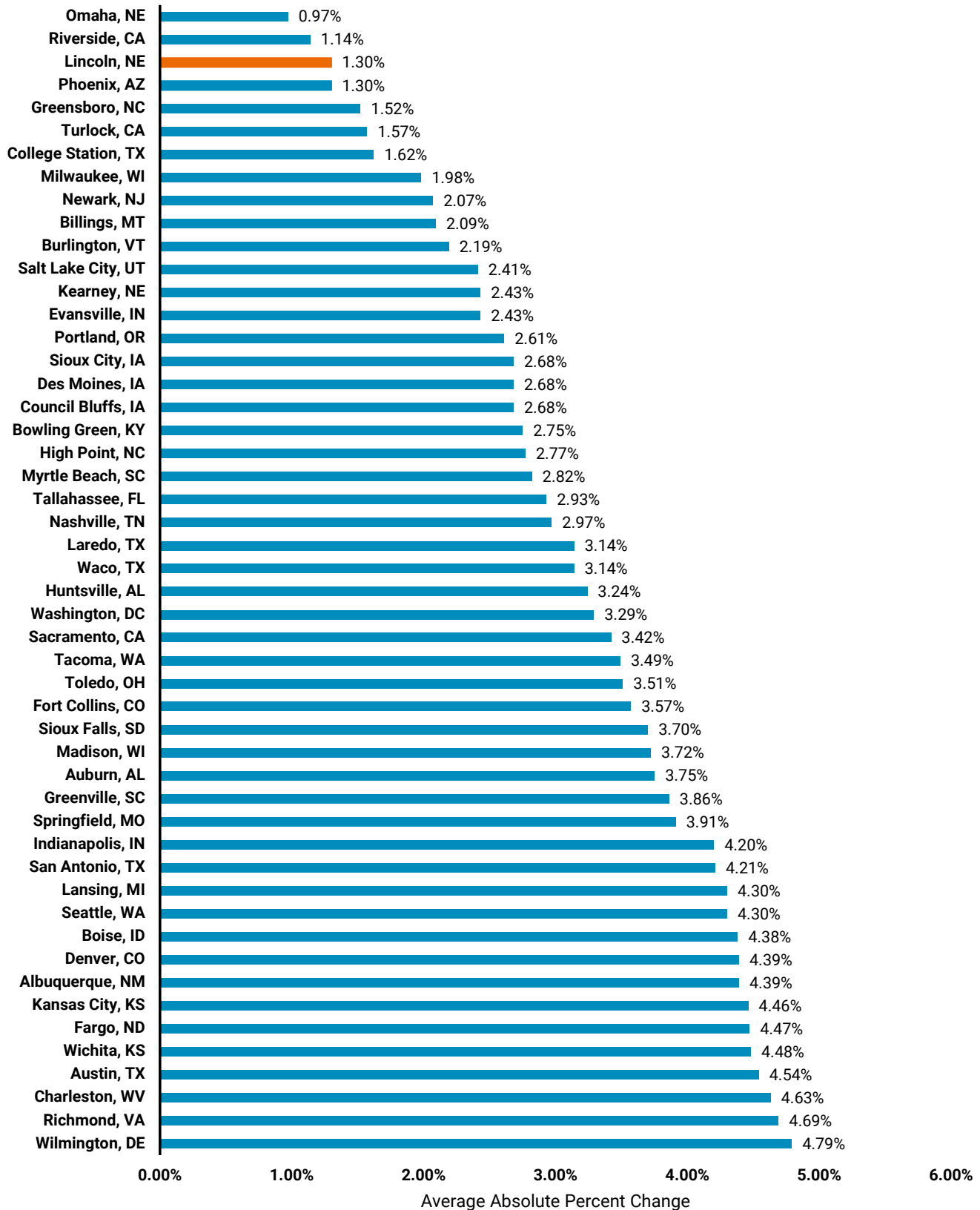
Figure 9: Residential All-In Price Stability - The 50 Best-Ranked Cities





Competitive Market Study: Electricity Pricing Metrics

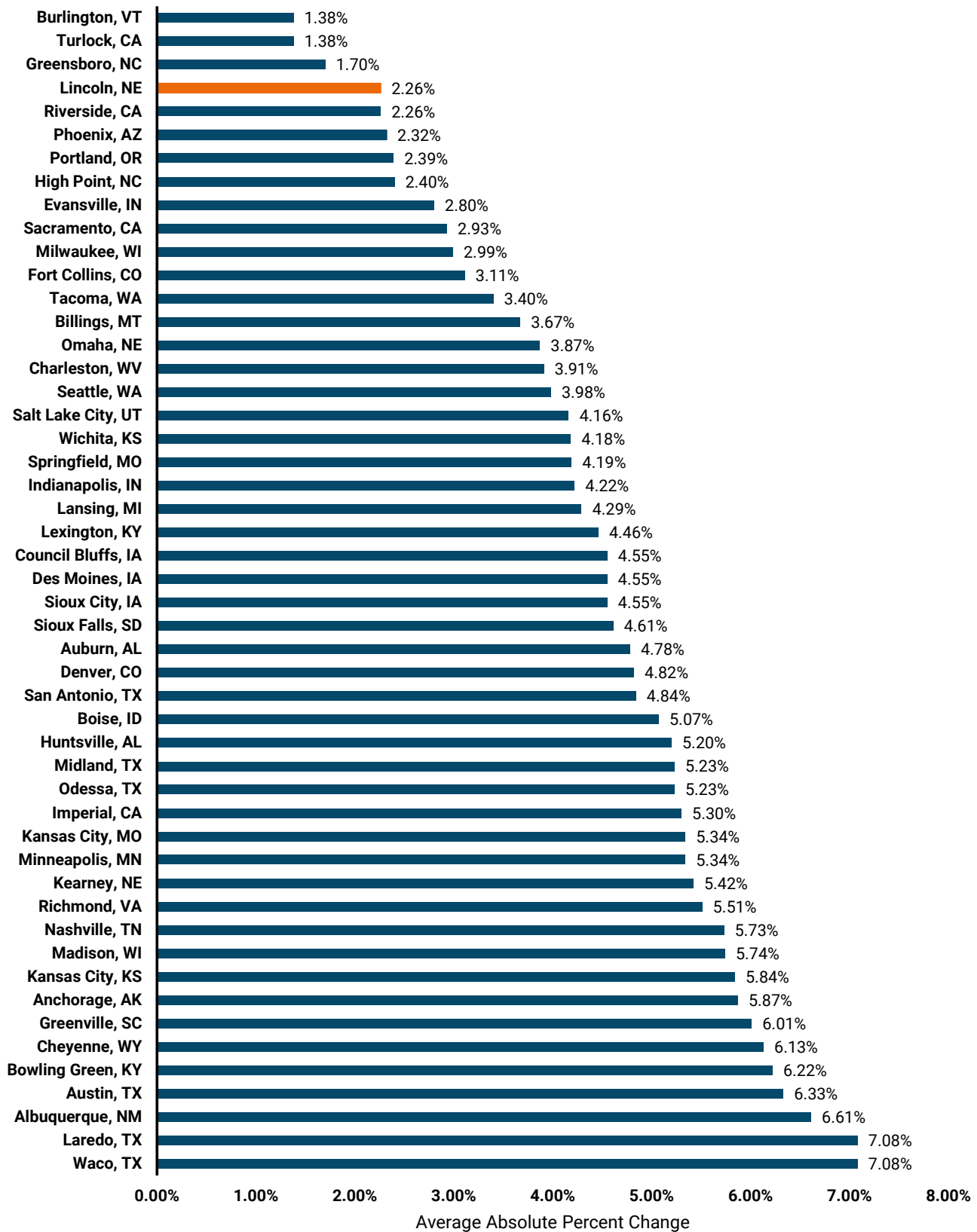
Figure 10: Commercial All-In Price Stability - The 50 Best-Ranked Cities





Competitive Market Study: Electricity Pricing Metrics

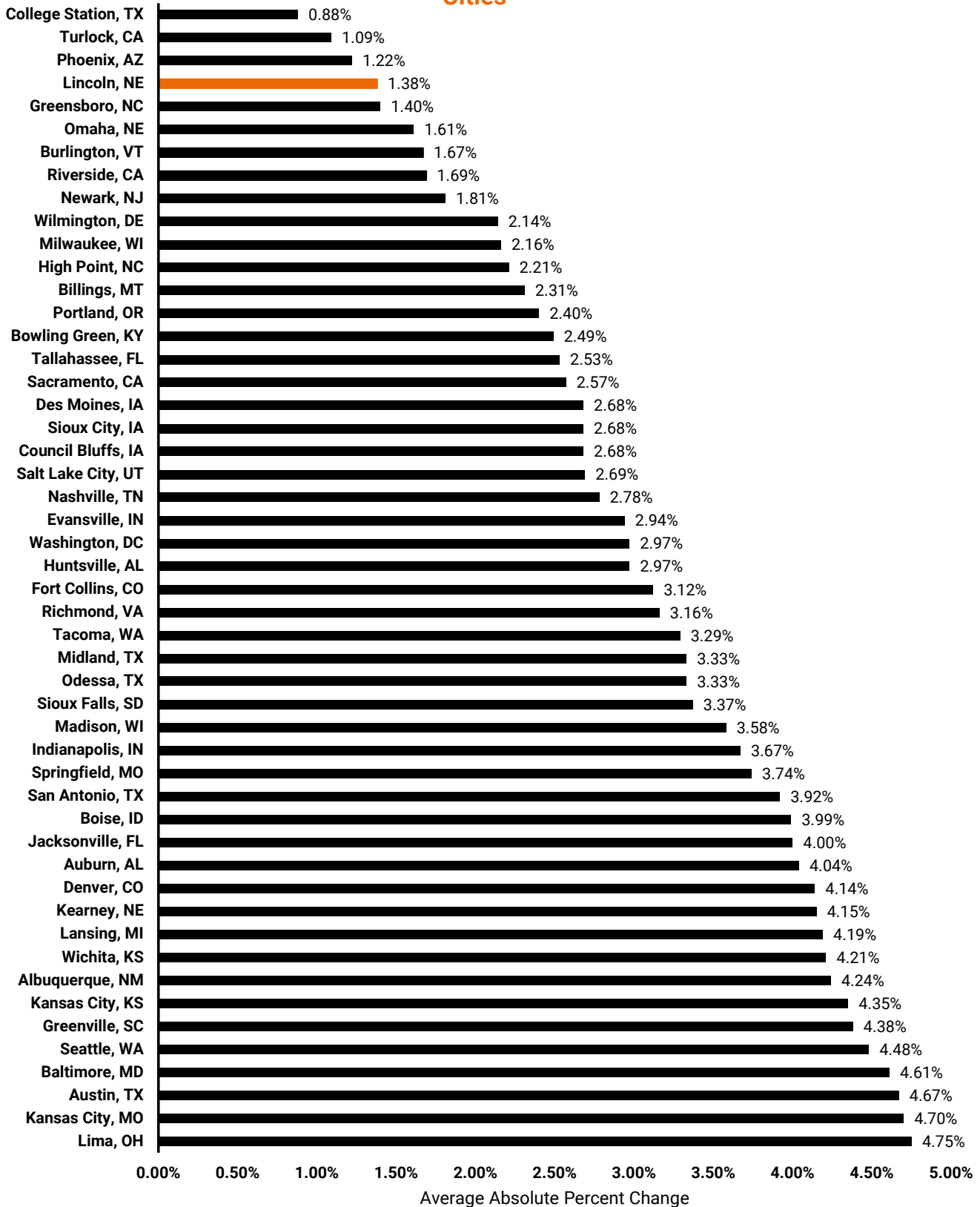
Figure 11: Industrial All-In Price Stability - The 50 Best-Ranked Cities





Competitive Market Study: Electricity Pricing Metrics

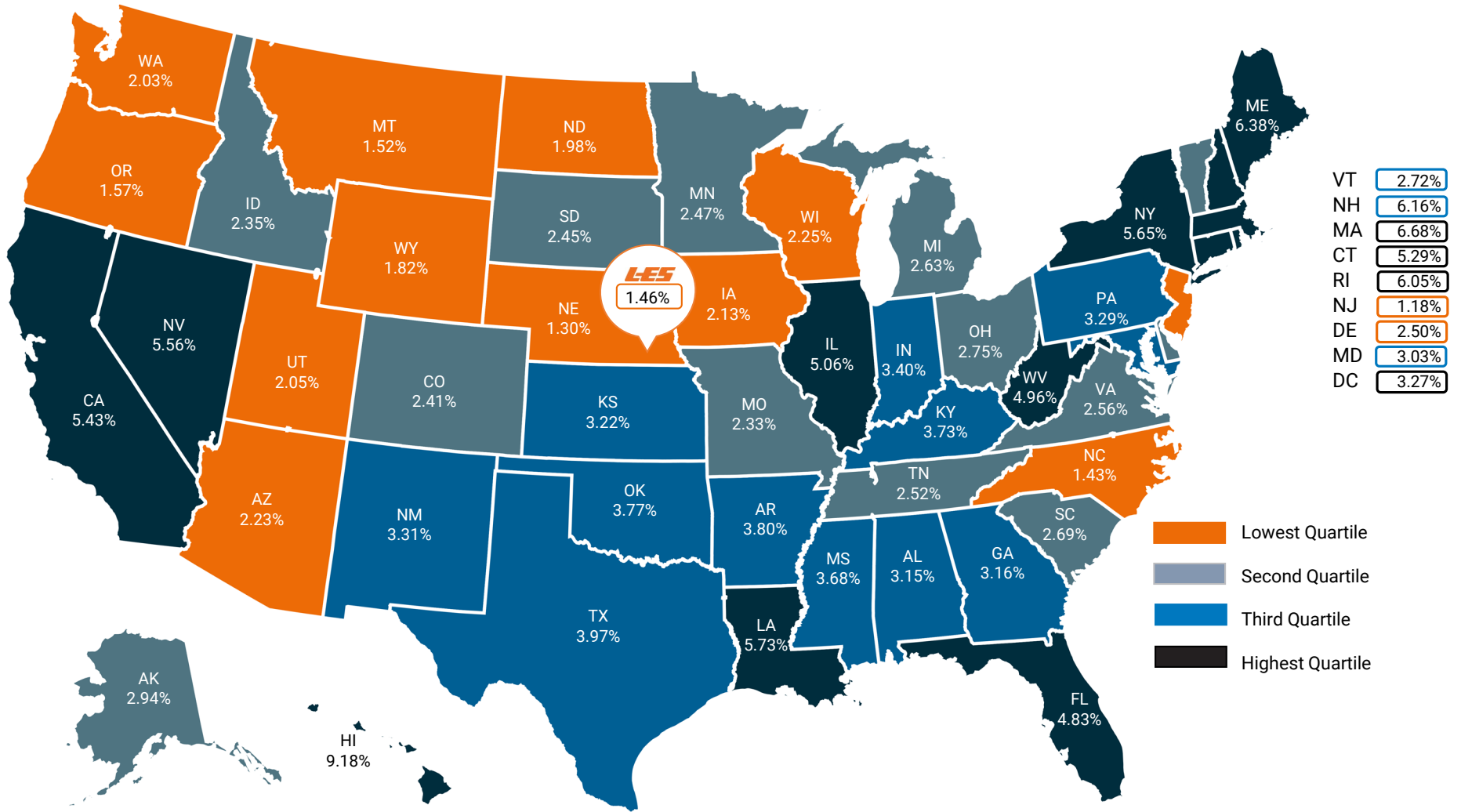
Figure 12: All Retail Sectors All-In Price Stability - The 50 Best-Ranked Cities





Competitive Market Study: Electricity Pricing Metrics

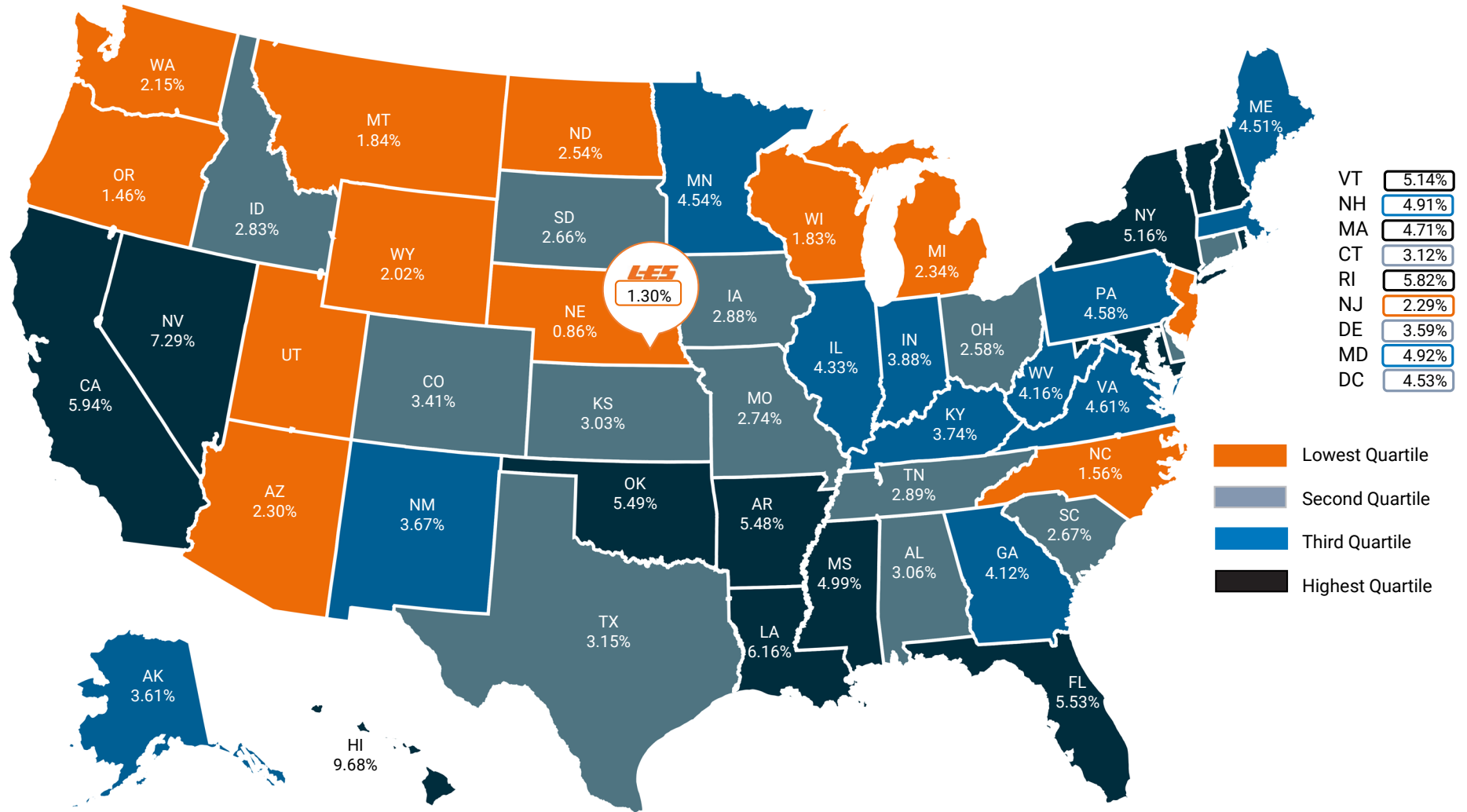
Figure 13: State Residential All-In Price Stability



Data Source(s): EIA Electric Sales, Revenue, and Average Price, Table 5A; Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



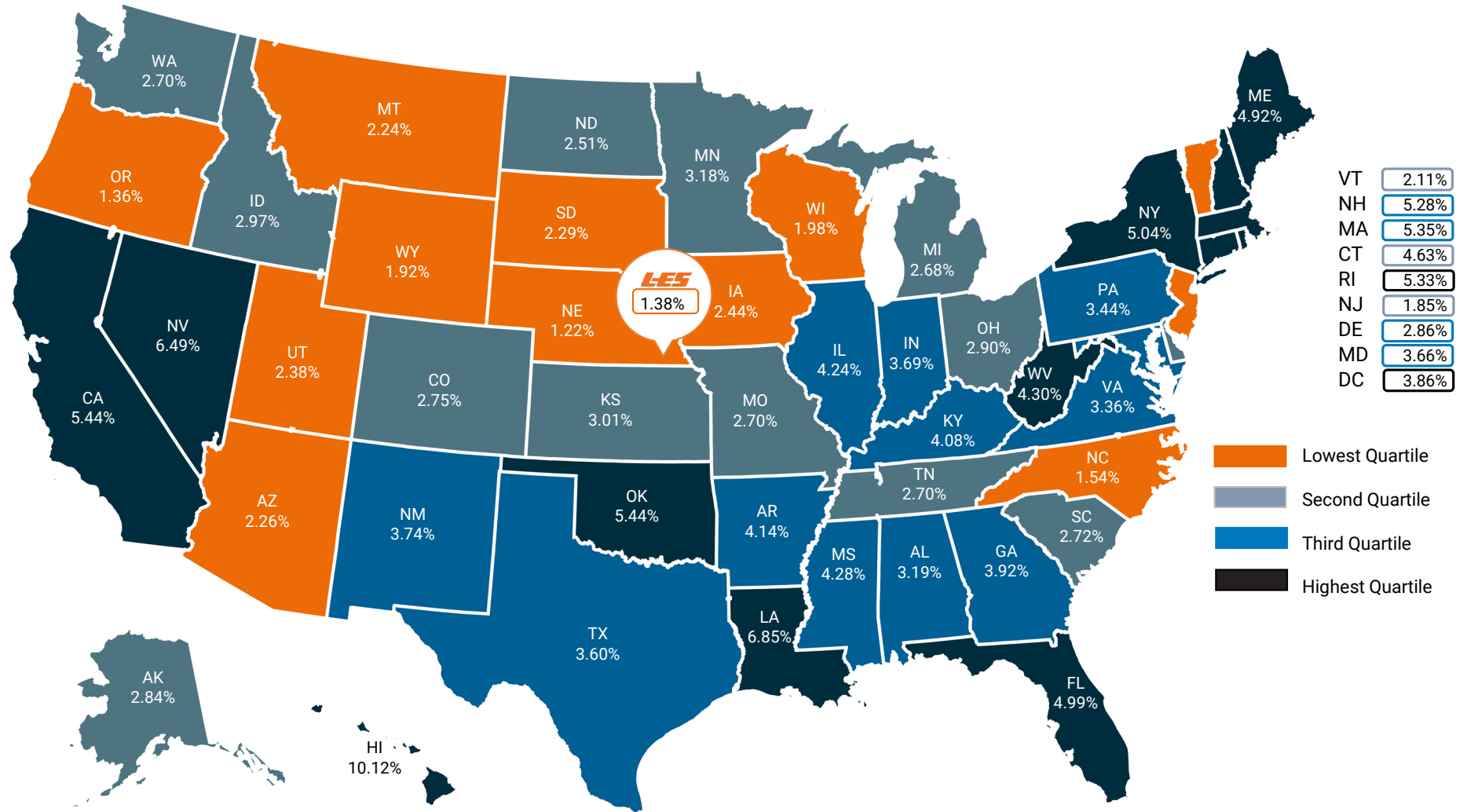
Figure 14: State Commercial All-In Price Stability



Data Source(s): EIA Electric Sales, Revenue, and Average Price, Table 5B; Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Figure 15: State Industrial All-In Price Stability

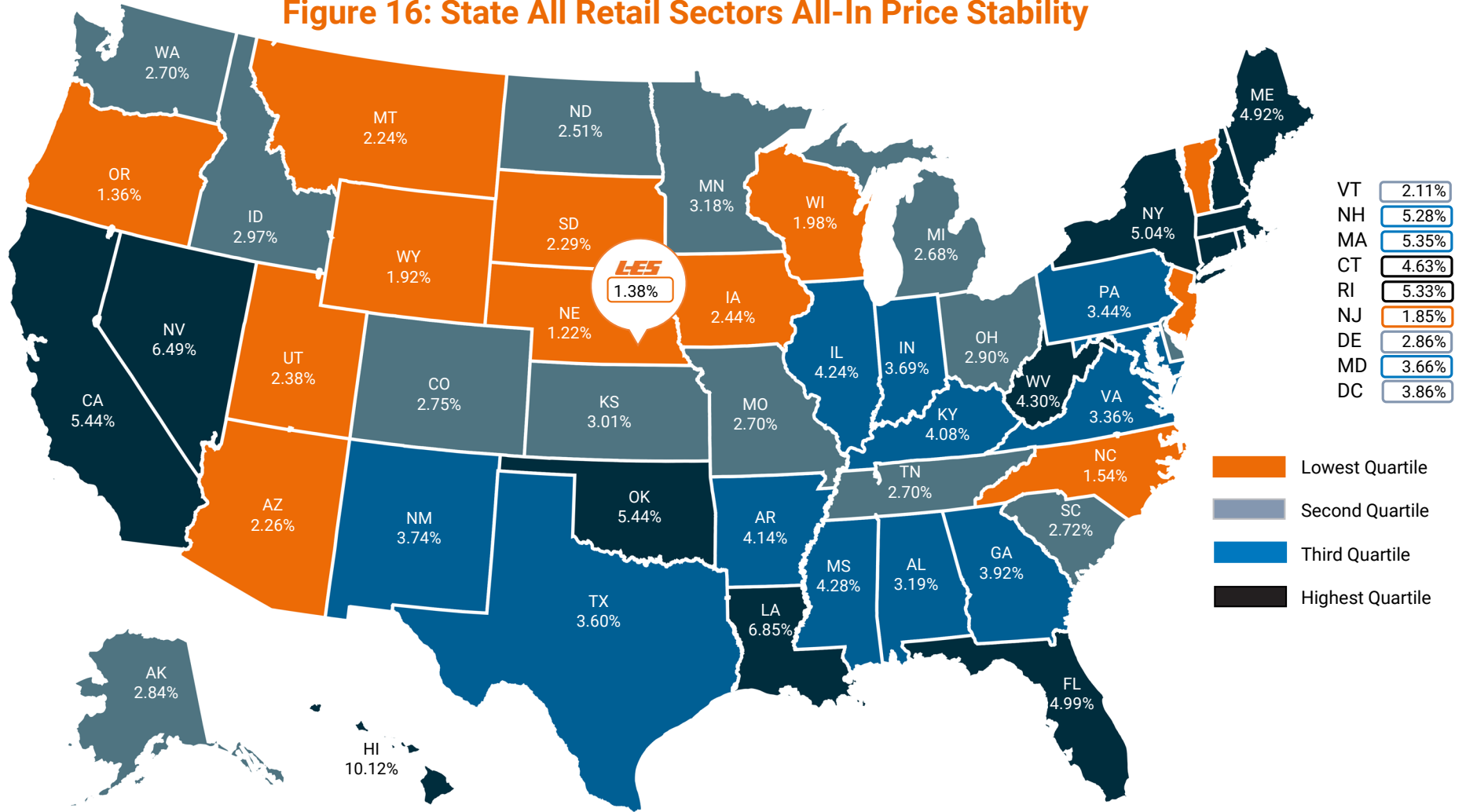


Data Source(s): EIA Electric Sales, Revenue, and Average Price, Table 5C; Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Competitive Market Study: Electricity Pricing Metrics

Figure 16: State All Retail Sectors All-In Price Stability



Data Source(s): Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Competitive Market Study: Affordability Metrics

AFFORDABILITY METRICS



Electricity affordability, especially for residential customers, impacts how individuals manage their finances. This is especially true for low-income customers who must consider all living expenses when paying their bills. As a result, measuring the affordability of electricity is an important benchmark for utilities.

Three metrics were used to measure the affordability of electricity: Residential Average Monthly Bill, Residential Average Cost per Day, and Residential Electric Bill as a Percent of Household Income.

The Residential Monthly Bill metric was utilized to measure average monthly customer electrical costs. This metric was determined by calculating the average price of electricity and then multiplying it by the utility's or state's average monthly kilowatt-hours (kWh) to obtain the average monthly bill.

The Average Residential Cost per Day was used to measure the average cost incurred by the customer per day to use electricity. This metric was calculated by dividing the sum of the monthly bills by the number of days in the year.

Residential Electric Bill Percent of Household Income was used to measure how much of their total income households spent on electricity. This metric was determined by multiplying the average monthly bill by the number of months in the year and then dividing it by the median household income for the city or state.

The information used to calculate the metrics was obtained from the EIA using 2022 data. The median household income information used to calculate the Residential Electric Bill Percent of Household Income metric was obtained from the U.S. Census Bureau's American Community Survey 5-Year Estimates (2017-2021).

Affordability Metrics Rankings				
Metric	LES	LES Ranking	NE	NE Ranking
	Metric Value	(Out of 87 Cities)	Metric Value	(Out of 51 States)
Average Monthly Residential Bill	\$ 83.73	7	\$ 112.57	12
Residential Average Cost per Day	\$ 2.75	7	\$ 3.70	12
Residential Electric Bill % of Household Income	1.61%	12	2.03%	17

The results indicate that LES electricity is more affordable to residential customers than most cities.



Competitive Market Study: Affordability Metrics

Major Affordability Metric Changes - Decreases

Below are the ten largest Average Monthly Residential Bill and Residential Cost per Day decreases for the study's cities. Residential bill and cost-per-day decreases are driven mainly by reductions in fuel costs and wholesale market price drops for electricity. With the increase in home prices in 2022, many residential customers began moving into smaller houses and apartments. This led to an increase in customers who are using less electricity than before. The addition of customers who are consuming less electricity would lower the overall cost of electricity.

Average Monthly Residential Bill					
City	Bill Rank		Average Bill		Bill Percent Change
	Current Year	Prior Year	Current Year	Prior Year	
Lansing, MI	11	24	\$88.39	\$96.22	-8.14%
High Point, NC	27	47	\$103.84	\$112.25	-7.49%
Bridgeport, CT	49	77	\$130.52	\$140.92	-7.38%
Anchorage, AK	24	40	\$101.62	\$109.11	-6.86%
Cheyenne, WY	10	22	\$87.65	\$92.24	-4.98%
Myrtle Beach, SC	34	49	\$109.58	\$113.19	-3.19%
Turlock, CA	60	76	\$138.71	\$140.47	-1.25%
Albuquerque, NM	6	12	\$83.44	\$84.01	-0.68%
Newark, NJ	22	30	\$100.63	\$100.70	-0.07%
Kansas City, MO	37	45	\$111.05	\$111.07	-0.02%

Residential Average Cost per Day					
City	Price Rank		Price		Price Percent Change
	Current Year	Prior Year	Current Year	Prior Year	
Lansing, MI	11	24	\$2.91	\$3.16	-8.14%
High Point, NC	26	47	\$3.41	\$3.69	-7.49%
Bridgeport, CT	49	77	\$4.29	\$4.63	-7.38%
Anchorage, AK	24	40	\$3.34	\$3.59	-6.86%
Cheyenne, WY	10	22	\$2.88	\$3.03	-4.98%
Myrtle Beach, SC	34	49	\$3.60	\$3.72	-3.19%
Turlock, CA	59	76	\$4.56	\$4.62	-1.25%
Albuquerque, NM	6	12	\$2.74	\$2.76	-0.68%
Newark, NJ	22	30	\$3.31	\$3.31	-0.07%
Kansas City, MO	37	45	\$3.65	\$3.65	-0.02%

Below are the ten largest Residential Electric Bill Percent of Household Income decreases for the study's cities. No single driver drove these decreases; reasons range from increases in mean household income to reductions in residential electric bills. The increase of lower residential electricity users, as mentioned above, would also impact the impact the cost of electricity has on household income.

Residential Electric Bill Percent of Household Income					
City	% of Household Income Rank		% of Household Income Bill		Percentage Point Change
	Current Year	Prior Year	Current Year	Prior Year	
Bridgeport, CT	66	80	3.10%	3.56%	-0.46%
High Point, NC	36	59	2.29%	2.71%	-0.42%
Lansing, MI	35	49	2.28%	2.61%	-0.33%
Newark, NJ	58	73	2.92%	3.22%	-0.30%
Turlock, CA	38	62	2.50%	2.77%	-0.27%
Myrtle Beach, SC	56	71	2.88%	3.13%	-0.25%
Anchorage, AK	6	9	1.37%	1.54%	-0.17%
Toledo, OH	64	72	2.99%	3.15%	-0.16%
Kansas City, MO	34	37	2.22%	2.37%	-0.15%
Cheyenne, WY	9	15	1.49%	1.61%	-0.12%



Competitive Market Study: Affordability Metrics

Major Affordability Metric Changes - Increases

Below are the ten largest Average Monthly Residential Bill and Residential Cost per Day increases for the study's cities. The biggest driver in residential bills and cost-per-day increases was the dramatic increase in fossil fuels used for electric power generation beginning in 2021 and continuing through 2022. Other factors are operation costs and capital projects.

Average Monthly Residential Bill					
City	Bill Rank		Average Bill		Bill
	Current Year	Prior Year	Current Year	Prior Year	Percent Change
Dayton, OH	42	14	\$119.31	\$86.85	37.37%
Portland, ME	51	28	\$132.62	\$98.37	34.82%
Gainesville, FL	54	33	\$137.98	\$103.25	33.64%
Manchester, NH	78	58	\$159.90	\$121.38	31.74%
Honolulu, HI	87	85	\$208.49	\$162.69	28.15%
Austin, TX	31	11	\$106.42	\$83.46	27.51%
Allentown, PA	77	60	\$156.52	\$123.38	26.86%
Oklahoma City, OK	69	51	\$145.57	\$115.01	26.57%
Jacksonville, FL	73	57	\$151.07	\$121.32	24.52%
Tulsa, OK	58	46	\$138.37	\$111.27	24.36%

Residential Average Cost per Day					
City	Price Rank		Price		Price Percent
	Current Year	Prior Year	Current Year	Prior Year	Change
Dayton, OH	42	14	\$3.92	\$2.86	37.37%
Portland, ME	51	28	\$4.36	\$3.23	34.82%
Gainesville, FL	54	33	\$4.54	\$3.39	33.64%
Manchester, NH	78	57	\$5.26	\$3.99	31.74%
Honolulu, HI	87	85	\$6.85	\$5.35	28.15%
Austin, TX	31	11	\$3.50	\$2.74	27.51%
Allentown, PA	77	60	\$5.15	\$4.06	26.86%
Oklahoma City, OK	69	51	\$4.79	\$3.78	26.57%
Jacksonville, FL	73	57	\$4.97	\$3.99	24.52%
Tulsa, OK	58	46	\$4.55	\$3.66	24.36%

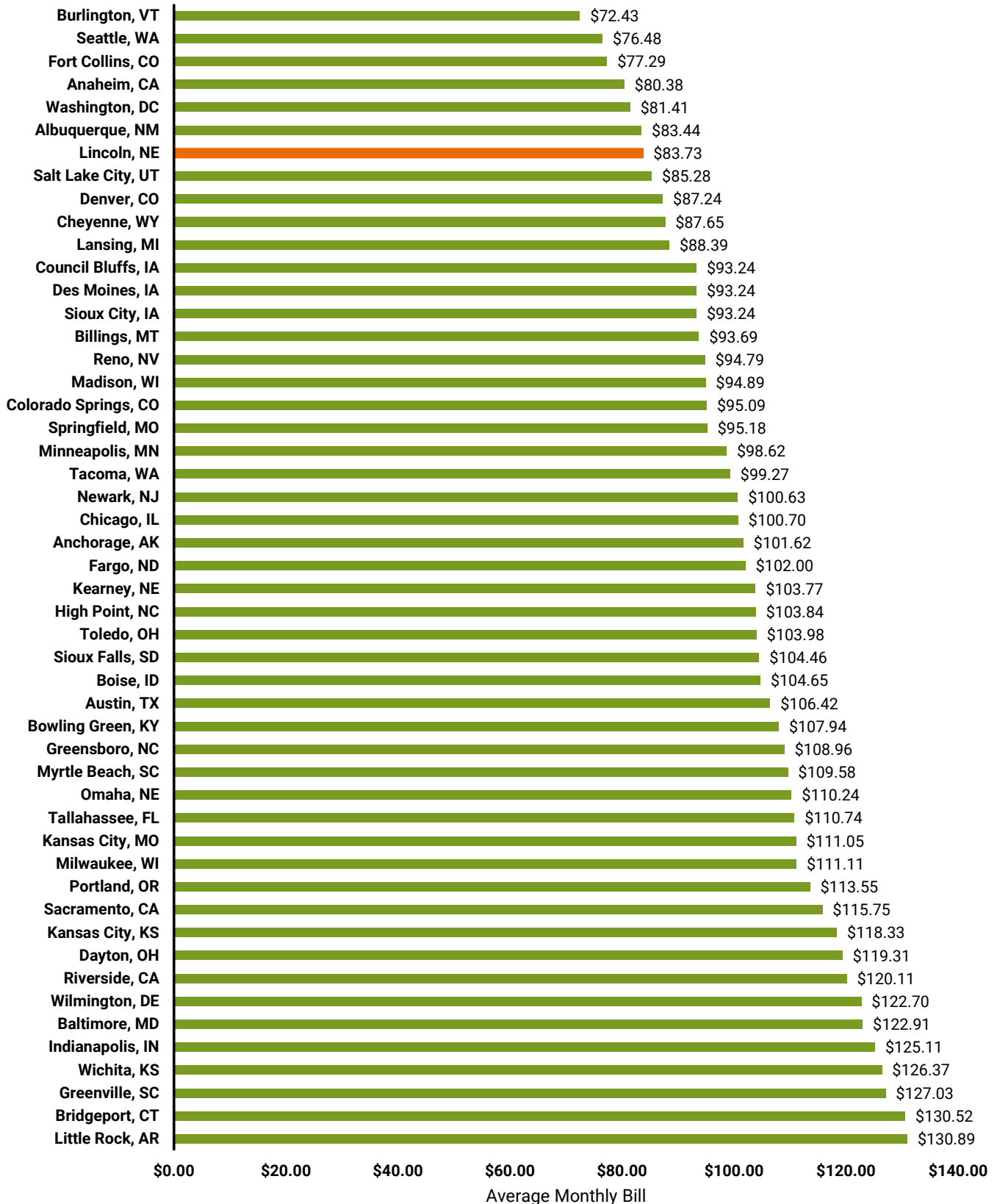
Below are the ten largest Residential Electric Bill Percent of Household Income increases for the study's cities. No single driver drove these increases; reasons range from reductions in mean household income to increases in residential electric bills.

Residential Electric Bill Percent of Household Income					
City	% of Household Income Rank		% of Household Income Bill		Percentage Point
	Current Year	Prior Year	Current Year	Prior Year	Change
Dayton, OH	77	66	3.81%	3.02%	0.79%
Gainesville, FL	83	75	4.04%	3.26%	0.78%
Honolulu, HI	71	55	3.27%	2.69%	0.58%
Allentown, PA	79	76	3.94%	3.38%	0.56%
Lafayette, LA	69	47	3.14%	2.59%	0.55%
Waco, TX	87	87	4.86%	4.32%	0.54%
Baton Rouge, LA	83	79	4.04%	3.51%	0.53%
Manchester, NH	55	36	2.87%	2.35%	0.52%
Lima, OH	86	86	4.70%	4.19%	0.51%
Portland, ME	37	25	2.41%	1.91%	0.50%



Competitive Market Study: Affordability Metrics

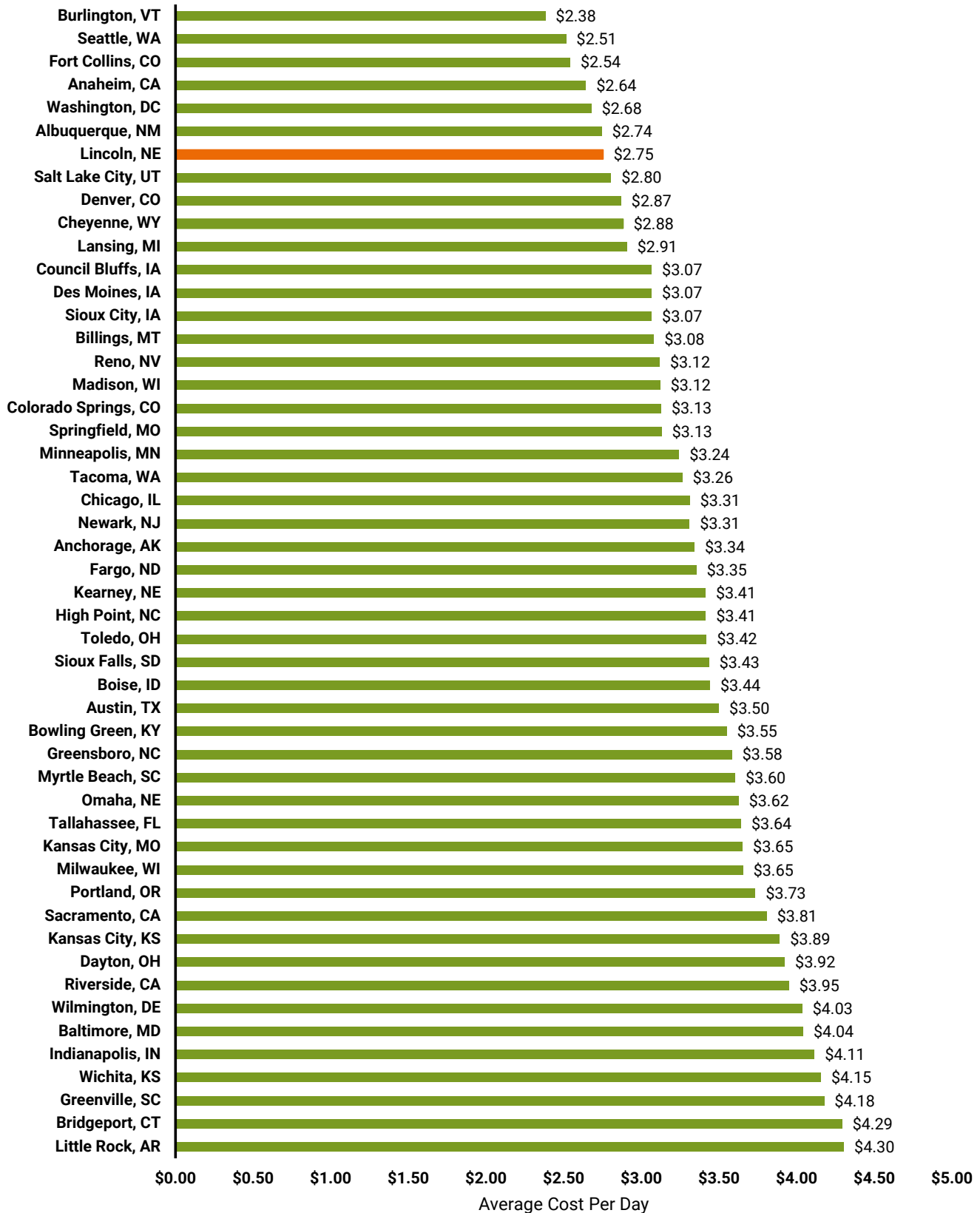
Figure 17: Average Monthly Residential Bill - The 50 Best-Ranked Cities





Competitive Market Study: Affordability Metrics

Figure 18: Average Residential Cost per Day - The 50 Best-Ranked Cities





Competitive Market Study: Affordability Metrics

Figure 19: Residential Electric Bill Percent of Household Income - The 50 Best-Ranked Cities

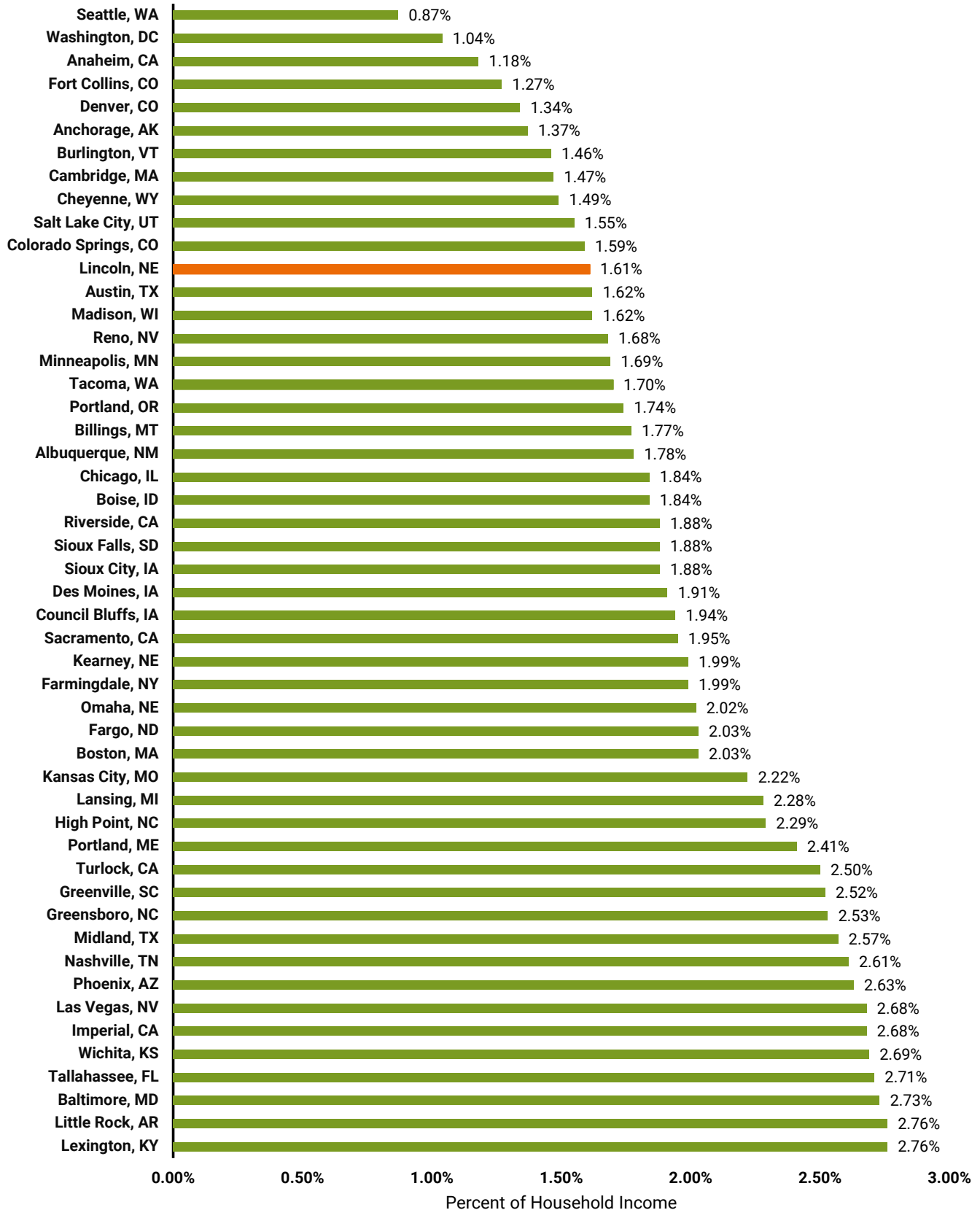
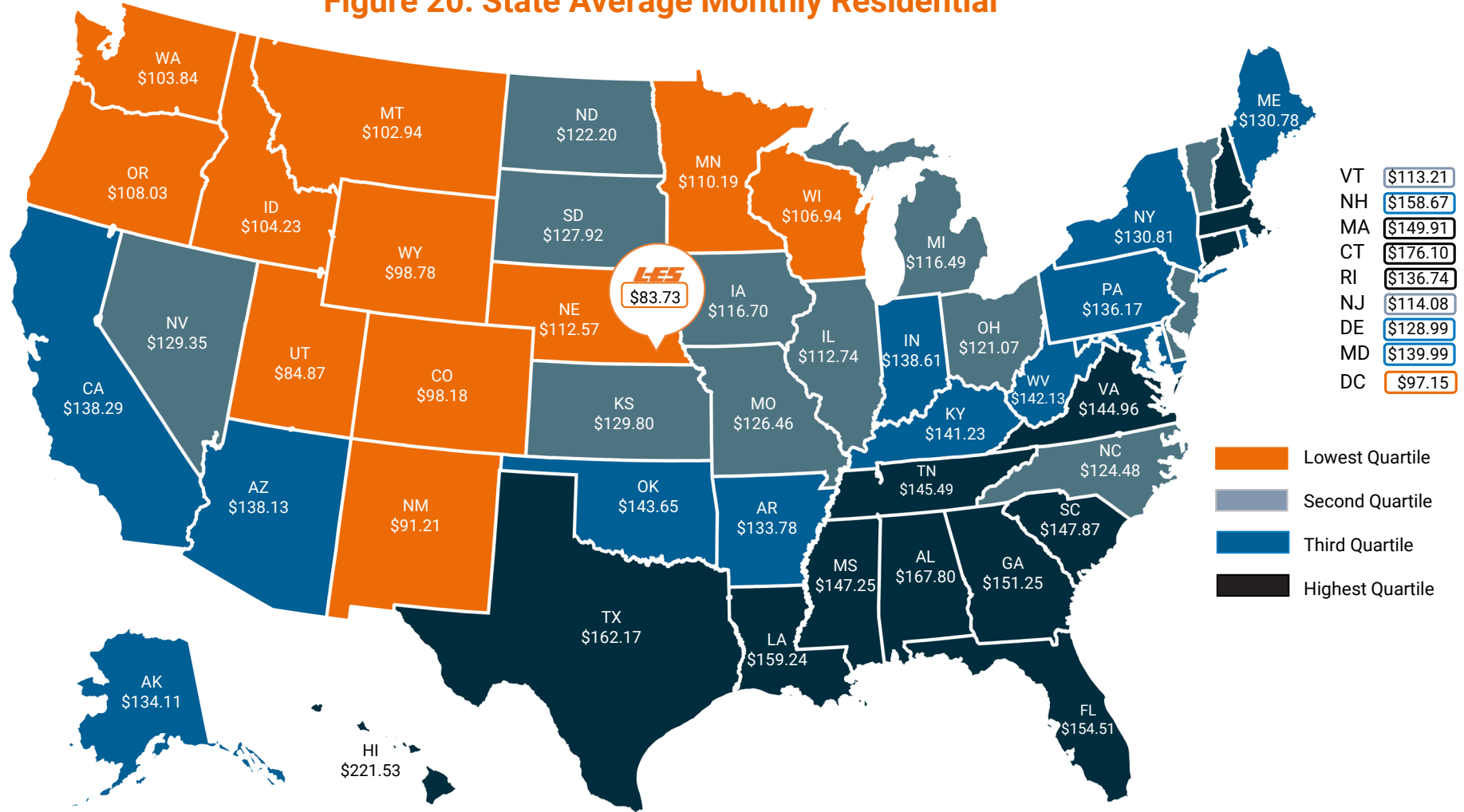




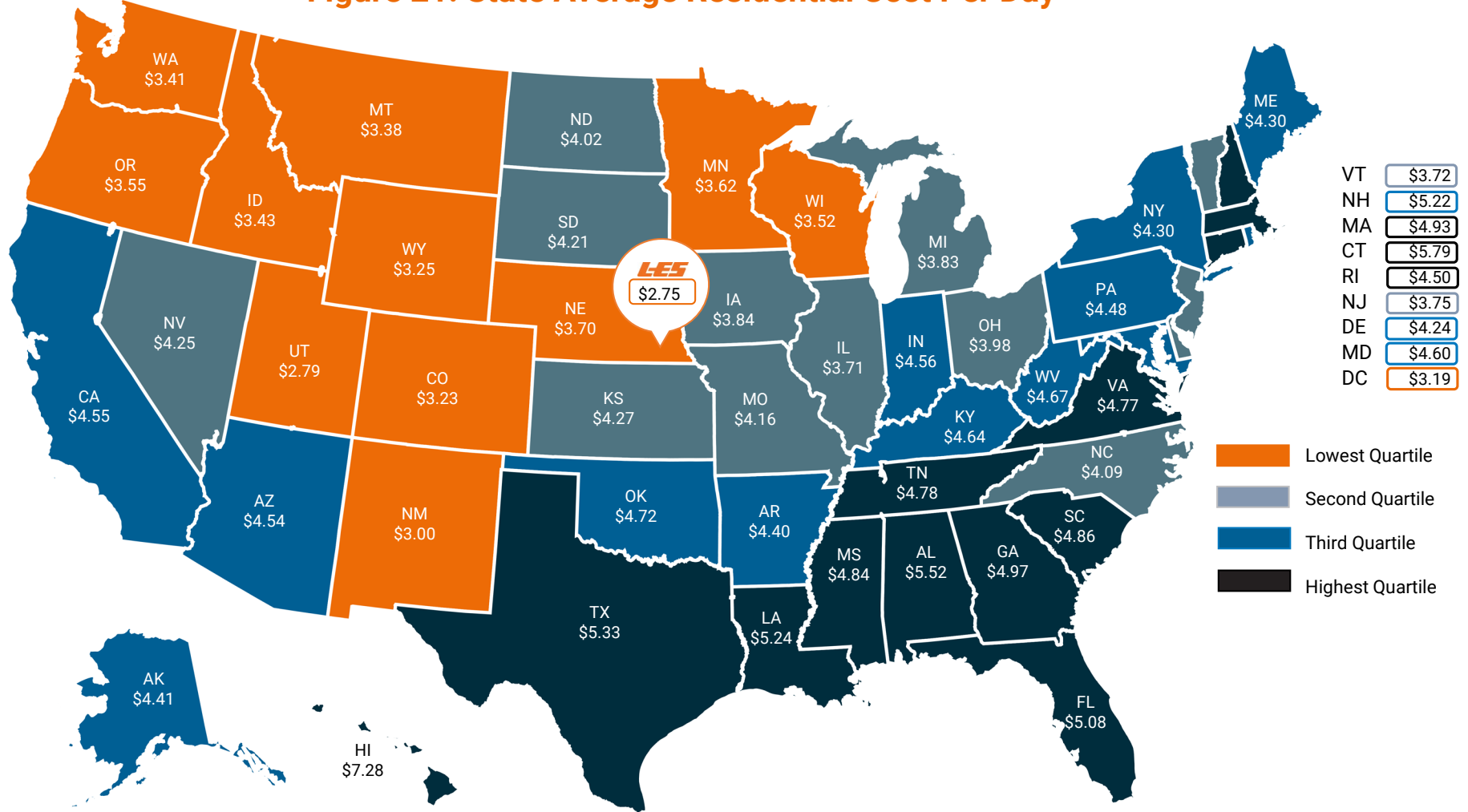
Figure 20: State Average Monthly Residential



Data Source(s): EIA Electric Sales, Revenue, and Average Price, Table 5B; Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



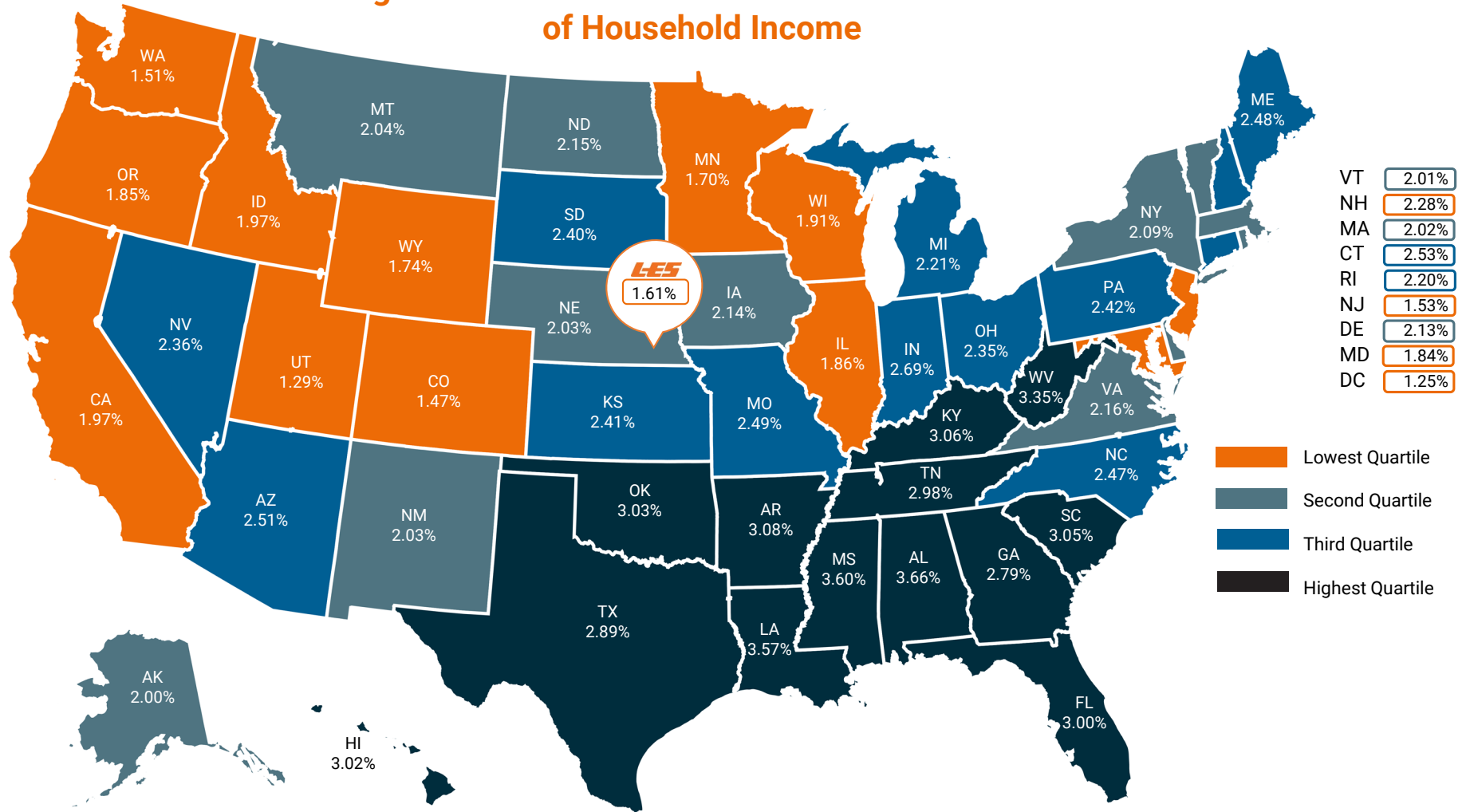
Figure 21: State Average Residential Cost Per Day



Data Source(s): EIA Electric Sales, Revenue, and Average Price, Table 5C; Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Figure 22: State Residential Electric Bill Percent of Household Income



Data Source(s): EIA Electric Sales, Revenue, and Average Price, Table 5A; Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Competitive Market Study: Electric Reliability Metrics

ELECTRIC RELIABILITY METRICS



One of the foremost responsibilities of electric utilities is providing reliable service to its customers. Modern life runs on electricity, so disruptions to the electric system can significantly impact daily life and commerce. Due to this, a key performance indicator for electric utilities is the ability to provide reliable service to customers.

An industry-standard metric used to measure reliability by electric utilities is the System Average Interruption Duration Index (SAIDI). This metric measures the total time an average customer experiences a non-momentary power interruption throughout a given year. For the utilities that follow the standards set by the Institute of Electrical and Electronics Engineers (IEEE), non-momentary disruptions are those that last longer than five minutes. SAIDI scores in the study are calculated as seen in the equation below:

$$SAIDI = \frac{(\# \text{ of Customers Affected} * \text{Duration of Interruption})}{\# \text{ of Customers in the System}}$$

SAIDI is reported with and without Major Event Days (MED). A MED is any day that interruptions to the electrical grid occur due to significant events such as winter or summer storms, hurricanes, wildfires, and tornados. These MEDs can drastically affect SAIDI scores and can cause significant year-to-year changes. Due to this, the reliability metrics used in this study are both those with and without MED.

Information from the Energy Information Administration (EIA) was used to obtain the SAIDI scores used in the study¹. EIA annually collects SAIDI and other reliability metric scores from utilities and publishes that data. The data used in the study is the latest available EIA data for the calendar year 2022.

The state SAIDI values used in the study were calculated by taking the average for each state's reporting utilities' SAIDI scores weighted by the number of customers served by each utility.

Reliability Metrics Rankings				
Metric	LES Reliability	LES Ranking ¹ (Out of 82 Cities)	NE Reliability	NE Ranking (Out of 51 States)
SAIDI With Major Event Day	16.54	2	82.06	4
SAIDI Without Major Event Day	13.76	1	62.33	4

These results indicate that LES is one of the best-performing utilities in electrical reliability compared to most cities. Also, the results show that Nebraska is one of the best-performing states in electric reliability, excluding major event days.

¹ SAIDI values with and without MED rankings don't include TXU Energy, Reliant Energy, and City Burlington Electric as they do not report these values to EIA. SAIDI values without MED rankings also exclude City Utilities of Springfield, Chugach Electric Association Incorporated, and City of Tallahassee Electric Utility.



Competitive Market Study: Electric Reliability Metrics

Major Reliability Metric Changes - Decreases

Below are the ten largest SAIDI with MED decreases for the study's cities. Reductions in SAIDI with MED are mainly driven by reductions in major event days for the cities' utilities that previously drove up their SAIDI with MED score.

<i>System Average Interruption Duration Index (SAIDI) with Major Event Days (Minutes)</i>					
City	SAIDI with MED Rank		SAIDI with MED		SAIDI with MED Percent Change
	Current Year	Prior Year	Current Year	Prior Year	
Baton Rouge, LA	65	82	271.20	6692.00	-95.95%
Austin, TX	28	79	85.12	1921.89	-95.57%
Omaha, NE	19	77	63.80	923.00	-93.09%
Portland, OR	69	81	349.00	2724.00	-87.19%
Tallahassee, FL	1	21	13.88	88.90	-84.38%
Pawtucket, RI	27	72	81.94	448.55	-81.73%
Colorado Springs, CO	9	55	42.27	230.96	-81.70%
Cheyenne, WY	11	57	49.42	239.24	-79.34%
Springfield, MA	56	73	196.70	640.82	-69.30%
Cambridge, MA	56	73	196.70	640.82	-69.30%

Below are the ten largest SAIDI without MED decreases for the study's cities. The reductions in SAIDI without MED were driven by improved response to outage events and a reduction in reported outage events for these cities' utilities.

<i>System Average Interruption Duration Index (SAIDI) without Major Event Days (Minutes)</i>					
City	SAIDI without MED Rank		SAIDI without MED		SAIDI without MED Percent Change
	Current Year	Prior Year	Current Year	Prior Year	
Anaheim, CA	7	32	25.49	70.90	-64.05%
Washington, DC	8	11	26.33	42.00	-37.31%
Gainesville, FL	19	38	52.62	78.33	-32.82%
Madison, WI	3	6	22.27	31.92	-30.24%
Colorado Springs, CO	10	15	36.24	49.90	-27.37%
Imperial, CA	21	30	54.53	70.60	-22.76%
Portland, ME	71	75	172.49	219.60	-21.45%
Lincoln, NE	1	1	13.76	17.10	-19.53%
Manchester, NH	40	50	78.80	96.78	-18.58%
College Station, TX	2	5	18.00	22.10	-18.55%

As seen above, LES was among the utilities that saw some of the best improvement, with a 19.53% reduction in SAIDI without MED minutes. This continued improvement allowed LES to maintain its number one rank from 2021 to 2022.



Competitive Market Study: Electric Reliability Metrics

Major Reliability Metric Changes - Increases

Below are the ten largest SAIDI with MED increases for the study's cities. Increases in SAIDI with MED are mainly driven by increases in major event days for these cities' utilities, such events being hurricanes, tornados, and winter and summer storms.

<i>System Average Interruption Duration Index (SAIDI) with Major Event Days (Minutes)</i>					
City	SAIDI with MED Rank		SAIDI with MED		SAIDI with MED Percent Change
	Current Year	Prior Year	Current Year	Prior Year	
Evansville, IN	72	17	454.30	78.60	477.99%
Sioux Falls, SD	73	24	465.94	99.62	367.71%
Reno, NV	76	44	536.48	160.58	234.09%
Manchester, NH	77	53	552.20	182.68	202.28%
Madison, WI	36	3	110.27	39.63	178.23%
Portland, ME	81	67	856.40	327.00	161.90%
Lima, OH	78	56	595.30	231.00	157.71%
Greenville, SC	70	43	371.75	156.52	137.51%
Baltimore, MD	67	41	305.86	146.91	108.20%
Greensboro, NC	74	61	474.38	259.00	83.16%

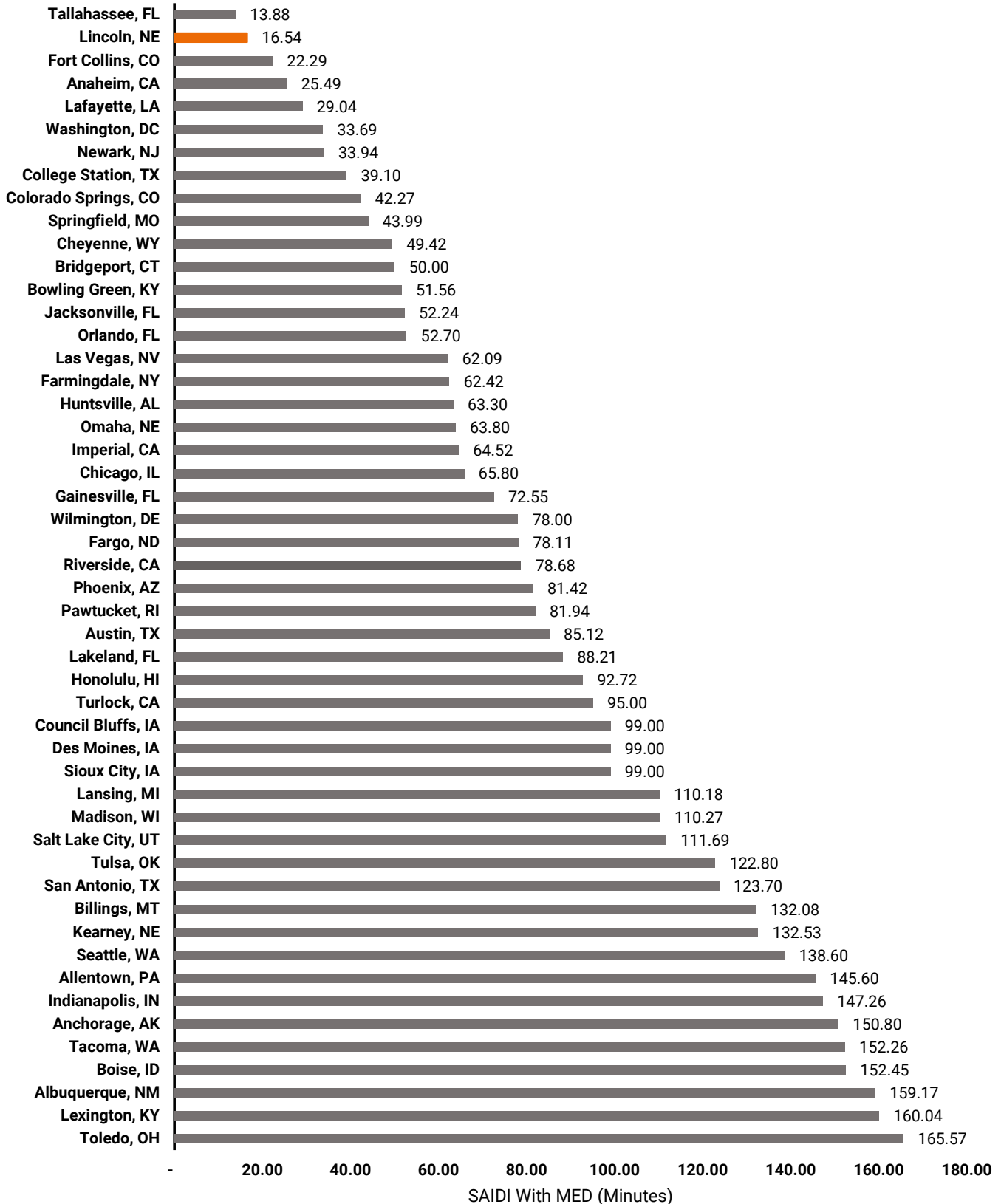
Below are the ten largest SAIDI without MED increases for the study's cities. Increases in SAIDI without MED are driven by a diminished response to outage events and an increase in reported outage events for these cities' utilities.

<i>System Average Interruption Duration Index (SAIDI) without Major Event Days (Minutes)</i>					
City	SAIDI without MED Rank		SAIDI without MED		SAIDI without MED Percent Change
	Current Year	Prior Year	Current Year	Prior Year	
High Point, NC	74	53	182.16	100.17	81.86%
Little Rock, AR	78	77	393.60	263.30	49.49%
Evansville, IN	52	29	103.40	69.70	48.35%
Lakeland, FL	35	17	73.36	52.01	41.04%
Toledo, OH	48	27	95.44	68.60	39.12%
Cheyenne, WY	13	7	42.01	31.95	31.49%
Charleston, WV	79	79	738.90	572.20	29.13%
Greenville, SC	75	70	187.81	147.82	27.05%
Boise, ID	68	63	151.68	119.76	26.65%
Myrtle Beach, SC	6	3	23.70	18.94	25.13%



Competitive Market Study: Electric Reliability Metrics

Figure 23: System Average Interruption Duration Index (SAIDI) with Major Event Days - The 50 Best-Ranked Cities





Competitive Market Study: Electric Reliability Metrics

Figure 24: System Average Interruption Duration Index (SAIDI) without Major Event Days - The 50 Best-Ranked Cities

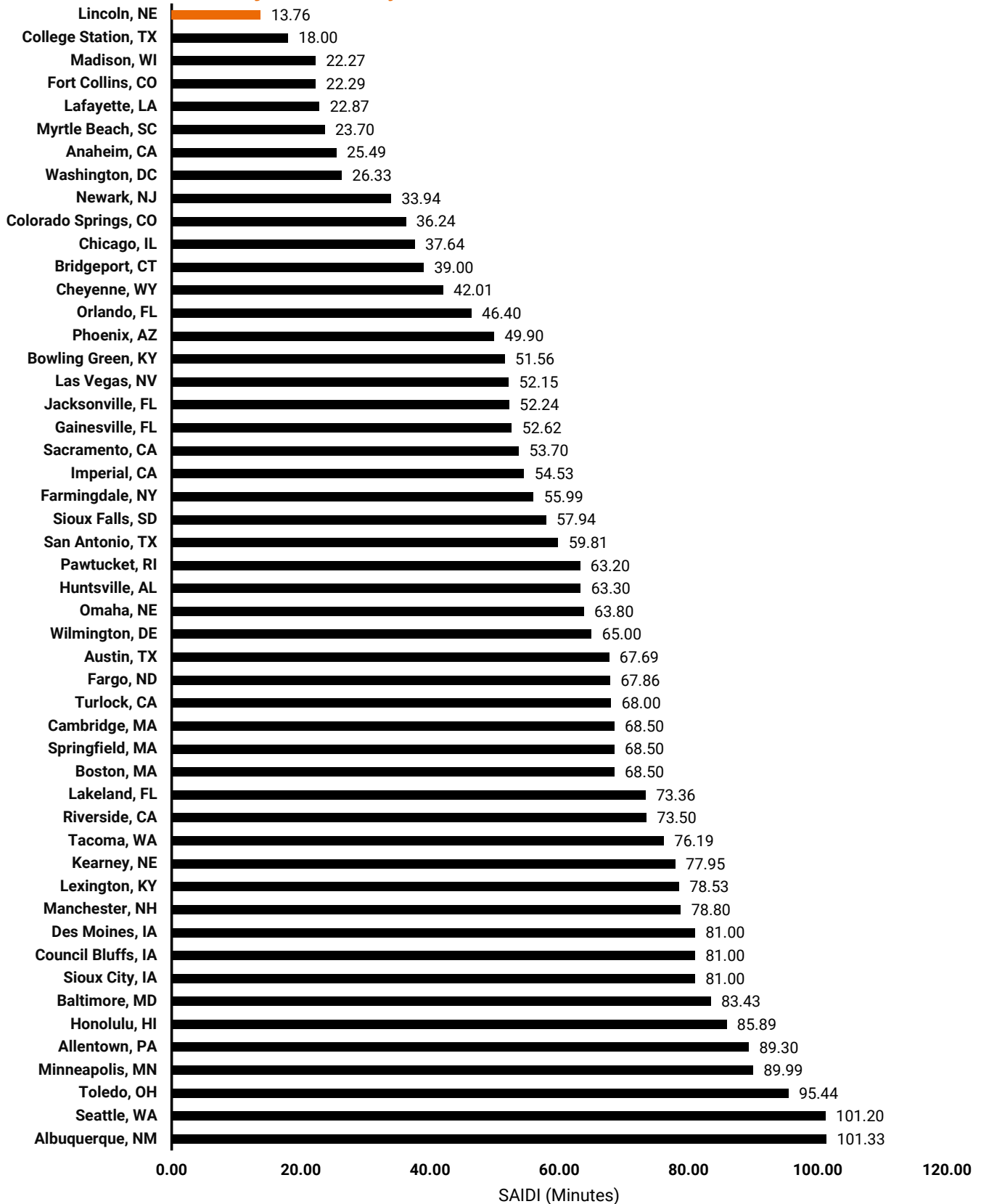
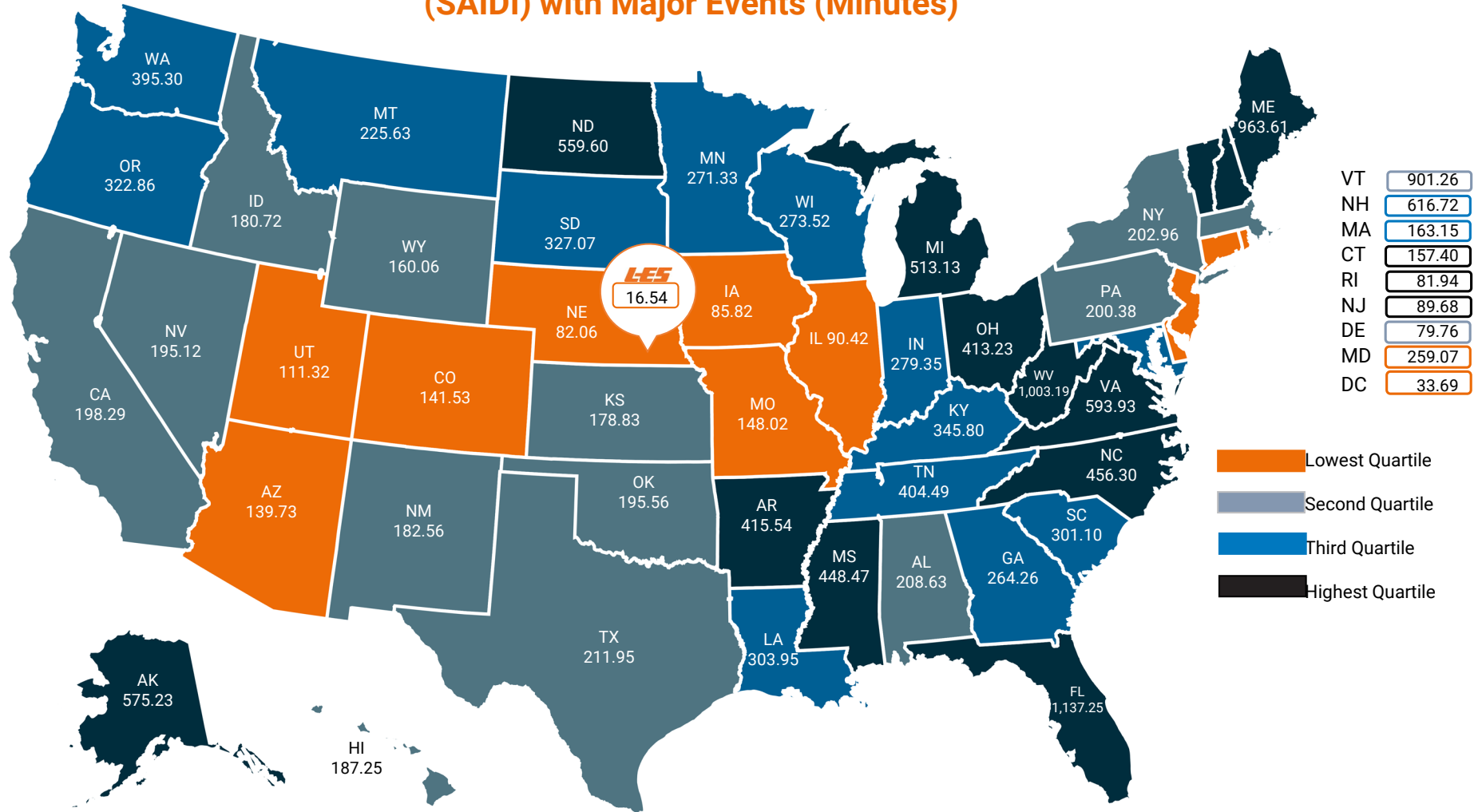




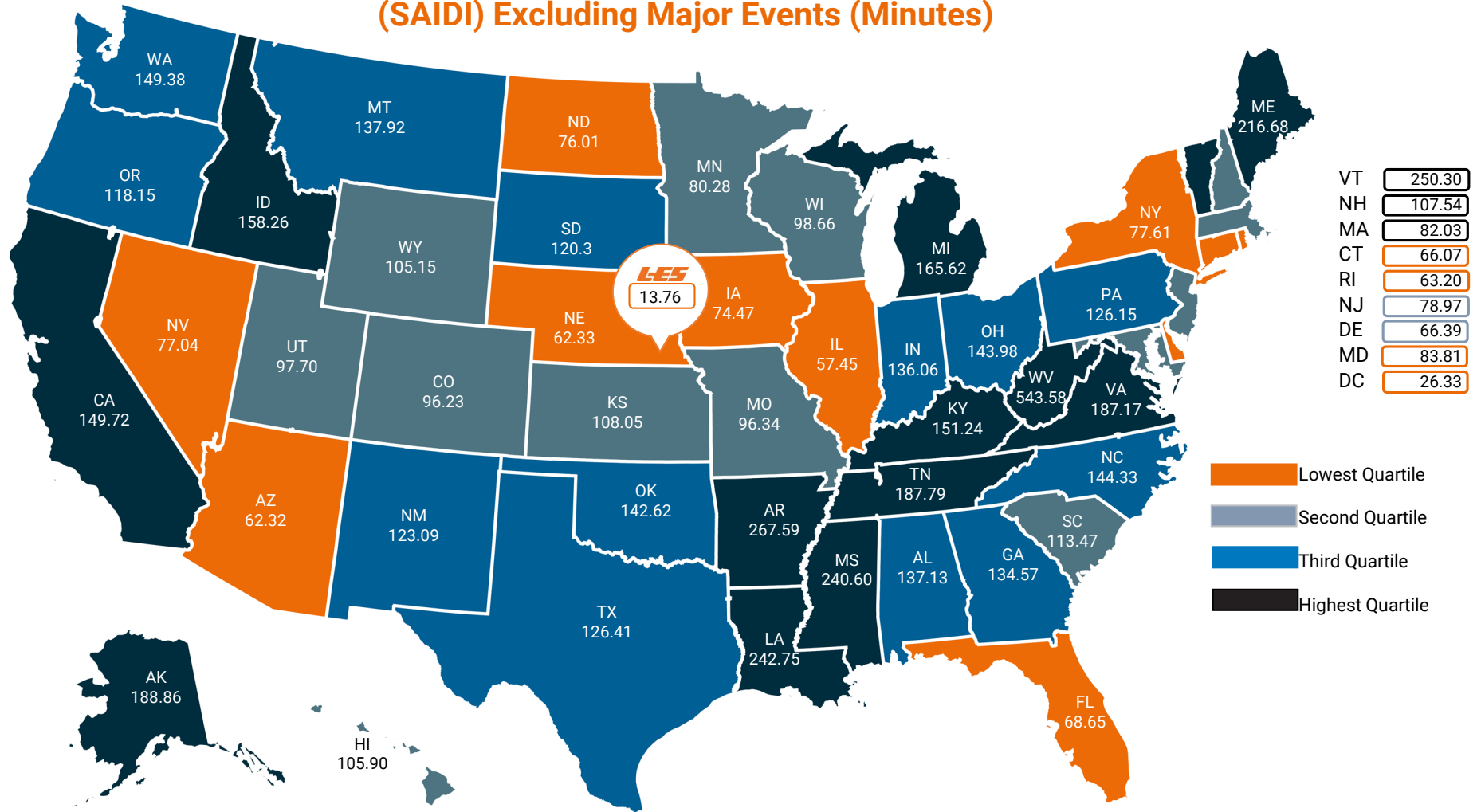
Figure 25: State System Average Interruption Duration Index (SAIDI) with Major Events (Minutes)



Data Source(s): EIA Electric Sales, Revenue, and Average Price, Table 5B; Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Figure 26: State System Average Interruption Duration Index (SAIDI) Excluding Major Events (Minutes)



Data Source(s): EIA Electric Sales, Revenue, and Average Price, Table 5A; Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Competitive Market Study: Appendix

SOURCE OF DATA



LES obtained most of the data for utilities and states from the U.S. Energy Information Administration (EIA), a federal entity tasked with aggregating and publishing American energy information. For most figures in the report, 2022 EIA data was utilized due to a reporting time lag caused by processing and reviewing data from U.S. utilities. EIA data is from the Annual Electric Power Industry Report (Form EIA 861) and the Electric Sales, Revenue, and Average Price report.

Information regarding U.S. median household income data used to calculate the Residential Electric Bill Percent of Household Income metric was obtained from the U.S. Census Bureau's American Community Survey 5-Year Estimates (2017-2021). Furthermore, information about a state's electric market, as seen in the state tables in the appendix, was obtained from the American Public Power Association (APPA) in their APPA Retail Electric Rates in Deregulated and Regulated States Report.



Table 1: Residential Average All-In Price - Cities				
City/State	Utility	Utility Type	Rank	Average All In Price (cents/kWh)
Lincoln, NE	Lincoln Electric System	Municipal	1	9.72
Tacoma, WA	Tacoma Public Utilities	Municipal	2	10.03
Kearney, NE	Nebraska Public Power District	Political Subdivision	3	10.27
Greensboro, NC	Duke Energy	Investor Owned	4	10.44
Springfield, MO	City Utilities of Springfield	Municipal	5	10.63
Boise, ID	Idaho Power Company	Investor Owned	6	10.70
Council Bluffs, IA	MidAmerican Energy	Investor Owned	7	11.01
Des Moines, IA	MidAmerican Energy	Investor Owned	7	11.01
Sioux City, IA	MidAmerican Energy	Investor Owned	7	11.01
Salt Lake City, UT	PacifiCorp	Investor Owned	10	11.13
Myrtle Beach, SC	Santee Cooper	State	11	11.33
Greenville, SC	Duke Energy	Investor Owned	12	11.55
Jackson, MS	Entergy Mississippi, Inc.	Investor Owned	13	11.62
Omaha, NE	Omaha Public Power District	Political Subdivision	14	11.68
High Point, NC	High Point Electric Utility Department	Municipal	15	11.70
Huntsville, AL	City of Huntsville	Municipal	16	11.74
Little Rock, AR	Entergy Arkansas, Inc.	Investor Owned	17	11.80
Austin, TX	Austin Energy	Municipal	18	11.85
Bowling Green, KY	Bowling Green Municipal Utilities	Municipal	19	11.86
Phoenix, AZ	Salt River Project	Political Subdivision	20	11.88
Fort Collins, CO	Platte River Power Authority	Municipal	21	11.97
Lafayette, LA	Lafayette Utilities System	Municipal	22	12.00
Seattle, WA	Seattle City Light	Municipal	23	12.12
Lakeland, FL	Lakeland Electric Utility	Municipal	24	12.18
Lexington, KY	Kentucky Utilities Company	Investor Owned	25	12.19
San Antonio, TX	CPS Energy	Municipal	26	12.22
Tulsa, OK	Public Service Company of Oklahoma	Investor Owned	27	12.33
Tallahassee, FL	City of Tallahassee Electric Utility	Municipal	28	12.35
Billings, MT	NorthWestern Energy (formerly Montana Power)	Investor Owned	29	12.43
Dayton, OH	AES Ohio (formerly DP&L)	Investor Owned	30	12.59
Fargo, ND	Northern States Power Company	Investor Owned	31	12.63
Oklahoma City, OK	Oklahoma Gas & Electric Company	Investor Owned	32	12.64
Washington, DC	Potomac Electric Power Company	Investor Owned	33	12.69
Baton Rouge, LA	Entergy Louisiana, LLC	Investor Owned	33	12.69
Kansas City, MO	Evergy (Kansas City Power & Light Co.)	Investor Owned	35	12.97
Indianapolis, IN	Indianapolis Power & Light Company	Investor Owned	36	12.98
Toledo, OH	Toledo Edison - FirstEnergy Corp.	Investor Owned	37	13.13
Nashville, TN	Nashville Electric Service	Municipal	38	13.15
Sioux Falls, SD	Northern States Power Company	Investor Owned	39	13.23
Reno, NV	Sierra Pacific Power Company - NV Energy	Investor Owned	40	13.30
College Station, TX	College Station Utilities	Municipal	40	13.30
Wilmington, DE	Delmarva Power	Investor Owned	42	13.38
Richmond, VA	Dominion Virginia Power	Investor Owned	43	13.41
Baltimore, MD	Baltimore Gas & Electric Company	Investor Owned	44	13.59
Portland, OR	Portland General Electric Company	Investor Owned	45	13.64
Orlando, FL	Orlando Utilities Commission	Municipal	46	14.06
Las Vegas, NV	Nevada Power Company - NV Energy	Investor Owned	47	14.13
Denver, CO	Xcel Energy (Public Service Company of Colorado)	Investor Owned	47	14.13
Wichita, KS	Evergy (Formerly Westar Energy Inc)	Investor Owned	49	14.16
Jacksonville, FL	JEA	Municipal	50	14.17



Competitive Market Study: Appendix

Table 1: Residential Average All-In Price - Cities				
City/State	Utility	Utility Type	Rank	Average All In Price (cents/kWh)
Kansas City, KS	Kansas City Board of Public Utilities	Municipal	51	14.21
Albuquerque, NM	Public Service Company of New Mexico	Investor Owned	52	14.39
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	Investor Owned	53	14.48
Colorado Springs, CO	City of Colorado Springs	Municipal	54	15.10
Laredo, TX	Reliant Energy	Retail Power Marketer	55	15.11
Waco, TX	Reliant Energy	Retail Power Marketer	55	15.11
Savannah, GA	Georgia Power	Investor Owned	57	15.18
Charleston, WV	AEP (Appalachian Power Rate Area)	Investor Owned	58	15.31
Lima, OH	AEP Ohio (Ohio Power Company)	Investor Owned	59	15.48
Auburn, AL	Alabama Power	Investor Owned	60	15.50
Imperial, CA	Imperial Irrigation District - Energy	Political Subdivision	61	15.60
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	Investor Owned	61	15.60
Lansing, MI	Lansing Board of Water & Light	Municipal	63	15.90
Midland, TX	TXU Energy	Retail Power Marketer	64	15.94
Odessa, TX	TXU Energy	Retail Power Marketer	64	15.94
Turlock, CA	Turlock Irrigation District	Political Subdivision	66	15.99
Anaheim, CA	Anaheim Public Utilities	Municipal	67	16.31
Chicago, IL	Commonwealth Edison Company	Investor Owned	68	16.48
Sacramento, CA	Sacramento Municipal Util Dist	Political Subdivision	69	16.74
Allentown, PA	PPL Electric Utilities	Investor Owned	70	16.86
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	Investor Owned	71	16.94
Burlington, VT	City of Burlington Electric	Municipal	72	17.21
Evansville, IN	Southern Indiana Gas & Electric Company	Investor Owned	73	17.32
Newark, NJ	Public Service Electric & Gas Company	Investor Owned	74	17.43
Gainesville, FL	Gainesville Regional Utilities	Municipal	75	17.69
Riverside, CA	Riverside Electric Utility	Municipal	76	18.06
Madison, WI	Madison Gas & Electric Company	Investor Owned	77	18.20
Anchorage, AK	Chugach Electric Association Incorporated	Cooperative	78	19.95
Portland, ME	Central Maine Power Co	Investor Owned	79	22.37
Pawtucket, RI	Narragansett Electric Company	Investor Owned	80	22.98
Bridgeport, CT	United Illuminating Company	Investor Owned	81	23.55
Farmingdale, NY	Long Island Power Authority	State	82	25.22
Manchester, NH	Public Service Company of New Hampshire	Investor Owned	83	25.98
Boston, MA	Eversource (Formerly Boston Edison Company)	Investor Owned	84	29.31
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	Investor Owned	84	29.31
Springfield, MA	Eversource (Formerly Western Massachusetts Electric)	Investor Owned	84	29.31
Honolulu, HI	Hawaiian Electric Company	Investor Owned	87	43.43

Note: Average price was calculated by dividing the utilities' sector revenue by sales of electricity. Anchorage Municipal Light and Power that used to service Anchorage, AK was absorbed by Chugach Electric Association Incorporated.

Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Table 2: Commercial Average All-In Price - Cities				
City/State	Utility	Utility Type	Rank	Average All In Price (cents/kWh)
Greensboro, NC	Duke Energy	Investor Owned	1	7.58
Lincoln, NE	Lincoln Electric System	Municipal	2	7.76
Boise, ID	Idaho Power Company	Investor Owned	3	8.09
Salt Lake City, UT	PacifiCorp	Investor Owned	4	8.18
Kearney, NE	Nebraska Public Power District	Political Subdivision	5	8.19
Tallahassee, FL	City of Tallahassee Electric Utility	Municipal	6	8.76
Council Bluffs, IA	MidAmerican Energy	Investor Owned	7	8.77
Des Moines, IA	MidAmerican Energy	Investor Owned	7	8.77
Sioux City, IA	MidAmerican Energy	Investor Owned	7	8.77
Springfield, MO	City Utilities of Springfield	Municipal	10	8.79
Omaha, NE	Omaha Public Power District	Political Subdivision	11	8.93
Greenville, SC	Duke Energy	Investor Owned	12	9.04
Tulsa, OK	Public Service Company of Oklahoma	Investor Owned	13	9.17
Richmond, VA	Dominion Virginia Power	Investor Owned	14	9.32
Myrtle Beach, SC	Santee Cooper	State	15	9.37
Phoenix, AZ	Salt River Project	Political Subdivision	15	9.37
Little Rock, AR	Entergy Arkansas, Inc.	Investor Owned	17	9.47
Kansas City, MO	Eergy (Kansas City Power & Light Co.)	Investor Owned	18	9.80
Tacoma, WA	Tacoma Public Utilities	Municipal	19	9.85
Oklahoma City, OK	Oklahoma Gas & Electric Company	Investor Owned	20	10.28
High Point, NC	High Point Electric Utility Department	Municipal	21	10.31
Seattle, WA	Seattle City Light	Municipal	22	10.34
Austin, TX	Austin Energy	Municipal	23	10.40
Fort Collins, CO	Platte River Power Authority	Municipal	24	10.45
San Antonio, TX	CPS Energy	Municipal	25	10.54
Lafayette, LA	Lafayette Utilities System	Municipal	26	10.64
Las Vegas, NV	Nevada Power Company - NV Energy	Investor Owned	27	10.75
Reno, NV	Sierra Pacific Power Company - NV Energy	Investor Owned	28	10.80
Lakeland, FL	Lakeland Electric Utility	Municipal	29	10.82
Portland, OR	Portland General Electric Company	Investor Owned	30	10.85
Sioux Falls, SD	Northern States Power Company	Investor Owned	31	10.86
Bowling Green, KY	Bowling Green Municipal Utilities	Municipal	32	11.04
Dayton, OH	AES Ohio (formerly DP&L)	Investor Owned	33	11.16
Charleston, WV	AEP (Appalachian Power Rate Area)	Investor Owned	34	11.19
Orlando, FL	Orlando Utilities Commission	Municipal	35	11.24
Jackson, MS	Entergy Mississippi, Inc.	Investor Owned	36	11.26
College Station, TX	College Station Utilities	Municipal	37	11.31
Wichita, KS	Eergy (Formerly Westar Energy Inc)	Investor Owned	38	11.34
Lima, OH	AEP Ohio (Ohio Power Company)	Investor Owned	39	11.37
Fargo, ND	Northern States Power Company	Investor Owned	40	11.48
Denver, CO	Xcel Energy (Public Service Company of Colorado)	Investor Owned	40	11.48
Huntsville, AL	City of Huntsville	Municipal	40	11.48
Kansas City, KS	Kansas City Board of Public Utilities	Municipal	43	11.56
Albuquerque, NM	Public Service Company of New Mexico	Investor Owned	44	11.60
Baton Rouge, LA	Entergy Louisiana, LLC	Investor Owned	45	11.68
Laredo, TX	Reliant Energy	Retail Power Marketer	46	11.75
Waco, TX	Reliant Energy	Retail Power Marketer	46	11.75
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	Investor Owned	48	11.95
Billings, MT	NorthWestern Energy (formerly Montana Power)	Investor Owned	49	11.96
Colorado Springs, CO	City of Colorado Springs	Municipal	50	11.99



Table 2: Commercial Average All-In Price - Cities				
City/State	Utility	Utility Type	Rank	Average All In Price (cents/kWh)
Nashville, TN	Nashville Electric Service	Municipal	51	12.06
Lexington, KY	Kentucky Utilities Company	Investor Owned	52	12.08
Wilmington, DE	Delmarva Power	Investor Owned	53	12.19
Madison, WI	Madison Gas & Electric Company	Investor Owned	54	12.48
Jacksonville, FL	JEA	Municipal	55	12.53
Savannah, GA	Georgia Power	Investor Owned	56	12.64
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	Investor Owned	57	12.67
Lansing, MI	Lansing Board of Water & Light	Municipal	58	13.16
Turlock, CA	Turlock Irrigation District	Political Subdivision	59	13.26
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	Investor Owned	59	13.26
Newark, NJ	Public Service Electric & Gas Company	Investor Owned	61	13.37
Indianapolis, IN	Indianapolis Power & Light Company	Investor Owned	62	13.47
Chicago, IL	Commonwealth Edison Company	Investor Owned	63	13.86
Auburn, AL	Alabama Power	Investor Owned	64	14.07
Toledo, OH	Toledo Edison - FirstEnergy Corp.	Investor Owned	65	14.10
Evansville, IN	Southern Indiana Gas & Electric Company	Investor Owned	66	14.23
Pawtucket, RI	Narragansett Electric Company	Investor Owned	67	14.27
Allentown, PA	PPL Electric Utilities	Investor Owned	68	14.56
Washington, DC	Potomac Electric Power Company	Investor Owned	69	14.91
Midland, TX	TXU Energy	Retail Power Marketer	70	15.01
Odessa, TX	TXU Energy	Retail Power Marketer	70	15.01
Imperial, CA	Imperial Irrigation District - Energy	Political Subdivision	72	15.63
Sacramento, CA	Sacramento Municipal Util Dist	Political Subdivision	73	15.66
Anchorage, AK	Chugach Electric Association Incorporated	Cooperative	74	15.70
Burlington, VT	City of Burlington Electric	Municipal	75	16.06
Baltimore, MD	Baltimore Gas & Electric Company	Investor Owned	76	16.79
Anaheim, CA	Anaheim Public Utilities	Municipal	77	17.13
Riverside, CA	Riverside Electric Utility	Municipal	78	17.83
Gainesville, FL	Gainesville Regional Utilities	Municipal	79	19.07
Portland, ME	Central Maine Power Co	Investor Owned	80	19.24
Bridgeport, CT	United Illuminating Company	Investor Owned	81	20.47
Farmingdale, NY	Long Island Power Authority	State	82	22.48
Manchester, NH	Public Service Company of New Hampshire	Investor Owned	83	22.89
Boston, MA	Eversource (Formerly Western Massachusetts Electric)	Investor Owned	84	24.85
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	Investor Owned	84	24.85
Springfield, MA	Eversource (Formerly Boston Edison Company)	Investor Owned	84	24.85
Honolulu, HI	Hawaiian Electric Company	Investor Owned	87	39.58

Note: Average price was calculated by dividing the utilities' sector revenue by sales of electricity. Anchorage Municipal Light and Power that used to service Anchorage, AK was absorbed by Chugach Electric Association Incorporated.

Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Table 3: Industrial Average All-In Price - Cities

City/State	Utility	Utility Type	Rank	Average All-In Price (cents/kWh)
Kearney, NE	Nebraska Public Power District	Political Subdivision	1	4.05
Albuquerque, NM	Public Service Company of New Mexico	Investor Owned	2	5.60
Greensboro, NC	Duke Energy	Investor Owned	3	5.89
Greenville, SC	Duke Energy	Investor Owned	4	5.91
Tulsa, OK	Public Service Company of Oklahoma	Investor Owned	5	6.13
Phoenix, AZ	Salt River Project	Political Subdivision	5	6.13
Toledo, OH	Toledo Edison - FirstEnergy Corp.	Investor Owned	7	6.33
Council Bluffs, IA	MidAmerican Energy	Investor Owned	8	6.35
Des Moines, IA	MidAmerican Energy	Investor Owned	8	6.35
Sioux City, IA	MidAmerican Energy	Investor Owned	8	6.35
Myrtle Beach, SC	Santee Cooper	State	11	6.43
Little Rock, AR	Entergy Arkansas, Inc.	Investor Owned	12	6.59
Lincoln, NE	Lincoln Electric System	Municipal	13	6.65
Salt Lake City, UT	PacifiCorp	Investor Owned	14	6.79
Laredo, TX	Reliant Energy	Retail Power Marketer	15	6.81
Waco, TX	Reliant Energy	Retail Power Marketer	15	6.81
Tacoma, WA	Tacoma Public Utilities	Municipal	15	6.81
Omaha, NE	Omaha Public Power District	Political Subdivision	15	6.81
Austin, TX	Austin Energy	Municipal	19	6.86
Midland, TX	TXU Energy	Retail Power Marketer	20	6.87
Odessa, TX	TXU Energy	Retail Power Marketer	20	6.87
Kansas City, MO	Evergy (Kansas City Power & Light Co.)	Investor Owned	22	6.89
Portland, OR	Portland General Electric Company	Investor Owned	23	6.99
Boise, ID	Idaho Power Company	Investor Owned	24	7.11
Baton Rouge, LA	Entergy Louisiana, LLC	Investor Owned	25	7.17
Lima, OH	AEP Ohio (Ohio Power Company)	Investor Owned	26	7.19
Oklahoma City, OK	Oklahoma Gas & Electric Company	Investor Owned	27	7.20
Lexington, KY	Kentucky Utilities Company	Investor Owned	28	7.38
Springfield, MO	City Utilities of Springfield	Municipal	29	7.39
Huntsville, AL	City of Huntsville	Municipal	30	7.45
Bowling Green, KY	Bowling Green Municipal Utilities	Municipal	31	7.55
Fort Collins, CO	Platte River Power Authority	Municipal	32	7.62
Richmond, VA	Dominion Virginia Power	Investor Owned	33	7.74
Jackson, MS	Entergy Mississippi, Inc.	Investor Owned	34	7.75
Charleston, WV	AEP (Appalachian Power Rate Area)	Investor Owned	35	7.78
Nashville, TN	Nashville Electric Service	Municipal	35	7.78
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	Investor Owned	37	7.93
Reno, NV	Sierra Pacific Power Company - NV Energy	Investor Owned	38	8.03
Denver, CO	Xcel Energy (Public Service Company of Colorado)	Investor Owned	39	8.12
Auburn, AL	Alabama Power	Investor Owned	40	8.42
Evansville, IN	Southern Indiana Gas & Electric Company	Investor Owned	41	8.63
Lakeland, FL	Lakeland Electric Utility	Municipal	42	8.67
Madison, WI	Madison Gas & Electric Company	Investor Owned	43	8.68
Seattle, WA	Seattle City Light	Municipal	44	8.76
Sioux Falls, SD	Northern States Power Company	Investor Owned	45	8.85
High Point, NC	High Point Electric Utility Department	Municipal	46	8.88
Wichita, KS	Evergy (Formerly Westar Energy Inc)	Investor Owned	47	9.14
Fargo, ND	Northern States Power Company	Investor Owned	48	9.23
Savannah, GA	Georgia Power	Investor Owned	49	9.25
San Antonio, TX	CPS Energy	Municipal	50	9.29



Table 3: Industrial Average All-In Price - Cities				
City/State	Utility	Utility Type	Rank	Average All-In Price (cents/kWh)
Newark, NJ	Public Service Electric & Gas Company	Investor Owned	51	9.32
Billings, MT	NorthWestern Energy (formerly Montana Power)	Investor Owned	52	9.41
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	Investor Owned	52	9.41
Las Vegas, NV	Nevada Power Company - NV Energy	Investor Owned	54	9.50
Kansas City, KS	Kansas City Board of Public Utilities	Municipal	55	9.66
Dayton, OH	AES Ohio (formerly DP&L)	Investor Owned	56	9.69
Jacksonville, FL	JEA	Municipal	57	9.72
Colorado Springs, CO	City of Colorado Springs	Municipal	58	9.74
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	Investor Owned	59	10.26
Indianapolis, IN	Indianapolis Power & Light Company	Investor Owned	60	10.27
Chicago, IL	Commonwealth Edison Company	Investor Owned	61	10.34
Wilmington, DE	Delmarva Power	Investor Owned	62	10.58
Allentown, PA	PPL Electric Utilities	Investor Owned	63	11.11
Lansing, MI	Lansing Board of Water & Light	Municipal	64	11.49
Sacramento, CA	Sacramento Municipal Util Dist	Political Subdivision	65	11.67
Burlington, VT	City of Burlington Electric	Municipal	66	12.22
Turlock, CA	Turlock Irrigation District	Political Subdivision	67	12.43
Anchorage, AK	Chugach Electric Association Incorporated	Cooperative	68	12.95
Riverside, CA	Riverside Electric Utility	Municipal	69	13.44
Gainesville, FL	Gainesville Regional Utilities	Municipal	70	13.94
Anaheim, CA	Anaheim Public Utilities	Municipal	71	13.96
Baltimore, MD	Baltimore Gas & Electric Company	Investor Owned	72	16.41
Imperial, CA	Imperial Irrigation District - Energy	Political Subdivision	73	18.17
Portland, ME	Central Maine Power Co	Investor Owned	74	19.56
Bridgeport, CT	United Illuminating Company	Investor Owned	75	20.11
Manchester, NH	Public Service Company of New Hampshire	Investor Owned	76	21.73
Pawtucket, RI	Narragansett Electric Company	Investor Owned	77	23.96
Boston, MA	Eversource (Formerly Western Massachusetts Electric)	Investor Owned	78	32.29
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	Investor Owned	78	32.29
Springfield, MA	Eversource (Formerly Boston Edison Company)	Investor Owned	78	32.29
Honolulu, HI	Hawaiian Electric Company	Investor Owned	81	35.96

Note: Average price was calculated by dividing the utilities' sector revenue by sales of electricity. College Station Utilities, Lafayette Utilities System, Orlando Utilities Commission, City of Tallahassee Electric Utility, Long Island Power Authority, and Potomac Electric Power Company are not included in the rankings as they don't report industrial revenue. Anchorage Municipal Light and Power that used to service Anchorage, AK was absorbed by Chugach Electric Association Incorporated.
Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Table 4: All Retail Sectors Average All-In Price - Cities

City/State	Utility	Utility Type	Rank	Average All-In Price (cents/kWh)
Kearney, NE	Nebraska Public Power District	Political Subdivision	1	6.54
Council Bluffs, IA	MidAmerican Energy	Investor Owned	2	7.88
Des Moines, IA	MidAmerican Energy	Investor Owned	2	7.88
Sioux City, IA	MidAmerican Energy	Investor Owned	2	7.88
Myrtle Beach, SC	Santee Cooper	State	5	7.99
Greensboro, NC	Duke Energy	Investor Owned	6	8.33
Tacoma, WA	Tacoma Public Utilities	Municipal	7	8.39
Lincoln, NE	Lincoln Electric System	Municipal	8	8.41
Greenville, SC	Duke Energy	Investor Owned	9	8.62
Salt Lake City, UT	PacifiCorp	Investor Owned	10	8.71
Boise, ID	Idaho Power Company	Investor Owned	11	8.77
Omaha, NE	Omaha Public Power District	Political Subdivision	12	9.08
Little Rock, AR	Entergy Arkansas, Inc.	Investor Owned	13	9.21
Springfield, MO	City Utilities of Springfield	Municipal	14	9.22
Tulsa, OK	Public Service Company of Oklahoma	Investor Owned	15	9.30
Baton Rouge, LA	Entergy Louisiana, LLC	Investor Owned	16	9.44
Toledo, OH	Toledo Edison - FirstEnergy Corp.	Investor Owned	17	9.95
Austin, TX	Austin Energy	Municipal	18	10.09
Phoenix, AZ	Salt River Project	Political Subdivision	18	10.09
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	Investor Owned	20	10.10
Fort Collins, CO	Platte River Power Authority	Municipal	21	10.11
Oklahoma City, OK	Oklahoma Gas & Electric Company	Investor Owned	22	10.25
Tallahassee, FL	City of Tallahassee Electric Utility	Municipal	23	10.33
Kansas City, MO	Eergy (Kansas City Power & Light Co.)	Investor Owned	24	10.34
Lexington, KY	Kentucky Utilities Company	Investor Owned	25	10.50
High Point, NC	High Point Electric Utility Department	Municipal	26	10.58
Odessa, TX	TXU Energy	Retail Power Marketer	27	10.59
Midland, TX	TXU Energy	Retail Power Marketer	27	10.59
Richmond, VA	Dominion Virginia Power	Investor Owned	29	10.66
Reno, NV	Sierra Pacific Power Company - NV Energy	Investor Owned	30	10.68
Jackson, MS	Entergy Mississippi, Inc.	Investor Owned	31	10.78
Bowling Green, KY	Bowling Green Municipal Utilities	Municipal	32	10.81
Seattle, WA	Seattle City Light	Municipal	33	10.83
Laredo, TX	Reliant Energy	Retail Power Marketer	34	11.04
Lakeland, FL	Lakeland Electric Utility	Municipal	34	11.04
Waco, TX	Reliant Energy	Retail Power Marketer	34	11.04
Albuquerque, NM	Public Service Company of New Mexico	Investor Owned	37	11.12
Portland, OR	Portland General Electric Company	Investor Owned	38	11.17
Lafayette, LA	Lafayette Utilities System	Municipal	39	11.22
Huntsville, AL	City of Huntsville	Municipal	40	11.26
San Antonio, TX	CPS Energy	Municipal	41	11.28
Sioux Falls, SD	Northern States Power Company	Investor Owned	42	11.40
Fargo, ND	Northern States Power Company	Investor Owned	43	11.54
Denver, CO	Xcel Energy (Public Service Company of Colorado)	Investor Owned	44	11.69
Indianapolis, IN	Indianapolis Power & Light Company	Investor Owned	45	11.80
Charleston, WV	AEP (Appalachian Power Rate Area)	Investor Owned	46	11.81
Kansas City, KS	Kansas City Board of Public Utilities	Municipal	47	11.82
Wichita, KS	Eergy (Formerly Westar Energy Inc)	Investor Owned	48	11.92
Billings, MT	NorthWestern Energy (formerly Montana Power)	Investor Owned	49	12.01
Colorado Springs, CO	City of Colorado Springs	Municipal	50	12.06



Table 4: All Retail Sectors Average All-In Price - Cities

City/State	Utility	Utility Type	Rank	Average All-In Price (cents/kWh)
Las Vegas, NV	Nevada Power Company - NV Energy	Investor Owned	51	12.07
Dayton, OH	AES Ohio (formerly DP&L)	Investor Owned	52	12.08
Nashville, TN	Nashville Electric Service	Municipal	53	12.16
Lima, OH	AEP Ohio (Ohio Power Company)	Investor Owned	54	12.32
Auburn, AL	Alabama Power	Investor Owned	54	12.32
Orlando, FL	Orlando Utilities Commission	Municipal	56	12.36
College Station, TX	College Station Utilities	Municipal	57	12.41
Savannah, GA	Georgia Power	Investor Owned	58	12.56
Jacksonville, FL	JEA	Municipal	59	12.68
Evansville, IN	Southern Indiana Gas & Electric Company	Investor Owned	60	12.77
Wilmington, DE	Delmarva Power	Investor Owned	61	12.97
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	Investor Owned	62	13.22
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	Investor Owned	63	13.24
Lansing, MI	Lansing Board of Water & Light	Municipal	64	13.65
Washington, DC	Potomac Electric Power Company	Investor Owned	65	13.69
Madison, WI	Madison Gas & Electric Company	Investor Owned	66	13.88
Turlock, CA	Turlock Irrigation District	Political Subdivision	67	13.92
Baltimore, MD	Baltimore Gas & Electric Company	Investor Owned	68	14.33
Sacramento, CA	Sacramento Municipal Util Dist	Political Subdivision	69	15.34
Newark, NJ	Public Service Electric & Gas Company	Investor Owned	70	15.36
Burlington, VT	City of Burlington Electric	Municipal	71	15.58
Chicago, IL	Commonwealth Edison Company	Investor Owned	72	15.60
Anaheim, CA	Anaheim Public Utilities	Municipal	73	15.65
Imperial, CA	Imperial Irrigation District - Energy	Political Subdivision	74	15.67
Riverside, CA	Riverside Electric Utility	Municipal	75	16.03
Allentown, PA	PPL Electric Utilities	Investor Owned	76	16.16
Anchorage, AK	Chugach Electric Association Incorporated	Cooperative	77	16.93
Gainesville, FL	Gainesville Regional Utilities	Municipal	78	17.92
Pawtucket, RI	Narragansett Electric Company	Investor Owned	79	20.51
Portland, ME	Central Maine Power Co	Investor Owned	80	21.54
Bridgeport, CT	United Illuminating Company	Investor Owned	81	22.81
Farmingdale, NY	Long Island Power Authority	State	82	23.91
Manchester, NH	Public Service Company of New Hampshire	Investor Owned	83	25.14
Boston, MA	Eversource (Formerly Western Massachusetts Electric)	Investor Owned	84	27.87
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	Investor Owned	84	27.87
Springfield, MA	Eversource (Formerly Boston Edison Company)	Investor Owned	84	27.87
Honolulu, HI	Hawaiian Electric Company	Investor Owned	87	39.00

Note: Average price was calculated by dividing the utilities' sector revenue by sales of electricity. Anchorage Municipal Light and Power that used to service Anchorage, AK was absorbed by Chugach Electric Association Incorporated.

Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Table 5: Residential Average All-In Price (cents/kWh) Rank Changes - Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	Average Price	Average Price PY	Price Percent Change
Lincoln, NE	Lincoln Electric System	1	3	2	9.72	9.75	-0.31%
Tacoma, WA	Tacoma Public Utilities	2	4	2	10.03	9.88	1.52%
Kearney, NE	Nebraska Public Power District	3	10	7	10.27	10.40	-1.25%
Greensboro, NC	Duke Energy	4	7	3	10.44	10.26	1.75%
Springfield, MO	City Utilities of Springfield	5	4	-1	10.63	9.88	7.59%
Boise, ID	Idaho Power Company	6	8	2	10.70	10.39	2.98%
Council Bluffs, IA	MidAmerican Energy	7	15	8	11.01	10.75	2.42%
Des Moines, IA	MidAmerican Energy	7	15	8	11.01	10.75	2.42%
Sioux City, IA	MidAmerican Energy	7	15	8	11.01	10.75	2.42%
Salt Lake City, UT	PacifiCorp	10	13	3	11.13	10.65	4.51%
Myrtle Beach, SC	Santee Cooper	11	26	15	11.33	11.32	0.09%
Greenville, SC	Duke Energy	12	25	13	11.55	11.14	3.68%
Jackson, MS	Entergy Mississippi, Inc.	13	8	-5	11.62	10.39	11.84%
Omaha, NE	Omaha Public Power District	14	27	13	11.68	11.38	2.64%
High Point, NC	High Point Electric Utility Department	15	45	30	11.70	12.61	-7.22%
Huntsville, AL	City of Huntsville	16	12	-4	11.74	10.54	11.39%
Little Rock, AR	Entergy Arkansas, Inc.	17	23	6	11.80	10.96	7.66%
Austin, TX	Austin Energy	18	6	-12	11.85	10.11	17.21%
Bowling Green, KY	Bowling Green Municipal Utilities	19	14	-5	11.86	10.67	11.15%
Phoenix, AZ	Salt River Project	20	28	8	11.88	11.50	3.30%
Fort Collins, CO	Platte River Power Authority	21	35	14	11.97	11.86	0.93%
Lafayette, LA	Lafayette Utilities System	22	2	-20	12.00	9.59	25.13%
Seattle, WA	Seattle City Light	23	34	11	12.12	11.85	2.28%
Lakeland, FL	Lakeland Electric Utility	24	21	-3	12.18	10.94	11.33%
Lexington, KY	Kentucky Utilities Company	25	24	-1	12.19	11.07	10.12%
San Antonio, TX	CPS Energy	26	22	-4	12.22	10.95	11.60%
Tulsa, OK	Public Service Company of Oklahoma	27	11	-16	12.33	10.43	18.22%
Tallahassee, FL	City of Tallahassee Electric Utility	28	31	3	12.35	11.61	6.37%
Billings, MT	NorthWestern Energy (formerly Montana Power)	29	38	9	12.43	12.14	2.39%
Dayton, OH	AES Ohio (formerly DP&L)	30	1	-29	12.59	9.26	35.96%
Fargo, ND	Northern States Power Company	31	33	2	12.63	11.82	6.85%
Oklahoma City, OK	Oklahoma Gas & Electric Company	32	18	-14	12.64	10.77	17.36%
Washington, DC	Potomac Electric Power Company	33	39	6	12.69	12.19	4.10%
Baton Rouge, LA	Entergy Louisiana, LLC	33	19	-14	12.69	10.89	16.53%
Kansas City, MO	Evergy (Kansas City Power & Light Co.)	35	55	20	12.97	13.37	-2.99%
Indianapolis, IN	Indianapolis Power & Light Company	36	30	-6	12.98	11.54	12.48%
Toledo, OH	Toledo Edison - FirstEnergy Corp.	37	48	11	13.13	13.00	1.00%
Nashville, TN	Nashville Electric Service	38	36	-2	13.15	11.96	9.95%
Sioux Falls, SD	Northern States Power Company	39	47	8	13.23	12.95	2.16%
Reno, NV	Sierra Pacific Power Company - NV Energy	40	20	-20	13.30	10.93	21.68%
College Station, TX	College Station Utilities	40	50	10	13.30	13.06	1.84%
Wilmington, DE	Delmarva Power	42	41	-1	13.38	12.41	7.82%
Richmond, VA	Dominion Virginia Power	43	37	-6	13.41	12.13	10.55%
Baltimore, MD	Baltimore Gas & Electric Company	44	40	-4	13.59	12.29	10.58%
Portland, OR	Portland General Electric Company	45	52	7	13.64	13.24	3.02%
Orlando, FL	Orlando Utilities Commission	46	44	-2	14.06	12.60	11.59%
Las Vegas, NV	Nevada Power Company - NV Energy	47	32	-15	14.13	11.62	21.60%
Denver, CO	Xcel Energy (Public Service Company of Colorado)	47	42	-5	14.13	12.45	13.49%
Wichita, KS	Evergy (Formerly Westar Energy Inc)	49	43	-6	14.16	12.53	13.01%
Jacksonville, FL	JEA	50	28	-22	14.17	11.50	23.22%



Table 5: Residential Average All-In Price (cents/kWh) Rank Changes - Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	Average Price	Average Price PY	Price Percent Change
Kansas City, KS	Kansas City Board of Public Utilities	51	46	-5	14.21	12.68	12.07%
Albuquerque, NM	Public Service Company of New Mexico	52	64	12	14.39	14.51	-0.83%
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	53	67	14	14.48	15.27	-5.17%
Colorado Springs, CO	City of Colorado Springs	54	54	0	15.10	13.33	13.28%
Laredo, TX	Reliant Energy	55	60	5	15.11	14.02	7.77%
Waco, TX	Reliant Energy	55	60	5	15.11	14.02	7.77%
Savannah, GA	Georgia Power	57	51	-6	15.18	13.22	14.83%
Charleston, WV	AEP (Appalachian Power Rate Area)	58	58	0	15.31	13.75	11.35%
Lima, OH	AEP Ohio (Ohio Power Company)	59	49	-10	15.48	13.01	18.99%
Auburn, AL	Alabama Power	60	62	2	15.50	14.04	10.40%
Imperial, CA	Imperial Irrigation District - Energy	61	63	2	15.60	14.42	8.18%
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	61	59	-2	15.60	13.92	12.07%
Lansing, MI	Lansing Board of Water & Light	63	75	12	15.90	16.67	-4.62%
Midland, TX	TXU Energy	64	65	1	15.94	14.58	9.33%
Odessa, TX	TXU Energy	64	65	1	15.94	14.58	9.33%
Turlock, CA	Turlock Irrigation District	66	68	2	15.99	15.89	0.63%
Anaheim, CA	Anaheim Public Utilities	67	76	9	16.31	16.97	-3.89%
Chicago, IL	Commonwealth Edison Company	68	56	-12	16.48	13.49	22.16%
Sacramento, CA	Sacramento Municipal Util Dist	69	70	1	16.74	16.21	3.27%
Allentown, PA	PPL Electric Utilities	70	57	-13	16.86	13.59	24.06%
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	71	68	-3	16.94	15.89	6.61%
Burlington, VT	City of Burlington Electric	72	71	-1	17.21	16.24	5.97%
Evansville, IN	Southern Indiana Gas & Electric Company	73	72	-1	17.32	16.26	6.52%
Newark, NJ	Public Service Electric & Gas Company	74	78	4	17.43	17.40	0.17%
Gainesville, FL	Gainesville Regional Utilities	75	53	-22	17.69	13.26	33.41%
Riverside, CA	Riverside Electric Utility	76	77	1	18.06	17.26	4.63%
Madison, WI	Madison Gas & Electric Company	77	74	-3	18.20	16.66	9.24%
Anchorage, AK	Chugach Electric Association Incorporated	78	80	2	19.95	20.60	-3.16%
Portland, ME	Central Maine Power Co	79	73	-6	22.37	16.46	35.91%
Pawtucket, RI	Narragansett Electric Company	80	82	2	22.98	22.11	3.93%
Bridgeport, CT	United Illuminating Company	81	86	5	23.55	25.19	-6.51%
Farmingdale, NY	Long Island Power Authority	82	81	-1	25.22	22.07	14.27%
Manchester, NH	Public Service Company of New Hampshire	83	79	-4	25.98	19.51	33.16%
Boston, MA	Eversource (Formerly Boston Edison Company)	84	83	-1	29.31	24.25	20.87%
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	84	83	-1	29.31	24.25	20.87%
Springfield, MA	Eversource (Formerly Western Massachusetts Electric)	84	83	-1	29.31	24.25	20.87%
Honolulu, HI	Hawaiian Electric Company	87	87	0	43.43	32.47	33.75%

Note: Average price was calculated by dividing the utilities' sector revenue by sales of electricity. Anchorage Municipal Light and Power that used to service Anchorage, AK was absorbed by Chugach Electric Association Incorporated.

Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Table 6: Commercial Average All-In Price (cents/kWh) Rank Changes - Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	Average Price	Average Price PY	Price Percent Change
Greensboro, NC	Duke Energy	1	1	0	7.58	7.34	3.27%
Lincoln, NE	Lincoln Electric System	2	5	3	7.76	7.85	-1.15%
Boise, ID	Idaho Power Company	3	4	1	8.09	7.56	7.01%
Salt Lake City, UT	PacifiCorp	4	6	2	8.18	7.92	3.28%
Kearney, NE	Nebraska Public Power District	5	8	3	8.19	8.15	0.49%
Tallahassee, FL	City of Tallahassee Electric Utility	6	19	13	8.76	8.86	-1.13%
Council Bluffs, IA	MidAmerican Energy	7	10	3	8.77	8.42	4.16%
Des Moines, IA	MidAmerican Energy	7	10	3	8.77	8.42	4.16%
Sioux City, IA	MidAmerican Energy	7	10	3	8.77	8.42	4.16%
Greenville, SC	Duke Energy	10	7	-3	8.79	7.98	10.15%
Springfield, MO	City Utilities of Springfield	11	19	8	8.93	8.86	0.79%
Omaha, NE	Omaha Public Power District	12	16	4	9.04	8.59	5.24%
Tulsa, OK	Public Service Company of Oklahoma	13	2	-11	9.17	7.43	23.42%
Richmond, VA	Dominion Virginia Power	14	3	-11	9.32	7.53	23.77%
Myrtle Beach, SC	Santee Cooper	15	23	8	9.37	9.39	-0.21%
Phoenix, AZ	Salt River Project	15	22	7	9.37	9.07	3.31%
Little Rock, AR	Entergy Arkansas, Inc.	17	18	1	9.47	8.73	8.48%
Kansas City, MO	Evergy (Kansas City Power & Light Co.)	18	35	17	9.80	10.11	-3.07%
Oklahoma City, OK	Oklahoma Gas & Electric Company	19	26	7	9.85	9.51	3.58%
Tacoma, WA	Tacoma Public Utilities	20	9	-11	10.28	8.28	24.15%
High Point, NC	High Point Electric Utility Department	21	42	21	10.31	10.47	-1.53%
Seattle, WA	Seattle City Light	22	38	16	10.34	10.28	0.58%
Austin, TX	Austin Energy	23	21	-2	10.40	8.89	16.99%
Fort Collins, CO	Platte River Power Authority	24	37	13	10.45	10.17	2.75%
San Antonio, TX	CPS Energy	25	24	-1	10.54	9.47	11.30%
Lafayette, LA	Lafayette Utilities System	26	15	-11	10.64	8.53	24.74%
Las Vegas, NV	Nevada Power Company - NV Energy	27	14	-13	10.75	8.50	26.47%
Reno, NV	Sierra Pacific Power Company - NV Energy	28	17	-11	10.80	8.67	24.57%
Lakeland, FL	Lakeland Electric Utility	29	28	-1	10.82	9.77	10.75%
Portland, OR	Portland General Electric Company	30	39	9	10.85	10.30	5.34%
Sioux Falls, SD	Northern States Power Company	31	43	12	10.86	10.57	2.74%
Bowling Green, KY	Bowling Green Municipal Utilities	32	30	-2	11.04	9.91	11.40%
Dayton, OH	AES Ohio (formerly DP&L)	33	13	-20	11.16	8.47	31.76%
Charleston, WV	AEP (Appalachian Power Rate Area)	34	34	0	11.19	10.05	11.34%
Orlando, FL	Orlando Utilities Commission	35	24	-11	11.24	9.47	18.69%
Jackson, MS	Entergy Mississippi, Inc.	36	32	-4	11.26	9.96	13.05%
College Station, TX	College Station Utilities	37	48	11	11.31	11.00	2.82%
Wichita, KS	Evergy (Formerly Westar Energy Inc)	38	29	-9	11.34	9.81	15.60%
Lima, OH	AEP Ohio (Ohio Power Company)	39	55	16	11.37	11.57	-1.73%
Fargo, ND	Northern States Power Company	40	44	4	11.48	10.58	8.51%
Denver, CO	Xcel Energy (Public Service Company of Colorado)	40	45	5	11.48	10.69	7.39%
Huntsville, AL	City of Huntsville	40	40	0	11.48	10.35	10.92%
Kansas City, KS	Kansas City Board of Public Utilities	43	31	-12	11.56	9.95	16.18%
Albuquerque, NM	Public Service Company of New Mexico	44	58	14	11.60	11.86	-2.19%
Baton Rouge, LA	Entergy Louisiana, LLC	45	36	-9	11.68	10.15	15.07%
Laredo, TX	Reliant Energy	46	49	3	11.75	11.05	6.33%
Waco, TX	Reliant Energy	46	49	3	11.75	11.05	6.33%
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	48	64	16	11.95	13.01	-8.15%
Billings, MT	NorthWestern Energy (formerly Montana Power)	49	57	8	11.96	11.83	1.10%
Colorado Springs, CO	City of Colorado Springs	50	27	-23	11.99	9.65	24.25%



Table 6: Commercial Average All-In Price (cents/kWh) Rank Changes - Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	Average Price	Average Price PY	Price Percent Change
Nashville, TN	Nashville Electric Service	51	46	-5	12.06	10.92	10.44%
Lexington, KY	Kentucky Utilities Company	52	47	-5	12.08	10.98	10.02%
Wilmington, DE	Delmarva Power	53	53	0	12.19	11.36	7.31%
Madison, WI	Madison Gas & Electric Company	54	52	-2	12.48	11.23	11.13%
Jacksonville, FL	JEA	55	33	-22	12.53	10.02	25.05%
Savannah, GA	Georgia Power	56	41	-15	12.64	10.42	21.31%
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	57	59	2	12.67	11.90	6.47%
Lansing, MI	Lansing Board of Water & Light	58	72	14	13.16	14.46	-8.99%
Turlock, CA	Turlock Irrigation District	59	65	6	13.26	13.23	0.23%
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	59	56	-3	13.26	11.58	14.51%
Newark, NJ	Public Service Electric & Gas Company	61	63	2	13.37	12.59	6.20%
Indianapolis, IN	Indianapolis Power & Light Company	62	61	-1	13.47	12.42	8.45%
Chicago, IL	Commonwealth Edison Company	63	51	-12	13.86	11.18	23.97%
Auburn, AL	Alabama Power	64	62	-2	14.07	12.55	12.11%
Toledo, OH	Toledo Edison - FirstEnergy Corp.	65	68	3	14.10	13.60	3.68%
Evansville, IN	Southern Indiana Gas & Electric Company	66	70	4	14.23	13.89	2.45%
Pawtucket, RI	Narragansett Electric Company	67	69	2	14.27	13.85	3.03%
Allentown, PA	PPL Electric Utilities	68	54	-14	14.56	11.50	26.61%
Washington, DC	Potomac Electric Power Company	69	67	-2	14.91	13.54	10.12%
Midland, TX	TXU Energy	70	73	3	15.01	14.52	3.37%
Odessa, TX	TXU Energy	70	73	3	15.01	14.52	3.37%
Imperial, CA	Imperial Irrigation District - Energy	72	71	-1	15.63	14.27	9.53%
Sacramento, CA	Sacramento Municipal Util Dist	73	77	4	15.66	15.23	2.82%
Anchorage, AK	Chugach Electric Association Incorporated	74	79	5	15.70	16.27	-3.50%
Burlington, VT	City of Burlington Electric	75	76	1	16.06	15.01	7.00%
Baltimore, MD	Baltimore Gas & Electric Company	76	60	-16	16.79	12.34	36.06%
Anaheim, CA	Anaheim Public Utilities	77	80	3	17.13	17.30	-0.98%
Riverside, CA	Riverside Electric Utility	78	81	3	17.83	17.39	2.53%
Gainesville, FL	Gainesville Regional Utilities	79	75	-4	19.07	14.62	30.44%
Portland, ME	Central Maine Power Co	80	66	-14	19.24	13.53	42.20%
Bridgeport, CT	United Illuminating Company	81	82	1	20.47	17.61	16.24%
Farmingdale, NY	Long Island Power Authority	82	86	4	22.48	20.16	11.51%
Manchester, NH	Public Service Company of New Hampshire	83	78	-5	22.89	15.85	44.42%
Boston, MA	Eversource (Formerly Western Massachusetts Electric)	84	83	-1	24.85	19.48	27.57%
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	84	83	-1	24.85	19.48	27.57%
Springfield, MA	Eversource (Formerly Boston Edison Company)	84	83	-1	24.85	19.48	27.57%
Honolulu, HI	Hawaiian Electric Company	87	87	0	39.58	29.44	34.44%

Note: Average price was calculated by dividing the utilities' sector revenue by sales of electricity. Anchorage Municipal Light and Power that used to service Anchorage, AK was absorbed by Chugach Electric Association Incorporated.

Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Table 7: Industrial Average All-In Price (cents/kWh) Rank Changes - Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	Average Price	Average Price PY	Price Percent Change
Kearney, NE	Nebraska Public Power District	1	1	0	4.05	4.03	0.5%
Albuquerque, NM	Public Service Company of New Mexico	2	17	15	5.60	5.90	-5.1%
Greensboro, NC	Duke Energy	3	8	5	5.89	5.67	3.9%
Greenville, SC	Duke Energy	4	4	0	5.91	5.24	12.8%
Tulsa, OK	Public Service Company of Oklahoma	5	2	-3	6.13	4.70	30.4%
Phoenix, AZ	Salt River Project	5	10	5	6.13	5.78	6.1%
Toledo, OH	Toledo Edison - FirstEnergy Corp.	7	49	42	6.33	8.10	-21.9%
Des Moines, IA	MidAmerican Energy	8	12	4	6.35	5.89	7.8%
Sioux City, IA	MidAmerican Energy	8	12	4	6.35	5.89	7.8%
Council Bluffs, IA	MidAmerican Energy	8	12	4	6.35	5.89	7.8%
Myrtle Beach, SC	Santee Cooper	11	3	-8	6.43	5.21	23.4%
Little Rock, AR	Entergy Arkansas, Inc.	12	11	-1	6.59	5.84	12.8%
Lincoln, NE	Lincoln Electric System	13	32	19	6.65	6.80	-2.21%
Salt Lake City, UT	PacifiCorp	14	20	6	6.79	6.08	11.7%
Laredo, TX	Reliant Energy	15	28	13	6.81	6.64	2.6%
Waco, TX	Reliant Energy	15	28	13	6.81	6.64	2.6%
Tacoma, WA	Tacoma Public Utilities	15	30	15	6.81	6.67	2.1%
Omaha, NE	Omaha Public Power District	15	35	20	6.81	6.97	-2.3%
Austin, TX	Austin Energy	19	7	-12	6.86	5.52	24.3%
Midland, TX	TXU Energy	20	12	-8	6.87	5.89	16.6%
Odessa, TX	TXU Energy	20	12	-8	6.87	5.89	16.6%
Kansas City, MO	Evergy (Kansas City Power & Light Co.)	22	41	19	6.89	7.25	-5.0%
Portland, OR	Portland General Electric Company	23	34	11	6.99	6.96	0.4%
Boise, ID	Idaho Power Company	24	24	0	7.11	6.51	9.2%
Baton Rouge, LA	Entergy Louisiana, LLC	25	18	-7	7.17	5.92	21.1%
Lima, OH	AEP Ohio (Ohio Power Company)	26	63	37	7.19	9.98	-28.0%
Oklahoma City, OK	Oklahoma Gas & Electric Company	27	5	-22	7.20	5.31	35.6%
Lexington, KY	Kentucky Utilities Company	28	23	-5	7.38	6.46	14.2%
Springfield, MO	City Utilities of Springfield	29	31	2	7.39	6.73	9.8%
Huntsville, AL	City of Huntsville	30	22	-8	7.45	6.45	15.5%
Bowling Green, KY	Bowling Green Municipal Utilities	31	25	-6	7.55	6.54	15.4%
Fort Collins, CO	Platte River Power Authority	32	44	12	7.62	7.39	3.1%
Richmond, VA	Dominion Virginia Power	33	19	-14	7.74	5.94	30.3%
Jackson, MS	Entergy Mississippi, Inc.	34	26	-8	7.75	6.56	18.1%
Charleston, WV	AEP (Appalachian Power Rate Area)	35	38	3	7.78	7.14	9.0%
Nashville, TN	Nashville Electric Service	35	27	-8	7.78	6.62	17.5%
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	37	43	6	7.93	7.36	7.7%
Reno, NV	Sierra Pacific Power Company - NV Energy	38	6	-32	8.03	5.34	50.4%
Denver, CO	Xcel Energy (Public Service Company of Colorado)	39	39	0	8.12	7.19	12.9%
Auburn, AL	Alabama Power	40	33	-7	8.42	6.88	22.4%
Evansville, IN	Southern Indiana Gas & Electric Company	41	48	7	8.63	7.99	8.0%
Lakeland, FL	Lakeland Electric Utility	42	36	-6	8.67	6.99	24.0%
Madison, WI	Madison Gas & Electric Company	43	45	2	8.68	7.43	16.8%
Seattle, WA	Seattle City Light	44	58	14	8.76	8.71	0.6%
Sioux Falls, SD	Northern States Power Company	45	55	10	8.85	8.55	3.5%
High Point, NC	High Point Electric Utility Department	46	59	13	8.88	8.78	1.1%
Wichita, KS	Evergy (Formerly Westar Energy Inc)	47	46	-1	9.14	7.73	18.2%
Fargo, ND	Northern States Power Company	48	57	9	9.23	8.70	6.1%
Savannah, GA	Georgia Power	49	21	-28	9.25	6.39	44.8%
San Antonio, TX	CPS Energy	50	50	0	9.29	8.13	14.3%



Table 7: Industrial Average All-In Price (cents/kWh) Rank Changes - Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	Average Price	Average Price PY	Price Percent Change
Newark, NJ	Public Service Electric & Gas Company	51	47	-4	9.32	7.97	16.9%
Billings, MT	NorthWestern Energy (formerly Montana Power)	52	61	9	9.41	9.54	-1.4%
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	52	54	2	9.41	8.52	10.4%
Las Vegas, NV	Nevada Power Company - NV Energy	54	42	-12	9.50	7.34	29.4%
Kansas City, KS	Kansas City Board of Public Utilities	55	53	-2	9.66	8.40	15.0%
Dayton, OH	AES Ohio (formerly DP&L)	56	37	-19	9.69	7.09	36.7%
Jacksonville, FL	JEA	57	40	-17	9.72	7.24	34.3%
Colorado Springs, CO	City of Colorado Springs	58	51	-7	9.74	8.24	18.2%
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	59	60	1	10.26	9.00	14.0%
Indianapolis, IN	Indianapolis Power & Light Company	60	56	-4	10.27	8.69	18.2%
Chicago, IL	Commonwealth Edison Company	61	52	-9	10.34	8.32	24.3%
Wilmington, DE	Delmarva Power	62	9	-53	10.58	5.72	85.0%
Allentown, PA	PPL Electric Utilities	63	64	1	11.11	10.29	8.0%
Lansing, MI	Lansing Board of Water & Light	64	69	5	11.49	12.25	-6.2%
Sacramento, CA	Sacramento Municipal Util Dist	65	65	0	11.67	11.12	4.9%
Burlington, VT	City of Burlington Electric	66	66	0	12.22	11.62	5.2%
Turlock, CA	Turlock Irrigation District	67	70	3	12.43	12.29	1.1%
Anchorage, AK	Chugach Electric Association Incorporated	68	73	5	12.95	13.76	-5.9%
Riverside, CA	Riverside Electric Utility	69	72	3	13.44	12.87	4.4%
Gainesville, FL	Gainesville Regional Utilities	70	62	-8	13.94	9.83	41.8%
Anaheim, CA	Anaheim Public Utilities	71	74	3	13.96	13.83	0.9%
Baltimore, MD	Baltimore Gas & Electric Company	72	67	-5	16.41	11.96	37.2%
Imperial, CA	Imperial Irrigation District - Energy	73	76	3	18.17	16.54	9.9%
Portland, ME	Central Maine Power Co	74	71	-3	19.56	12.76	53.3%
Bridgeport, CT	United Illuminating Company	75	75	0	20.11	16.22	24.0%
Manchester, NH	Public Service Company of New Hampshire	76	68	-8	21.73	12.05	80.3%
Pawtucket, RI	Narragansett Electric Company	77	77	0	23.96	19.33	24.0%
Boston, MA	Eversource (Formerly Western Massachusetts Electric)	78	78	0	32.29	21.00	53.8%
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	78	78	0	32.29	21.00	53.8%
Springfield, MA	Eversource (Formerly Boston Edison Company)	78	78	0	32.29	21.00	53.8%
Honolulu, HI	Hawaiian Electric Company	81	81	0	35.96	25.82	39.3%

Note: Average price was calculated by dividing the utilities' sector revenue by sales of electricity. College Station Utilities, Lafayette Utilities System, Orlando Utilities Commission, City of Tallahassee Electric Utility, Long Island Power Authority, and Potomac Electric Power Company are not included in the rankings as they don't report industrial revenue. Anchorage Municipal Light and Power that used to service Anchorage, AK was absorbed by Chugach Electric Association Incorporated.

Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Table 8: All Retail Sectors Average All-In Price (cents/kWh) Rank Changes - Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	Average Price	Average Price PY	Price Percent Change
Kearney, NE	Nebraska Public Power District	1	1	0	6.54	6.59	-0.8%
Des Moines, IA	MidAmerican Energy	2	3	1	7.88	7.49	5.2%
Council Bluffs, IA	MidAmerican Energy	2	3	1	7.88	7.49	5.2%
Sioux City, IA	MidAmerican Energy	2	3	1	7.88	7.49	5.2%
Myrtle Beach, SC	Santee Cooper	5	2	-3	7.99	7.41	7.8%
Greensboro, NC	Duke Energy	6	10	4	8.33	8.10	2.8%
Tacoma, WA	Tacoma Public Utilities	7	12	5	8.39	8.20	2.3%
Lincoln, NE	Lincoln Electric System	8	16	8	8.41	8.46	-0.59%
Greenville, SC	Duke Energy	9	9	0	8.62	8.06	6.9%
Salt Lake City, UT	PacifiCorp	10	11	1	8.71	8.19	6.3%
Boise, ID	Idaho Power Company	11	13	2	8.77	8.23	6.6%
Omaha, NE	Omaha Public Power District	12	20	8	9.08	9.04	0.4%
Little Rock, AR	Entergy Arkansas, Inc.	13	15	2	9.21	8.43	9.3%
Springfield, MO	City Utilities of Springfield	14	17	3	9.22	8.47	8.9%
Tulsa, OK	Public Service Company of Oklahoma	15	6	-9	9.30	7.59	22.5%
Baton Rouge, LA	Entergy Louisiana, LLC	16	7	-9	9.44	8.02	17.7%
Toledo, OH	Toledo Edison - FirstEnergy Corp.	17	67	50	9.95	12.86	-22.6%
Austin, TX	Austin Energy	18	18	0	10.09	8.56	17.9%
Phoenix, AZ	Salt River Project	18	28	10	10.09	9.73	3.7%
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	20	42	22	10.10	10.35	-2.4%
Fort Collins, CO	Platte River Power Authority	21	31	10	10.11	9.90	2.1%
Oklahoma City, OK	Oklahoma Gas & Electric Company	22	14	-8	10.25	8.28	23.8%
Tallahassee, FL	City of Tallahassee Electric Utility	23	32	9	10.33	10.08	2.5%
Kansas City, MO	Evergy (Kansas City Power & Light Co.)	24	46	22	10.34	10.67	-3.1%
Lexington, KY	Kentucky Utilities Company	25	23	-2	10.50	9.42	11.5%
High Point, NC	High Point Electric Utility Department	26	52	26	10.58	10.93	-3.2%
Odessa, TX	TXU Energy	27	25	-2	10.59	9.66	9.6%
Midland, TX	TXU Energy	27	25	-2	10.59	9.66	9.6%
Richmond, VA	Dominion Virginia Power	29	22	-7	10.66	9.13	16.8%
Reno, NV	Sierra Pacific Power Company - NV Energy	30	8	-22	10.68	8.03	33.0%
Jackson, MS	Entergy Mississippi, Inc.	31	24	-7	10.78	9.53	13.1%
Bowling Green, KY	Bowling Green Municipal Utilities	32	27	-5	10.81	9.69	11.6%
Seattle, WA	Seattle City Light	33	47	14	10.83	10.69	1.3%
Laredo, TX	Reliant Energy	34	35	1	11.04	10.11	9.2%
Lakeland, FL	Lakeland Electric Utility	34	29	-5	11.04	9.74	13.3%
Waco, TX	Reliant Energy	34	35	1	11.04	10.11	9.2%
Albuquerque, NM	Public Service Company of New Mexico	37	55	18	11.12	11.46	-3.0%
Portland, OR	Portland General Electric Company	38	51	13	11.17	10.89	2.6%
Lafayette, LA	Lafayette Utilities System	39	19	-20	11.22	8.99	24.8%
Huntsville, AL	City of Huntsville	40	37	-3	11.26	10.12	11.3%
San Antonio, TX	CPS Energy	41	33	-8	11.28	10.10	11.7%
Sioux Falls, SD	Northern States Power Company	42	54	12	11.40	11.07	3.0%
Fargo, ND	Northern States Power Company	43	48	5	11.54	10.71	7.7%
Denver, CO	Xcel Energy (Public Service Company of Colorado)	44	44	0	11.69	10.54	10.9%
Indianapolis, IN	Indianapolis Power & Light Company	45	40	-5	11.80	10.34	14.1%
Charleston, WV	AEP (Appalachian Power Rate Area)	46	45	-1	11.81	10.65	10.9%
Kansas City, KS	Kansas City Board of Public Utilities	47	43	-4	11.82	10.37	14.0%
Wichita, KS	Evergy (Formerly Westar Energy Inc)	48	40	-8	11.92	10.34	15.3%
Billings, MT	NorthWestern Energy (formerly Montana Power)	49	57	8	12.01	11.82	1.6%
Colorado Springs, CO	City of Colorado Springs	50	39	-11	12.06	10.30	17.1%



Table 8: All Retail Sectors Average All-In Price (cents/kWh) Rank Changes - Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	Average Price	Average Price PY	Price Percent Change
Las Vegas, NV	Nevada Power Company - NV Energy	51	30	-21	12.07	9.77	23.5%
Dayton, OH	AES Ohio (formerly DP&L)	52	21	-31	12.08	9.05	33.5%
Nashville, TN	Nashville Electric Service	53	53	0	12.16	10.97	10.8%
Lima, OH	AEP Ohio (Ohio Power Company)	54	64	10	12.32	12.66	-2.7%
Auburn, AL	Alabama Power	54	50	-4	12.32	10.75	14.6%
Orlando, FL	Orlando Utilities Commission	56	48	-8	12.36	10.71	15.4%
College Station, TX	College Station Utilities	57	59	2	12.41	12.12	2.4%
Savannah, GA	Georgia Power	58	38	-20	12.56	10.23	22.8%
Jacksonville, FL	JEA	59	33	-26	12.68	10.10	25.5%
Evansville, IN	Southern Indiana Gas & Electric Company	60	58	-2	12.77	12.02	6.2%
Wilmington, DE	Delmarva Power	61	60	-1	12.97	12.16	6.7%
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	62	62	0	13.22	12.33	7.2%
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	63	56	-7	13.24	11.69	13.3%
Lansing, MI	Lansing Board of Water & Light	64	73	9	13.65	14.79	-7.7%
Washington, DC	Potomac Electric Power Company	65	64	-1	13.69	12.66	8.1%
Madison, WI	Madison Gas & Electric Company	66	63	-3	13.88	12.56	10.5%
Turlock, CA	Turlock Irrigation District	67	70	3	13.92	13.85	0.5%
Baltimore, MD	Baltimore Gas & Electric Company	68	61	-7	14.33	12.30	16.5%
Sacramento, CA	Sacramento Municipal Util Dist	69	74	5	15.34	14.85	3.3%
Newark, NJ	Public Service Electric & Gas Company	70	75	5	15.36	15.10	1.7%
Burlington, VT	City of Burlington Electric	71	72	1	15.58	14.64	6.4%
Chicago, IL	Commonwealth Edison Company	72	66	-6	15.60	12.71	22.7%
Anaheim, CA	Anaheim Public Utilities	73	78	5	15.65	15.84	-1.2%
Imperial, CA	Imperial Irrigation District - Energy	74	71	-3	15.67	14.40	8.8%
Riverside, CA	Riverside Electric Utility	75	76	1	16.03	15.39	4.2%
Allentown, PA	PPL Electric Utilities	76	68	-8	16.16	13.13	23.1%
Anchorage, AK	Chugach Electric Association Incorporated	77	79	2	16.93	17.57	-3.6%
Gainesville, FL	Gainesville Regional Utilities	78	69	-9	17.92	13.52	32.5%
Pawtucket, RI	Narragansett Electric Company	79	81	2	20.51	19.77	3.7%
Portland, ME	Central Maine Power Co	80	77	-3	21.54	15.68	37.4%
Bridgeport, CT	United Illuminating Company	81	86	5	22.81	23.49	-2.9%
Farmingdale, NY	Long Island Power Authority	82	82	0	23.91	21.17	12.9%
Manchester, NH	Public Service Company of New Hampshire	83	80	-3	25.14	18.52	35.7%
Boston, MA	Eversource (Formerly Western Massachusetts Electric)	84	83	-1	27.87	22.68	22.9%
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	84	83	-1	27.87	22.68	22.9%
Springfield, MA	Eversource (Formerly Boston Edison Company)	84	83	-1	27.87	22.68	22.9%
Honolulu, HI	Hawaiian Electric Company	87	87	0	39.00	28.72	35.8%

Note: Average price was calculated by dividing the utilities' sector revenue by sales of electricity. Anchorage Municipal Light and Power that used to service Anchorage, AK was absorbed by Chugach Electric Association Incorporated.

Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Table 9: Residential Average All-In Price - States			
State	Electric Market	Rank	Average All-In Price (cents/kWh)
Washington	Non Retail Choice	1	10.26
Idaho	Non Retail Choice	2	10.37
Nebraska	Non Retail Choice	3	10.79
Utah	Non Retail Choice	4	10.84
North Dakota	Non Retail Choice	5	10.92
Wyoming	Non Retail Choice	6	11.09
Montana	Retail Choice	7	11.33
Oregon	Non Retail Choice	8	11.42
North Carolina	Non Retail Choice	9	11.62
Missouri	Non Retail Choice	10	11.74
Arkansas	Non Retail Choice	11	12.05
South Dakota	Non Retail Choice	12	12.09
Tennessee	Non Retail Choice	13	12.25
Mississippi	Non Retail Choice	14	12.41
Oklahoma	Non Retail Choice	15	12.44
Kentucky	Non Retail Choice	16	12.91
Louisiana	Non Retail Choice	17	12.93
Arizona	Non Retail Choice	18	13.02
Iowa	Non Retail Choice	19	13.15
West Virginia	Non Retail Choice	20	13.23
Virginia	Non Retail Choice	21	13.34
South Carolina	Non Retail Choice	22	13.59
Delaware	Retail Choice	23	13.71
Texas	Retail Choice	24	13.76
Nevada	Non Retail Choice	25	13.78
Georgia	Non Retail Choice	26	13.80
New Mexico	Non Retail Choice	27	13.84
Ohio	Retail Choice	28	13.85
Florida	Non Retail Choice	29	13.90
Kansas	Non Retail Choice	30	13.99
District of Columbia	Retail Choice	31	14.18
Colorado	Non Retail Choice	32	14.19
Alabama	Non Retail Choice	33	14.25
Minnesota	Non Retail Choice	33	14.25
Maryland	Retail Choice	35	14.46
Indiana	Non Retail Choice	36	14.59
Wisconsin	Non Retail Choice	37	15.62
Illinois	Retail Choice	38	15.65
Pennsylvania	Retail Choice	39	15.94
New Jersey	Retail Choice	40	16.74
Michigan	Retail Choice	41	17.86
Vermont	Non Retail Choice	42	19.93
New York	Retail Choice	43	22.08
Maine	Retail Choice	44	22.44
Alaska	Non Retail Choice	45	23.10
Rhode Island	Retail Choice	46	23.21
Connecticut	Retail Choice	47	24.61
New Hampshire	Retail Choice	48	25.46
California	Retail Choice	49	25.84
Massachusetts	Retail Choice	50	25.97
Hawaii	Non Retail Choice	51	43.03

Data Source(s): 2022 EIA Electric Sales, Revenue, and Average Price, Table 5A; 2020 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers; APPA Retail Electric Rates in Deregulated and Regulated States, 2022 Update



Table 10: Commercial Average All-In Price -States			
State	Electric Market	Rank	Average All-In Price (cents/kWh)
Idaho	Non Retail Choice	1	8.27
Utah	Non Retail Choice	2	8.39
North Dakota	Non Retail Choice	3	8.45
North Carolina	Non Retail Choice	4	8.75
Nebraska	Non Retail Choice	5	8.82
Texas	Retail Choice	6	9.05
Oregon	Non Retail Choice	7	9.35
Washington	Non Retail Choice	8	9.49
Missouri	Non Retail Choice	9	9.55
Wyoming	Non Retail Choice	9	9.55
Virginia	Non Retail Choice	11	9.66
Nevada	Non Retail Choice	12	10.14
South Dakota	Non Retail Choice	13	10.21
Arkansas	Non Retail Choice	14	10.26
Oklahoma	Non Retail Choice	15	10.34
Ohio	Retail Choice	16	10.39
West Virginia	Non Retail Choice	17	10.42
Iowa	Non Retail Choice	18	10.55
Montana	Retail Choice	19	10.68
Pennsylvania	Retail Choice	20	10.73
Arizona	Non Retail Choice	21	10.80
South Carolina	Non Retail Choice	22	10.86
Delaware	Retail Choice	23	10.98
New Mexico	Non Retail Choice	24	11.07
Florida	Non Retail Choice	25	11.19
Illinois	Retail Choice	26	11.32
Kansas	Non Retail Choice	27	11.51
Colorado	Non Retail Choice	28	11.58
Mississippi	Non Retail Choice	29	11.76
Kentucky	Non Retail Choice	30	11.78
Wisconsin	Non Retail Choice	31	11.85
Louisiana	Non Retail Choice	32	11.93
Tennessee	Non Retail Choice	33	12.02
Georgia	Non Retail Choice	34	12.10
Minnesota	Non Retail Choice	35	12.30
Michigan	Retail Choice	36	12.55
Maryland	Retail Choice	37	12.65
Indiana	Non Retail Choice	38	12.86
Alabama	Non Retail Choice	39	13.16
New Jersey	Retail Choice	40	13.75
Maine	Retail Choice	41	15.40
District of Columbia	Retail Choice	42	15.60
Rhode Island	Retail Choice	43	16.23
Vermont	Non Retail Choice	44	17.29
New York	Retail Choice	45	18.19
Connecticut	Retail Choice	46	18.54
Massachusetts	Retail Choice	47	18.67
New Hampshire	Retail Choice	48	18.69
Alaska	Non Retail Choice	49	20.06
California	Retail Choice	50	21.81
Hawaii	Non Retail Choice	51	40.18

Data Source(s): 2022 EIA Electric Sales, Revenue, and Average Price, Table 5A; 2020 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers; APPA Retail Electric Rates in Deregulated and Regulated States, 2022 Update



Table 11: Industrial Average All-In Price - States			
State	Electric Market	Rank	Average All-In Price (cents/kWh)
Washington	Non Retail Choice	1	6.17
North Carolina	Non Retail Choice	2	6.54
Tennessee	Non Retail Choice	3	6.55
New Mexico	Non Retail Choice	4	6.56
Mississippi	Non Retail Choice	5	6.71
Idaho	Non Retail Choice	5	6.71
West Virginia	Non Retail Choice	7	6.74
Oregon	Non Retail Choice	8	6.81
Utah	Non Retail Choice	9	6.84
Wyoming	Non Retail Choice	10	6.89
Oklahoma	Non Retail Choice	11	6.96
Iowa	Non Retail Choice	12	7.06
South Carolina	Non Retail Choice	13	7.13
Texas	Retail Choice	13	7.13
Nebraska	Non Retail Choice	15	7.21
North Dakota	Non Retail Choice	16	7.28
Arkansas	Non Retail Choice	17	7.38
Kentucky	Non Retail Choice	18	7.41
Ohio	Retail Choice	19	7.45
Montana	Retail Choice	20	7.49
Louisiana	Non Retail Choice	21	7.54
New York	Retail Choice	22	7.55
Missouri	Non Retail Choice	23	7.67
Alabama	Non Retail Choice	24	7.72
District of Columbia	Retail Choice	25	7.74
Arizona	Non Retail Choice	26	7.86
Virginia	Non Retail Choice	27	7.99
South Dakota	Non Retail Choice	28	8.04
Pennsylvania	Retail Choice	29	8.21
Kansas	Non Retail Choice	30	8.30
Michigan	Retail Choice	31	8.33
Wisconsin	Non Retail Choice	32	8.49
Nevada	Non Retail Choice	33	8.50
Illinois	Retail Choice	34	8.57
Colorado	Non Retail Choice	35	8.63
Indiana	Non Retail Choice	36	8.65
Georgia	Non Retail Choice	36	8.65
Delaware	Retail Choice	38	8.79
Florida	Non Retail Choice	39	9.16
Minnesota	Non Retail Choice	40	9.25
Maryland	Retail Choice	41	10.01
Maine	Retail Choice	42	11.03
Vermont	Non Retail Choice	43	11.88
New Jersey	Retail Choice	44	12.12
Connecticut	Retail Choice	45	15.07
New Hampshire	Retail Choice	46	15.15
Massachusetts	Retail Choice	47	17.06
California	Retail Choice	48	17.09
Rhode Island	Retail Choice	49	17.96
Alaska	Non Retail Choice	50	18.43
Hawaii	Non Retail Choice	51	36.71

Data Source(s): 2022 EIA Electric Sales, Revenue, and Average Price, Table 5A; 2020 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers; APPA Retail Electric Rates in Deregulated and Regulated States, 2022 Update



Table 12: All Retail Sectors Average All-In Price - States			
State	Electric Market	Rank	Average All-In Price (cents/kWh)
Wyoming	Non Retail Choice	1	8.24
North Dakota	Non Retail Choice	2	8.42
Idaho	Non Retail Choice	3	8.51
Utah	Non Retail Choice	4	8.80
Nebraska	Non Retail Choice	5	8.83
Washington	Non Retail Choice	6	9.05
Oregon	Non Retail Choice	7	9.26
Iowa	Non Retail Choice	8	9.57
North Carolina	Non Retail Choice	9	9.60
West Virginia	Non Retail Choice	10	9.74
Arkansas	Non Retail Choice	11	9.91
Montana	Retail Choice	12	9.97
New Mexico	Non Retail Choice	13	10.02
Oklahoma	Non Retail Choice	14	10.05
Texas	Retail Choice	15	10.16
Missouri	Non Retail Choice	16	10.26
Mississippi	Non Retail Choice	17	10.36
Louisiana	Non Retail Choice	18	10.41
South Dakota	Non Retail Choice	19	10.44
Kentucky	Non Retail Choice	20	10.51
Ohio	Retail Choice	21	10.64
South Carolina	Non Retail Choice	22	10.74
Virginia	Non Retail Choice	23	10.75
Tennessee	Non Retail Choice	24	10.89
Nevada	Non Retail Choice	25	10.94
Arizona	Non Retail Choice	26	11.31
Kansas	Non Retail Choice	27	11.47
Alabama	Non Retail Choice	28	11.59
Indiana	Non Retail Choice	29	11.66
Colorado	Non Retail Choice	30	11.75
Delaware	Retail Choice	31	11.83
Pennsylvania	Retail Choice	32	11.88
Wisconsin	Non Retail Choice	33	11.95
Illinois	Retail Choice	34	11.96
Georgia	Non Retail Choice	35	12.00
Minnesota	Non Retail Choice	36	12.04
Florida	Non Retail Choice	37	12.51
Michigan	Retail Choice	38	13.20
Maryland	Retail Choice	39	13.35
New Jersey	Retail Choice	40	14.81
District of Columbia	Retail Choice	41	15.10
Vermont	Non Retail Choice	42	16.99
Maine	Retail Choice	43	17.44
New York	Retail Choice	44	18.41
Rhode Island	Retail Choice	45	19.30
Alaska	Non Retail Choice	46	20.73
New Hampshire	Retail Choice	47	21.07
Connecticut	Retail Choice	48	21.09
Massachusetts	Retail Choice	49	21.35
California	Retail Choice	50	22.35
Hawaii	Non Retail Choice	51	39.72

Data Source(s): 2022 EIA Electric Sales, Revenue, and Average Price, Table 5A; 2020 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers; APPA Retail Electric Rates in Deregulated and Regulated States, 2022 Update



Table 13: Residential All-In Price Stability - Cities

City/State	Utility	Utility Type	Rank	Average Absolute Percent Change
College Station, TX	College Station Utilities	Municipal	1	0.61%
Turlock, CA	Turlock Irrigation District	Political Subdivision	2	0.90%
Phoenix, AZ	Salt River Project	Political Subdivision	3	1.36%
Lincoln, NE	Lincoln Electric System	Municipal	4	1.46%
Greensboro, NC	Duke Energy	Investor Owned	5	1.47%
Burlington, VT	City of Burlington Electric	Municipal	6	1.53%
Newark, NJ	Public Service Electric & Gas Company	Investor Owned	7	1.68%
Riverside, CA	Riverside Electric Utility	Municipal	8	1.76%
Omaha, NE	Omaha Public Power District	Political Subdivision	9	1.99%
Kearney, NE	Nebraska Public Power District	Political Subdivision	10	2.30%
High Point, NC	High Point Electric Utility Department	Municipal	11	2.35%
Tallahassee, FL	City of Tallahassee Electric Utility	Municipal	12	2.38%
Bowling Green, KY	Bowling Green Municipal Utilities	Municipal	13	2.42%
Billings, MT	NorthWestern Energy (formerly Montana Power)	Investor Owned	14	2.54%
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	Investor Owned	15	2.55%
Salt Lake City, UT	PacifiCorp	Investor Owned	15	2.55%
Richmond, VA	Dominion Virginia Power	Investor Owned	17	2.68%
Evansville, IN	Southern Indiana Gas & Electric Company	Investor Owned	18	2.71%
Des Moines, IA	MidAmerican Energy	Investor Owned	19	2.76%
Council Bluffs, IA	MidAmerican Energy	Investor Owned	19	2.76%
Sioux City, IA	MidAmerican Energy	Investor Owned	19	2.76%
Fort Collins, CO	Platte River Power Authority	Municipal	22	2.77%
Wilmington, DE	Delmarva Power	Investor Owned	23	2.83%
Nashville, TN	Nashville Electric Service	Municipal	24	2.85%
Myrtle Beach, SC	Santee Cooper	State	25	2.86%
Huntsville, AL	City of Huntsville	Municipal	26	2.89%
Washington, DC	Potomac Electric Power Company	Investor Owned	27	2.91%
Tacoma, WA	Tacoma Public Utilities	Municipal	28	2.97%
Boise, ID	Idaho Power Company	Investor Owned	29	3.00%
Sacramento, CA	Sacramento Municipal Util Dist	Political Subdivision	30	3.06%
Sioux Falls, SD	Northern States Power Company	Investor Owned	31	3.09%
Portland, OR	Portland General Electric Company	Investor Owned	32	3.23%
Madison, WI	Madison Gas & Electric Company	Investor Owned	33	3.27%
Kansas City, KS	Kansas City Board of Public Utilities	Municipal	34	3.50%
Greenville, SC	Duke Energy	Investor Owned	35	3.51%
Toledo, OH	Toledo Edison - FirstEnergy Corp.	Investor Owned	36	3.56%
Lansing, MI	Lansing Board of Water & Light	Municipal	37	3.57%
Albuquerque, NM	Public Service Company of New Mexico	Investor Owned	37	3.57%
San Antonio, TX	CPS Energy	Municipal	37	3.57%
Springfield, MO	City Utilities of Springfield	Municipal	40	3.61%
Indianapolis, IN	Indianapolis Power & Light Company	Investor Owned	41	3.83%
Odessa, TX	TXU Energy	Retail Power Marketer	42	3.96%
Midland, TX	TXU Energy	Retail Power Marketer	42	3.96%
Auburn, AL	Alabama Power	Investor Owned	44	3.97%
Jacksonville, FL	JEA	Municipal	45	4.19%
Denver, CO	Xcel Energy (Public Service Company of Colorado)	Investor Owned	45	4.19%
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	Investor Owned	45	4.19%
Wichita, KS	Evergny (Formerly Westar Energy Inc)	Investor Owned	48	4.23%
Baltimore, MD	Baltimore Gas & Electric Company	Investor Owned	49	4.36%
Kansas City, MO	Evergny (Kansas City Power & Light Co.)	Investor Owned	50	4.37%



Table 13: Residential All-In Price Stability - Cities

City/State	Utility	Utility Type	Rank	Average Absolute Percent Change
Savannah, GA	Georgia Power	Investor Owned	51	4.50%
Austin, TX	Austin Energy	Municipal	52	4.55%
Little Rock, AR	Entergy Arkansas, Inc.	Investor Owned	53	4.61%
Seattle, WA	Seattle City Light	Municipal	54	4.65%
Colorado Springs, CO	City of Colorado Springs	Municipal	55	4.70%
Waco, TX	Reliant Energy	Retail Power Marketer	56	4.77%
Laredo, TX	Reliant Energy	Retail Power Marketer	56	4.77%
Fargo, ND	Northern States Power Company	Investor Owned	58	4.83%
Farmingdale, NY	Long Island Power Authority	State	59	4.98%
Lakeland, FL	Lakeland Electric Utility	Municipal	60	5.01%
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	Investor Owned	61	5.04%
Bridgeport, CT	United Illuminating Company	Investor Owned	62	5.07%
Lexington, KY	Kentucky Utilities Company	Investor Owned	63	5.24%
Anaheim, CA	Anaheim Public Utilities	Municipal	64	5.26%
Anchorage, AK	Chugach Electric Association Incorporated	Municipal	65	5.34%
Oklahoma City, OK	Oklahoma Gas & Electric Company	Investor Owned	66	5.41%
Lima, OH	AEP Ohio (Ohio Power Company)	Investor Owned	67	5.60%
Las Vegas, NV	Nevada Power Company - NV Energy	Investor Owned	68	6.03%
Allentown, PA	PPL Electric Utilities	Investor Owned	69	6.11%
Pawtucket, RI	Narragansett Electric Company	Investor Owned	70	6.25%
Chicago, IL	Commonwealth Edison Company	Investor Owned	71	6.52%
Gainesville, FL	Gainesville Regional Utilities	Municipal	72	6.73%
Imperial, CA	Imperial Irrigation District - Energy	Political Subdivision	73	6.74%
Charleston, WV	AEP (Appalachian Power Rate Area)	Investor Owned	74	6.84%
Orlando, FL	Orlando Utilities Commission	Municipal	75	6.93%
Reno, NV	Sierra Pacific Power Company - NV Energy	Investor Owned	76	7.00%
Portland, ME	Central Maine Power Co	Investor Owned	77	7.04%
Lafayette, LA	Lafayette Utilities System	Municipal	78	7.15%
Tulsa, OK	Public Service Company of Oklahoma	Investor Owned	79	7.42%
Manchester, NH	Public Service Company of New Hampshire	Investor Owned	80	7.47%
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	Investor Owned	81	7.58%
Boston, MA	Eversource (Formerly Boston Edison Company)	Investor Owned	81	7.58%
Springfield, MA	Eversource (Formerly Western Massachusetts Electric)	Investor Owned	81	7.58%
Dayton, OH	AES Ohio (formerly DP&L)	Investor Owned	84	7.71%
Baton Rouge, LA	Entergy Louisiana, LLC	Investor Owned	85	8.10%
Jackson, MS	Entergy Mississippi, Inc.	Investor Owned	86	8.77%
Honolulu, HI	Hawaiian Electric Company	Investor Owned	87	10.51%

Note: Average price stability was calculated by determining the utilities' average absolute percent change between the years 2011-2021. Anchorage Municipal Light and Power that used to service Anchorage, AK was absorbed by Chugach Electric Association Incorporated.
Data Source(s): 2012-2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Table 14: Commercial All-In Price Stability - Cities				
City/State	Utility	Utility Type	Rank	Average Absolute Percent Change
Omaha, NE	Omaha Public Power District	Political Subdivision	1	0.97%
Riverside, CA	Riverside Electric Utility	Municipal	2	1.14%
Lincoln, NE	Lincoln Electric System	Municipal	3	1.30%
Phoenix, AZ	Salt River Project	Political Subdivision	3	1.30%
Greensboro, NC	Duke Energy	Investor Owned	5	1.52%
Turlock, CA	Turlock Irrigation District	Political Subdivision	6	1.57%
College Station, TX	College Station Utilities	Municipal	7	1.62%
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	Investor Owned	8	1.98%
Newark, NJ	Public Service Electric & Gas Company	Investor Owned	9	2.07%
Billings, MT	NorthWestern Energy (formerly Montana Power)	Investor Owned	10	2.09%
Burlington, VT	City of Burlington Electric	Municipal	11	2.19%
Salt Lake City, UT	PacifiCorp	Investor Owned	12	2.41%
Evansville, IN	Southern Indiana Gas & Electric Company	Investor Owned	13	2.43%
Kearney, NE	Nebraska Public Power District	Political Subdivision	13	2.43%
Portland, OR	Portland General Electric Company	Investor Owned	15	2.61%
Des Moines, IA	MidAmerican Energy	Investor Owned	16	2.68%
Sioux City, IA	MidAmerican Energy	Investor Owned	16	2.68%
Council Bluffs, IA	MidAmerican Energy	Investor Owned	16	2.68%
Bowling Green, KY	Bowling Green Municipal Utilities	Municipal	19	2.75%
High Point, NC	High Point Electric Utility Department	Municipal	20	2.77%
Myrtle Beach, SC	Santee Cooper	State	21	2.82%
Tallahassee, FL	City of Tallahassee Electric Utility	Municipal	22	2.93%
Nashville, TN	Nashville Electric Service	Municipal	23	2.97%
Laredo, TX	Reliant Energy	Retail Power Marketer	24	3.14%
Waco, TX	Reliant Energy	Retail Power Marketer	24	3.14%
Huntsville, AL	City of Huntsville	Municipal	26	3.24%
Washington, DC	Potomac Electric Power Company	Investor Owned	27	3.29%
Sacramento, CA	Sacramento Municipal Util Dist	Political Subdivision	28	3.42%
Tacoma, WA	Tacoma Public Utilities	Municipal	29	3.49%
Toledo, OH	Toledo Edison - FirstEnergy Corp.	Investor Owned	30	3.51%
Fort Collins, CO	Platte River Power Authority	Municipal	31	3.57%
Sioux Falls, SD	Northern States Power Company	Investor Owned	32	3.70%
Madison, WI	Madison Gas & Electric Company	Investor Owned	33	3.72%
Auburn, AL	Alabama Power	Investor Owned	34	3.75%
Greenville, SC	Duke Energy	Investor Owned	35	3.86%
Springfield, MO	City Utilities of Springfield	Municipal	36	3.91%
Indianapolis, IN	Indianapolis Power & Light Company	Investor Owned	37	4.20%
San Antonio, TX	CPS Energy	Municipal	38	4.21%
Lansing, MI	Lansing Board of Water & Light	Municipal	39	4.30%
Seattle, WA	Seattle City Light	Municipal	39	4.30%
Boise, ID	Idaho Power Company	Investor Owned	41	4.38%
Denver, CO	Xcel Energy (Public Service Company of Colorado)	Investor Owned	42	4.39%
Albuquerque, NM	Public Service Company of New Mexico	Investor Owned	42	4.39%
Kansas City, KS	Kansas City Board of Public Utilities	Municipal	44	4.46%
Fargo, ND	Northern States Power Company	Investor Owned	45	4.47%
Wichita, KS	Eergy (Formerly Westar Energy Inc)	Investor Owned	46	4.48%
Austin, TX	Austin Energy	Municipal	47	4.54%
Charleston, WV	AEP (Appalachian Power Rate Area)	Investor Owned	48	4.63%
Richmond, VA	Dominion Virginia Power	Investor Owned	49	4.69%
Wilmington, DE	Delmarva Power	Investor Owned	50	4.79%



Table 14: Commercial All-In Price Stability - Cities				
City/State	Utility	Utility Type	Rank	Average Absolute Percent Change
Lakeland, FL	Lakeland Electric Utility	Municipal	51	4.98%
Lexington, KY	Kentucky Utilities Company	Investor Owned	52	5.05%
Kansas City, MO	Evergy (Kansas City Power & Light Co.)	Investor Owned	53	5.19%
Lima, OH	AEP Ohio (Ohio Power Company)	Investor Owned	54	5.24%
Orlando, FL	Orlando Utilities Commission	Municipal	55	5.52%
Jacksonville, FL	JEA	Municipal	55	5.52%
Savannah, GA	Georgia Power	Investor Owned	57	5.65%
Anchorage, AK	Chugach Electric Association Incorporated	Municipal	58	5.68%
Farmingdale, NY	Long Island Power Authority	State	59	5.73%
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	Investor Owned	60	5.77%
Midland, TX	TXU Energy	Retail Power Marketer	61	5.92%
Odessa, TX	TXU Energy	Retail Power Marketer	61	5.92%
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	Investor Owned	63	6.00%
Gainesville, FL	Gainesville Regional Utilities	Municipal	64	6.27%
Anaheim, CA	Anaheim Public Utilities	Municipal	65	6.33%
Lafayette, LA	Lafayette Utilities System	Municipal	66	6.61%
Imperial, CA	Imperial Irrigation District - Energy	Political Subdivision	67	6.72%
Baltimore, MD	Baltimore Gas & Electric Company	Investor Owned	68	6.94%
Bridgeport, CT	United Illuminating Company	Investor Owned	69	7.02%
Oklahoma City, OK	Oklahoma Gas & Electric Company	Investor Owned	70	7.07%
Colorado Springs, CO	City of Colorado Springs	Municipal	71	7.26%
Allentown, PA	PPL Electric Utilities	Investor Owned	72	7.79%
Reno, NV	Sierra Pacific Power Company - NV Energy	Investor Owned	73	7.83%
Las Vegas, NV	Nevada Power Company - NV Energy	Investor Owned	74	7.93%
Little Rock, AR	Entergy Arkansas, Inc.	Investor Owned	75	8.11%
Baton Rouge, LA	Entergy Louisiana, LLC	Investor Owned	76	8.32%
Chicago, IL	Commonwealth Edison Company	Investor Owned	77	8.40%
Pawtucket, RI	Narragansett Electric Company	Investor Owned	78	8.71%
Jackson, MS	Entergy Mississippi, Inc.	Investor Owned	79	9.45%
Tulsa, OK	Public Service Company of Oklahoma	Investor Owned	80	9.51%
Portland, ME	Central Maine Power Co	Investor Owned	81	9.69%
Dayton, OH	AES Ohio (formerly DP&L)	Investor Owned	82	10.12%
Honolulu, HI	Hawaiian Electric Company	Investor Owned	83	10.73%
Manchester, NH	Public Service Company of New Hampshire	Investor Owned	84	11.59%
Boston, MA	Eversource (Formerly Boston Edison Company)	Investor Owned	85	12.24%
Springfield, MA	Eversource (Formerly Western Massachusetts Electric)	Investor Owned	85	12.24%
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	Investor Owned	85	12.24%

Note: Average price stability was calculated by determining the utilities' average relative percent change between the years 2011-2021. Anchorage Municipal Light and Power that used to service Anchorage, AK was absorbed by Chugach Electric Association Incorporated.
Data Source(s): 2012-2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Table 15: Industrial All-In Price Stability - Cities				
City/State	Utility	Utility Type	Rank	Average Absolute Percent Change
Turlock, CA	Turlock Irrigation District	Political Subdivision	1	1.38%
Burlington, VT	City of Burlington Electric	Municipal	1	1.38%
Greensboro, NC	Duke Energy	Investor Owned	3	1.70%
Lincoln, NE	Lincoln Electric System	Municipal	4	2.26%
Riverside, CA	Riverside Electric Utility	Municipal	4	2.26%
Phoenix, AZ	Salt River Project	Political Subdivision	6	2.32%
Portland, OR	Portland General Electric Company	Investor Owned	7	2.39%
High Point, NC	High Point Electric Utility Department	Municipal	8	2.40%
Evansville, IN	Southern Indiana Gas & Electric Company	Investor Owned	9	2.80%
Sacramento, CA	Sacramento Municipal Util Dist	Political Subdivision	10	2.93%
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	Investor Owned	11	2.99%
Fort Collins, CO	Platte River Power Authority	Municipal	12	3.11%
Tacoma, WA	Tacoma Public Utilities	Municipal	13	3.40%
Billings, MT	NorthWestern Energy (formerly Montana Power)	Investor Owned	14	3.67%
Omaha, NE	Omaha Public Power District	Political Subdivision	15	3.87%
Charleston, WV	AEP (Appalachian Power Rate Area)	Investor Owned	16	3.91%
Seattle, WA	Seattle City Light	Municipal	17	3.98%
Salt Lake City, UT	PacifiCorp	Investor Owned	18	4.16%
Wichita, KS	Eergy (Formerly Westar Energy Inc)	Investor Owned	19	4.18%
Springfield, MO	City Utilities of Springfield	Municipal	20	4.19%
Indianapolis, IN	Indianapolis Power & Light Company	Investor Owned	21	4.22%
Lansing, MI	Lansing Board of Water & Light	Municipal	22	4.29%
Lexington, KY	Kentucky Utilities Company	Investor Owned	23	4.46%
Council Bluffs, IA	MidAmerican Energy	Investor Owned	24	4.55%
Des Moines, IA	MidAmerican Energy	Investor Owned	24	4.55%
Sioux City, IA	MidAmerican Energy	Investor Owned	24	4.55%
Sioux Falls, SD	Northern States Power Company	Investor Owned	27	4.61%
Auburn, AL	Alabama Power	Investor Owned	28	4.78%
Denver, CO	Xcel Energy (Public Service Company of Colorado)	Investor Owned	29	4.82%
San Antonio, TX	CPS Energy	Municipal	30	4.84%
Boise, ID	Idaho Power Company	Investor Owned	31	5.07%
Huntsville, AL	City of Huntsville	Municipal	32	5.20%
Odessa, TX	TXU Energy	Retail Power Marketer	33	5.23%
Midland, TX	TXU Energy	Retail Power Marketer	33	5.23%
Imperial, CA	Imperial Irrigation District - Energy	Political Subdivision	35	5.30%
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	Investor Owned	36	5.34%
Kansas City, MO	Eergy (Kansas City Power & Light Co.)	Investor Owned	36	5.34%
Kearney, NE	Nebraska Public Power District	Political Subdivision	38	5.42%
Richmond, VA	Dominion Virginia Power	Investor Owned	39	5.51%
Nashville, TN	Nashville Electric Service	Municipal	40	5.73%
Madison, WI	Madison Gas & Electric Company	Investor Owned	41	5.74%
Kansas City, KS	Kansas City Board of Public Utilities	Municipal	42	5.84%
Anchorage, AK	Chugach Electric Association Incorporated	Municipal	43	5.87%
Greenville, SC	Duke Energy	Investor Owned	44	6.01%
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	Investor Owned	45	6.13%
Bowling Green, KY	Bowling Green Municipal Utilities	Municipal	46	6.22%
Austin, TX	Austin Energy	Municipal	47	6.33%
Albuquerque, NM	Public Service Company of New Mexico	Investor Owned	48	6.61%
Waco, TX	Reliant Energy	Retail Power Marketer	49	7.08%
Laredo, TX	Reliant Energy	Retail Power Marketer	49	7.08%



Table 15: Industrial All-In Price Stability - Cities

City/State	Utility	Utility Type	Rank	Average Absolute Percent Change
Fargo, ND	Northern States Power Company	Investor Owned	51	7.10%
Myrtle Beach, SC	Santee Cooper	State	52	7.12%
Colorado Springs, CO	City of Colorado Springs	Municipal	53	7.49%
Lakeland, FL	Lakeland Electric Utility	Municipal	54	7.83%
Anaheim, CA	Anaheim Public Utilities	Municipal	55	8.35%
Baltimore, MD	Baltimore Gas & Electric Company	Investor Owned	56	8.48%
Las Vegas, NV	Nevada Power Company - NV Energy	Investor Owned	57	8.75%
Little Rock, AR	Entergy Arkansas, Inc.	Investor Owned	58	8.96%
Jacksonville, FL	JEA	Municipal	59	9.08%
Gainesville, FL	Gainesville Regional Utilities	Municipal	60	9.44%
Reno, NV	Sierra Pacific Power Company - NV Energy	Investor Owned	61	10.53%
Pawtucket, RI	Narragansett Electric Company	Investor Owned	62	10.56%
Savannah, GA	Georgia Power	Investor Owned	63	10.85%
Oklahoma City, OK	Oklahoma Gas & Electric Company	Investor Owned	64	10.89%
Jackson, MS	Entergy Mississippi, Inc.	Investor Owned	65	11.82%
Baton Rouge, LA	Entergy Louisiana, LLC	Investor Owned	66	12.06%
Honolulu, HI	Hawaiian Electric Company	Investor Owned	67	12.68%
Bridgeport, CT	United Illuminating Company	Investor Owned	68	12.78%
Tulsa, OK	Public Service Company of Oklahoma	Investor Owned	69	13.98%
Portland, ME	Central Maine Power Co	Investor Owned	70	14.88%
Toledo, OH	Toledo Edison - FirstEnergy Corp.	Investor Owned	71	15.87%
Chicago, IL	Commonwealth Edison Company	Investor Owned	72	16.00%
Newark, NJ	Public Service Electric & Gas Company	Investor Owned	73	17.66%
Springfield, MA	Eversource (Formerly Western Massachusetts Electric)	Investor Owned	74	19.35%
Boston, MA	Eversource (Formerly Boston Edison Company)	Investor Owned	74	19.35%
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	Investor Owned	74	19.35%
Lima, OH	AEP Ohio (Ohio Power Company)	Investor Owned	77	20.35%
Dayton, OH	AES Ohio (formerly DP&L)	Investor Owned	78	25.45%
Manchester, NH	Public Service Company of New Hampshire	Investor Owned	79	27.89%
Allentown, PA	PPL Electric Utilities	Investor Owned	80	31.13%
Wilmington, DE	Delmarva Power	Investor Owned	81	34.35%

Note: Average price stability was calculated by determining the utilities' average relative percent change between the years 2011-2021. College Station Utilities, Lafayette Utilities System, Orlando Utilities Commission, City of Tallahassee Electric Utility, Long Island Power Authority, and Potomac Electric Power Company are not included in the rankings as they don't report industrial revenue. Anchorage Municipal Light and Power that used to service Anchorage, AK was absorbed by Chugach Electric Association Incorporated.

Data Source(s): 2012-2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Table 16: All Retail Sectors All-In Price Stability - Cities

City/State	Utility	Utility Type	Rank	Average Absolute Percent Change
College Station, TX	College Station Utilities	Municipal	1	0.88%
Turlock, CA	Turlock Irrigation District	Political Subdivision	2	1.09%
Phoenix, AZ	Salt River Project	Political Subdivision	3	1.22%
Lincoln, NE	Lincoln Electric System	Municipal	4	1.38%
Greensboro, NC	Duke Energy	Investor Owned	5	1.40%
Omaha, NE	Omaha Public Power District	Political Subdivision	6	1.61%
Burlington, VT	City of Burlington Electric	Municipal	7	1.67%
Riverside, CA	Riverside Electric Utility	Municipal	8	1.69%
Newark, NJ	Public Service Electric & Gas Company	Investor Owned	9	1.81%
Wilmington, DE	Delmarva Power	Investor Owned	10	2.14%
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	Investor Owned	11	2.16%
High Point, NC	High Point Electric Utility Department	Municipal	12	2.21%
Billings, MT	NorthWestern Energy (formerly Montana Power)	Investor Owned	13	2.31%
Portland, OR	Portland General Electric Company	Investor Owned	14	2.40%
Bowling Green, KY	Bowling Green Municipal Utilities	Municipal	15	2.49%
Tallahassee, FL	City of Tallahassee Electric Utility	Municipal	16	2.53%
Sacramento, CA	Sacramento Municipal Util Dist	Political Subdivision	17	2.57%
Des Moines, IA	MidAmerican Energy	Investor Owned	18	2.68%
Council Bluffs, IA	MidAmerican Energy	Investor Owned	18	2.68%
Sioux City, IA	MidAmerican Energy	Investor Owned	18	2.68%
Salt Lake City, UT	PacifiCorp	Investor Owned	21	2.69%
Nashville, TN	Nashville Electric Service	Municipal	22	2.78%
Evansville, IN	Southern Indiana Gas & Electric Company	Investor Owned	23	2.94%
Washington, DC	Potomac Electric Power Company	Investor Owned	24	2.97%
Huntsville, AL	City of Huntsville	Municipal	24	2.97%
Fort Collins, CO	Platte River Power Authority	Municipal	26	3.12%
Richmond, VA	Dominion Virginia Power	Investor Owned	27	3.16%
Tacoma, WA	Tacoma Public Utilities	Municipal	28	3.29%
Midland, TX	TXU Energy	Retail Power Marketer	29	3.33%
Odessa, TX	TXU Energy	Retail Power Marketer	29	3.33%
Sioux Falls, SD	Northern States Power Company	Investor Owned	31	3.37%
Madison, WI	Madison Gas & Electric Company	Investor Owned	32	3.58%
Indianapolis, IN	Indianapolis Power & Light Company	Investor Owned	33	3.67%
Springfield, MO	City Utilities of Springfield	Municipal	34	3.74%
San Antonio, TX	CPS Energy	Municipal	35	3.92%
Boise, ID	Idaho Power Company	Investor Owned	36	3.99%
Jacksonville, FL	JEA	Municipal	37	4.00%
Auburn, AL	Alabama Power	Investor Owned	38	4.04%
Denver, CO	Xcel Energy (Public Service Company of Colorado)	Investor Owned	39	4.14%
Kearney, NE	Nebraska Public Power District	Political Subdivision	40	4.15%
Lansing, MI	Lansing Board of Water & Light	Municipal	41	4.19%
Wichita, KS	Evergy (Formerly Westar Energy Inc)	Investor Owned	42	4.21%
Albuquerque, NM	Public Service Company of New Mexico	Investor Owned	43	4.24%
Kansas City, KS	Kansas City Board of Public Utilities	Municipal	44	4.35%
Greenville, SC	Duke Energy	Investor Owned	45	4.38%
Seattle, WA	Seattle City Light	Municipal	46	4.48%
Baltimore, MD	Baltimore Gas & Electric Company	Investor Owned	47	4.61%
Austin, TX	Austin Energy	Municipal	48	4.67%
Kansas City, MO	Evergy (Kansas City Power & Light Co.)	Investor Owned	49	4.70%
Lima, OH	AEP Ohio (Ohio Power Company)	Investor Owned	50	4.75%



Table 16: All Retail Sectors All-In Price Stability - Cities

City/State	Utility	Utility Type	Rank	Average Absolute Percent Change
Lexington, KY	Kentucky Utilities Company	Investor Owned	51	4.88%
Bridgeport, CT	United Illuminating Company	Investor Owned	52	4.89%
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	Investor Owned	53	4.97%
Fargo, ND	Northern States Power Company	Investor Owned	54	5.00%
Myrtle Beach, SC	Santee Cooper	State	55	5.19%
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	Investor Owned	56	5.22%
Farmingdale, NY	Long Island Power Authority	State	57	5.25%
Charleston, WV	AEP (Appalachian Power Rate Area)	Investor Owned	58	5.28%
Waco, TX	Reliant Energy	Retail Power Marketer	59	5.34%
Laredo, TX	Reliant Energy	Retail Power Marketer	59	5.34%
Lakeland, FL	Lakeland Electric Utility	Municipal	61	5.38%
Orlando, FL	Orlando Utilities Commission	Municipal	62	5.52%
Little Rock, AR	Entergy Arkansas, Inc.	Investor Owned	63	5.54%
Savannah, GA	Georgia Power	Investor Owned	64	5.67%
Anchorage, AK	Chugach Electric Association Incorporated	Municipal	65	5.77%
Colorado Springs, CO	City of Colorado Springs	Municipal	66	5.89%
Anaheim, CA	Anaheim Public Utilities	Municipal	67	6.03%
Pawtucket, RI	Narragansett Electric Company	Investor Owned	68	6.22%
Allentown, PA	PPL Electric Utilities	Investor Owned	69	6.32%
Imperial, CA	Imperial Irrigation District - Energy	Political Subdivision	70	6.58%
Lafayette, LA	Lafayette Utilities System	Municipal	71	6.59%
Gainesville, FL	Gainesville Regional Utilities	Municipal	72	6.71%
Las Vegas, NV	Nevada Power Company - NV Energy	Investor Owned	73	6.86%
Oklahoma City, OK	Oklahoma Gas & Electric Company	Investor Owned	74	7.04%
Dayton, OH	AES Ohio (formerly DP&L)	Investor Owned	75	7.53%
Chicago, IL	Commonwealth Edison Company	Investor Owned	76	7.60%
Reno, NV	Sierra Pacific Power Company - NV Energy	Investor Owned	77	8.09%
Portland, ME	Central Maine Power Co	Investor Owned	78	8.13%
Manchester, NH	Public Service Company of New Hampshire	Investor Owned	79	8.81%
Toledo, OH	Toledo Edison - FirstEnergy Corp.	Investor Owned	80	8.84%
Baton Rouge, LA	Entergy Louisiana, LLC	Investor Owned	81	8.87%
Boston, MA	Eversource (Formerly Boston Edison Company)	Investor Owned	82	9.11%
Springfield, MA	Eversource (Formerly Western Massachusetts Electric)	Investor Owned	82	9.11%
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	Investor Owned	82	9.11%
Tulsa, OK	Public Service Company of Oklahoma	Investor Owned	85	9.24%
Jackson, MS	Entergy Mississippi, Inc.	Investor Owned	86	9.53%
Honolulu, HI	Hawaiian Electric Company	Investor Owned	87	11.37%

Note: Average price stability was calculated by determining the utilities' average relative percent change between the years 2011-2021. Anchorage Municipal Light and Power that used to service Anchorage, AK was absorbed by Chugach Electric Association Incorporated.

Data Source(s): 2012-2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Table 17: Residential All-In Price Stability Rank Changes - Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	Avg Abs Percent Change	Avg Abs Percent Δ PY	Percentage Points Change
College Station, TX	College Station Utilities	1	1	0	0.61%	0.55%	0.06%
Turlock, CA	Turlock Irrigation District	2	3	1	0.90%	1.14%	-0.24%
Phoenix, AZ	Salt River Project	3	4	1	1.36%	1.15%	0.21%
Lincoln, NE	Lincoln Electric System	4	7	3	1.46%	1.87%	-0.41%
Greensboro, NC	Duke Energy	5	19	14	1.47%	2.45%	-0.98%
Burlington, VT	City of Burlington Electric	6	2	-4	1.53%	1.00%	0.53%
Newark, NJ	Public Service Electric & Gas Company	7	6	-1	1.68%	1.76%	-0.08%
Riverside, CA	Riverside Electric Utility	8	5	-3	1.76%	1.34%	0.42%
Omaha, NE	Omaha Public Power District	9	21	12	1.99%	2.53%	-0.54%
Kearney, NE	Nebraska Public Power District	10	37	27	2.30%	3.29%	-0.99%
High Point, NC	High Point Electric Utility Department	11	16	5	2.35%	2.24%	0.11%
Tallahassee, FL	City of Tallahassee Electric Utility	12	17	5	2.38%	2.34%	0.04%
Bowling Green, KY	Bowling Green Municipal Utilities	13	14	1	2.42%	2.13%	0.29%
Billings, MT	NorthWestern Energy (formerly Montana Power)	14	19	5	2.54%	2.45%	0.09%
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	15	9	-6	2.55%	1.91%	0.64%
Salt Lake City, UT	PacifiCorp	15	40	25	2.55%	3.48%	-0.93%
Richmond, VA	Dominion Virginia Power	17	10	-7	2.68%	2.00%	0.68%
Evansville, IN	Southern Indiana Gas & Electric Company	18	13	-5	2.71%	2.10%	0.61%
Des Moines, IA	MidAmerican Energy	19	28	9	2.76%	3.05%	-0.29%
Council Bluffs, IA	MidAmerican Energy	19	28	9	2.76%	3.05%	-0.29%
Sioux City, IA	MidAmerican Energy	19	28	9	2.76%	3.05%	-0.29%
Fort Collins, CO	Platte River Power Authority	22	39	17	2.77%	3.47%	-0.70%
Wilmington, DE	Delmarva Power	23	15	-8	2.83%	2.18%	0.65%
Nashville, TN	Nashville Electric Service	24	8	-16	2.85%	1.89%	0.96%
Myrtle Beach, SC	Santee Cooper	25	27	2	2.86%	3.02%	-0.16%
Huntsville, AL	City of Huntsville	26	12	-14	2.89%	2.09%	0.80%
Washington, DC	Potomac Electric Power Company	27	38	11	2.91%	3.38%	-0.47%
Tacoma, WA	Tacoma Public Utilities	28	45	17	2.97%	3.57%	-0.60%
Sacramento, CA	Sacramento Municipal Util Dist	30	22	-8	3.06%	2.77%	0.29%
Boise, ID	Idaho Power Company	29	58	29	3.00%	4.26%	-1.26%
Madison, WI	Madison Gas & Electric Company	33	22	-11	3.27%	2.77%	0.50%
Sioux Falls, SD	Northern States Power Company	31	43	12	3.09%	3.51%	-0.42%
Portland, OR	Portland General Electric Company	32	26	-6	3.23%	3.00%	0.23%
Kansas City, KS	Kansas City Board of Public Utilities	34	46	12	3.50%	3.66%	-0.16%
Greenville, SC	Duke Energy	35	52	17	3.51%	4.00%	-0.49%
Toledo, OH	Toledo Edison - FirstEnergy Corp.	36	44	8	3.56%	3.55%	0.01%
Lansing, MI	Lansing Board of Water & Light	37	55	18	3.57%	4.11%	-0.54%
Albuquerque, NM	Public Service Company of New Mexico	37	58	21	3.57%	4.26%	-0.69%
San Antonio, TX	CPS Energy	37	18	-19	3.57%	2.43%	1.14%
Indianapolis, IN	Indianapolis Power & Light Company	41	40	-1	3.83%	3.48%	0.35%
Springfield, MO	City Utilities of Springfield	40	36	-4	3.61%	3.28%	0.33%
Odessa, TX	TXU Energy	42	31	-11	3.96%	3.15%	0.81%
Midland, TX	TXU Energy	42	31	-11	3.96%	3.15%	0.81%
Auburn, AL	Alabama Power	44	31	-13	3.97%	3.15%	0.82%
Jacksonville, FL	JEA	45	11	-34	4.19%	2.03%	2.16%
Denver, CO	Xcel Energy (Public Service Company of Colorado)	45	25	-20	4.19%	2.97%	1.22%
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	45	34	-11	4.19%	3.24%	0.95%
Wichita, KS	Evergny (Formerly Westar Energy Inc)	48	47	-1	4.23%	3.71%	0.52%
Baltimore, MD	Baltimore Gas & Electric Company	49	48	-1	4.36%	3.72%	0.64%
Kansas City, MO	Evergny (Kansas City Power & Light Co.)	50	63	13	4.37%	4.46%	-0.09%



Table 17: Residential All-In Price Stability Rank Changes - Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	Avg Abs Percent Change	Avg Abs Percent Δ PY	Percentage Points Change
Savannah, GA	Georgia Power	51	35	-16	4.50%	3.27%	1.23%
Austin, TX	Austin Energy	52	24	-28	4.55%	2.91%	1.64%
Little Rock, AR	Entergy Arkansas, Inc.	53	63	10	4.61%	4.46%	0.15%
Seattle, WA	Seattle City Light	54	68	14	4.65%	4.62%	0.03%
Colorado Springs, CO	City of Colorado Springs	55	50	-5	4.70%	3.78%	0.92%
Waco, TX	Reliant Energy	56	53	-3	4.77%	4.02%	0.75%
Laredo, TX	Reliant Energy	56	53	-3	4.77%	4.02%	0.75%
Fargo, ND	Northern States Power Company	58	61	3	4.83%	4.43%	0.40%
Farmingdale, NY	Long Island Power Authority	59	51	-8	4.98%	3.94%	1.04%
Lakeland, FL	Lakeland Electric Utility	60	69	9	5.01%	4.70%	0.31%
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	61	74	13	5.04%	5.16%	-0.12%
Bridgeport, CT	United Illuminating Company	62	73	11	5.07%	5.15%	-0.08%
Lexington, KY	Kentucky Utilities Company	63	66	3	5.24%	4.49%	0.75%
Anaheim, CA	Anaheim Public Utilities	64	76	12	5.26%	5.47%	-0.21%
Anchorage, AK	Chugach Electric Association Incorporated	65	75	10	5.34%	5.30%	0.04%
Oklahoma City, OK	Oklahoma Gas & Electric Company	66	49	-17	5.41%	3.76%	1.65%
Lima, OH	AEP Ohio (Ohio Power Company)	67	70	3	5.60%	4.72%	0.88%
Las Vegas, NV	Nevada Power Company - NV Energy	68	55	-13	6.03%	4.11%	1.92%
Allentown, PA	PPL Electric Utilities	69	65	-4	6.11%	4.48%	1.63%
Pawtucket, RI	Narragansett Electric Company	70	80	10	6.25%	5.92%	0.33%
Chicago, IL	Commonwealth Edison Company	71	67	-4	6.52%	4.51%	2.01%
Gainesville, FL	Gainesville Regional Utilities	72	42	-30	6.73%	3.50%	3.23%
Imperial, CA	Imperial Irrigation District - Energy	73	81	8	6.74%	5.97%	0.77%
Charleston, WV	AEP (Appalachian Power Rate Area)	74	83	9	6.84%	6.27%	0.57%
Orlando, FL	Orlando Utilities Commission	75			6.93%		
Reno, NV	Sierra Pacific Power Company - NV Energy	76	71	-5	7.00%	4.88%	2.12%
Portland, ME	Central Maine Power Co	77	57	-20	7.04%	4.19%	2.85%
Lafayette, LA	Lafayette Utilities System	78	72	-6	7.15%	5.07%	2.08%
Tulsa, OK	Public Service Company of Oklahoma	79	82	3	7.42%	6.16%	1.26%
Manchester, NH	Public Service Company of New Hampshire	80	60	-20	7.47%	4.36%	3.11%
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	81	77	-4	7.58%	5.71%	1.87%
Boston, MA	Eversource (Formerly Boston Edison Company)	81	77	-4	7.58%	5.71%	1.87%
Springfield, MA	Eversource (Formerly Western Massachusetts Electric)	81	77	-4	7.58%	5.71%	1.87%
Dayton, OH	AES Ohio (formerly DP&L)	84	62	-22	7.71%	4.44%	3.27%
Baton Rouge, LA	Entergy Louisiana, LLC	85	85	0	8.10%	7.72%	0.38%
Jackson, MS	Entergy Mississippi, Inc.	86	86	0	8.77%	7.83%	0.94%
Honolulu, HI	Hawaiian Electric Company	87	87	0	10.51%	8.09%	2.42%

Note: Average price was calculated by determining the utilities' average absolute percent change between the years 2012-2022. Anchorage Municipal Light and Power that used to service Anchorage, AK was absorbed by Chugach Electric Association Incorporated.

Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Table 18: Commercial All-In Price Stability Rank Changes - Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	Avg Abs Percent Change	Avg Abs Percent Change PY	Percentage Points Change
Omaha, NE	Omaha Public Power District	1	6	5	0.97%	1.54%	-0.57%
Riverside, CA	Riverside Electric Utility	2	1	-1	1.14%	0.95%	0.19%
Lincoln, NE	Lincoln Electric System	3	4	1	1.30%	1.36%	-0.06%
Phoenix, AZ	Salt River Project	3	2	-1	1.30%	1.01%	0.29%
Greensboro, NC	Duke Energy	5	12	7	1.52%	2.32%	-0.80%
Turlock, CA	Turlock Irrigation District	6	15	9	1.57%	2.45%	-0.88%
College Station, TX	College Station Utilities	7	5	-2	1.62%	1.40%	0.22%
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	8	3	-5	1.98%	1.34%	0.64%
Newark, NJ	Public Service Electric & Gas Company	9	8	-1	2.07%	1.84%	0.23%
Billings, MT	NorthWestern Energy (formerly Montana Power)	10	10	0	2.09%	2.04%	0.05%
Burlington, VT	City of Burlington Electric	11	7	-4	2.19%	1.60%	0.59%
Salt Lake City, UT	PacifiCorp	12	30	18	2.41%	3.26%	-0.85%
Evansville, IN	Southern Indiana Gas & Electric Company	13	16	3	2.43%	2.63%	-0.20%
Kearney, NE	Nebraska Public Power District	13	27	14	2.43%	3.12%	-0.69%
Portland, OR	Portland General Electric Company	15	11	-4	2.61%	2.18%	0.43%
Des Moines, IA	MidAmerican Energy	16	22	6	2.68%	2.70%	-0.02%
Sioux City, IA	MidAmerican Energy	16	22	6	2.68%	2.70%	-0.02%
Council Bluffs, IA	MidAmerican Energy	16	22	6	2.68%	2.70%	-0.02%
Bowling Green, KY	Bowling Green Municipal Utilities	19	17	-2	2.75%	2.64%	0.11%
High Point, NC	High Point Electric Utility Department	20	20	0	2.77%	2.66%	0.11%
Myrtle Beach, SC	Santee Cooper	21	25	4	2.82%	2.84%	-0.02%
Nashville, TN	Nashville Electric Service	23	9	-14	2.97%	1.94%	1.03%
Laredo, TX	Reliant Energy	24	18	-6	3.14%	2.65%	0.49%
Tallahassee, FL	City of Tallahassee Electric Utility	22	37	15	2.93%	3.64%	-0.71%
Waco, TX	Reliant Energy	24	18	-6	3.14%	2.65%	0.49%
Huntsville, AL	City of Huntsville	26	13	-13	3.24%	2.37%	0.87%
Washington, DC	Potomac Electric Power Company	27	36	9	3.29%	3.57%	-0.28%
Sacramento, CA	Sacramento Municipal Util Dist	28	32	4	3.42%	3.31%	0.11%
Tacoma, WA	Tacoma Public Utilities	29	34	5	3.49%	3.39%	0.10%
Toledo, OH	Toledo Edison - FirstEnergy Corp.	30	40	10	3.51%	3.73%	-0.22%
Fort Collins, CO	Platte River Power Authority	31	47	16	3.57%	4.08%	-0.51%
Madison, WI	Madison Gas & Electric Company	33	26	-7	3.72%	3.11%	0.61%
Sioux Falls, SD	Northern States Power Company	32	51	19	3.70%	4.19%	-0.49%
Auburn, AL	Alabama Power	34	21	-13	3.75%	2.67%	1.08%
Greenville, SC	Duke Energy	35	50	15	3.86%	4.16%	-0.30%
Springfield, MO	City Utilities of Springfield	36	29	-7	3.91%	3.20%	0.71%
San Antonio, TX	CPS Energy	38	28	-10	4.21%	3.17%	1.04%
Indianapolis, IN	Indianapolis Power & Light Company	37	42	5	4.20%	3.96%	0.24%
Lansing, MI	Lansing Board of Water & Light	39	53	14	4.30%	4.32%	-0.02%
Seattle, WA	Seattle City Light	39	55	16	4.30%	4.53%	-0.23%
Boise, ID	Idaho Power Company	41	58	17	4.38%	4.85%	-0.47%
Denver, CO	Xcel Energy (Public Service Company of Colorado)	42	45	3	4.39%	4.02%	0.37%
Albuquerque, NM	Public Service Company of New Mexico	42	59	17	4.39%	4.87%	-0.48%
Kansas City, KS	Kansas City Board of Public Utilities	44	37	-7	4.46%	3.64%	0.82%
Fargo, ND	Northern States Power Company	45	43	-2	4.47%	3.97%	0.50%
Wichita, KS	Eversource (Formerly Westar Energy Inc)	46	35	-11	4.48%	3.49%	0.99%
Austin, TX	Austin Energy	47	31	-16	4.54%	3.30%	1.24%
Charleston, WV	AEP (Appalachian Power Rate Area)	48	44	-4	4.63%	4.00%	0.63%
Richmond, VA	Dominion Virginia Power	49	14	-35	4.69%	2.39%	2.30%
Wilmington, DE	Delmarva Power	50	46	-4	4.79%	4.07%	0.72%



Table 18: Commercial All-In Price Stability Rank Changes - Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	Avg Abs Percent Change	Avg Abs Percent Change PY	Percentage Points Change
Lakeland, FL	Lakeland Electric Utility	51	48	-3	4.98%	4.09%	0.89%
Lexington, KY	Kentucky Utilities Company	52	53	1	5.05%	4.32%	0.73%
Kansas City, MO	Evergy (Kansas City Power & Light Co.)	53	61	8	5.19%	5.06%	0.13%
Lima, OH	AEP Ohio (Ohio Power Company)	54	73	19	5.24%	6.52%	-1.28%
Orlando, FL	Orlando Utilities Commission	55	52	-3	5.52%	4.25%	1.27%
Jacksonville, FL	JEA	55	40	-15	5.52%	3.73%	1.79%
Savannah, GA	Georgia Power	57	49	-8	5.65%	4.12%	1.53%
Anchorage, AK	Chugach Electric Association Incorporated	58	66	8	5.68%	5.54%	0.14%
Farmingdale, NY	Long Island Power Authority	59	62	3	5.73%	5.07%	0.66%
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	60	57	-3	5.77%	4.69%	1.08%
Midland, TX	TXU Energy	61	67	6	5.92%	5.78%	0.14%
Odessa, TX	TXU Energy	61	67	6	5.92%	5.78%	0.14%
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	63	69	6	6.00%	5.87%	0.13%
Gainesville, FL	Gainesville Regional Utilities	64	32	-32	6.27%	3.31%	2.96%
Anaheim, CA	Anaheim Public Utilities	65	76	11	6.33%	6.88%	-0.55%
Lafayette, LA	Lafayette Utilities System	66	56	-10	6.61%	4.65%	1.96%
Imperial, CA	Imperial Irrigation District - Energy	67	70	3	6.72%	5.96%	0.76%
Baltimore, MD	Baltimore Gas & Electric Company	68	37	-31	6.94%	3.64%	3.30%
Bridgeport, CT	United Illuminating Company	69	72	3	7.02%	6.24%	0.78%
Oklahoma City, OK	Oklahoma Gas & Electric Company	70	60	-10	7.07%	5.02%	2.05%
Colorado Springs, CO	City of Colorado Springs	71	63	-8	7.26%	5.16%	2.10%
Allentown, PA	PPL Electric Utilities	72	75	3	7.79%	6.70%	1.09%
Reno, NV	Sierra Pacific Power Company - NV Energy	73	65	-8	7.83%	5.50%	2.33%
Las Vegas, NV	Nevada Power Company - NV Energy	74	64	-10	7.93%	5.36%	2.57%
Little Rock, AR	Entergy Arkansas, Inc.	75	79	4	8.11%	7.79%	0.32%
Baton Rouge, LA	Entergy Louisiana, LLC	76	80	4	8.32%	8.09%	0.23%
Chicago, IL	Commonwealth Edison Company	77	74	-3	8.40%	6.55%	1.85%
Pawtucket, RI	Narragansett Electric Company	78	84	6	8.71%	8.63%	0.08%
Jackson, MS	Entergy Mississippi, Inc.	79	83	4	9.45%	8.48%	0.97%
Tulsa, OK	Public Service Company of Oklahoma	80	81	1	9.51%	8.11%	1.40%
Portland, ME	Central Maine Power Co	81	70	-11	9.69%	5.96%	3.73%
Dayton, OH	AES Ohio (formerly DP&L)	82	78	-4	10.12%	7.53%	2.59%
Honolulu, HI	Hawaiian Electric Company	83	82	-1	10.73%	8.24%	2.49%
Manchester, NH	Public Service Company of New Hampshire	84	77	-7	11.59%	7.18%	4.41%
Boston, MA	Eversource (Formerly Boston Edison Company)	85	85	0	12.24%	9.92%	2.32%
Springfield, MA	Eversource (Formerly Western Massachusetts Electric)	85	85	0	12.24%	9.92%	2.32%
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	85	85	0	12.24%	9.92%	2.32%

Note: Average price was calculated by determining the utilities' average absolute percent change between the years 2012-2022. Anchorage Municipal Light and Power that used to service Anchorage, AK was absorbed by Chugach Electric Association Incorporated.

Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Table 19: Industrial All-In Price Stability Rank Changes - Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	Avg Abs Percent Change	Avg Abs Percent Change PY	Percentage Points Change
Turlock, CA	Turlock Irrigation District	1	2	1	1.38%	1.65%	-0.27%
Burlington, VT	City of Burlington Electric	1	1	0	1.38%	0.91%	0.47%
Greensboro, NC	Duke Energy	3	11	8	1.70%	2.64%	-0.94%
Riverside, CA	Riverside Electric Utility	4	4	0	2.26%	1.98%	0.28%
Lincoln, NE	Lincoln Electric System	4	6	2	2.26%	2.18%	0.08%
Phoenix, AZ	Salt River Project	6	3	-3	2.32%	1.85%	0.47%
Portland, OR	Portland General Electric Company	7	9	2	2.39%	2.57%	-0.18%
High Point, NC	High Point Electric Utility Department	8	14	6	2.40%	2.94%	-0.54%
Evansville, IN	Southern Indiana Gas & Electric Company	9	12	3	2.80%	2.80%	0.00%
Sacramento, CA	Sacramento Municipal Util Dist	10	8	-2	2.93%	2.51%	0.42%
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	11	5	-6	2.99%	2.09%	0.90%
Tacoma, WA	Tacoma Public Utilities	13	20	7	3.40%	3.59%	-0.19%
Fort Collins, CO	Platte River Power Authority	12	23	11	3.11%	3.83%	-0.72%
Billings, MT	NorthWestern Energy (formerly Montana Power)	14	21	7	3.67%	3.65%	0.02%
Omaha, NE	Omaha Public Power District	15	32	17	3.87%	4.30%	-0.43%
Charleston, WV	AEP (Appalachian Power Rate Area)	16	18	2	3.91%	3.56%	0.35%
Seattle, WA	Seattle City Light	17	33	16	3.98%	4.32%	-0.34%
Salt Lake City, UT	PacifiCorp	18	25	7	4.16%	4.11%	0.05%
Wichita, KS	Evergy (Formerly Westar Energy Inc)	19	12	-7	4.18%	2.80%	1.38%
Springfield, MO	City Utilities of Springfield	20	16	-4	4.19%	3.32%	0.87%
Indianapolis, IN	Indianapolis Power & Light Company	21	15	-6	4.22%	3.10%	1.12%
Lansing, MI	Lansing Board of Water & Light	22	38	16	4.29%	5.01%	-0.72%
Lexington, KY	Kentucky Utilities Company	23	17	-6	4.46%	3.44%	1.02%
Council Bluffs, IA	MidAmerican Energy	24	28	4	4.55%	4.29%	0.26%
Des Moines, IA	MidAmerican Energy	24	28	4	4.55%	4.29%	0.26%
Sioux City, IA	MidAmerican Energy	24	28	4	4.55%	4.29%	0.26%
Sioux Falls, SD	Northern States Power Company	27	40	13	4.61%	5.11%	-0.50%
San Antonio, TX	CPS Energy	30	19	-11	4.84%	3.57%	1.27%
Auburn, AL	Alabama Power	28	10	-18	4.78%	2.62%	2.16%
Denver, CO	Xcel Energy (Public Service Company of Colorado)	29	28	-1	4.82%	4.29%	0.53%
Boise, ID	Idaho Power Company	31	40	9	5.07%	5.11%	-0.04%
Huntsville, AL	City of Huntsville	32	22	-10	5.20%	3.69%	1.51%
Odessa, TX	TXU Energy	33	34	1	5.23%	4.60%	0.63%
Imperial, CA	Imperial Irrigation District - Energy	35	77	42	5.30%	19.88%	-14.58%
Midland, TX	TXU Energy	33	34	1	5.23%	4.60%	0.63%
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	36	24	-12	5.34%	3.94%	1.40%
Kansas City, MO	Evergy (Kansas City Power & Light Co.)	36	39	3	5.34%	5.08%	0.26%
Kearney, NE	Nebraska Public Power District	38	51	13	5.42%	6.19%	-0.77%
Richmond, VA	Dominion Virginia Power	39	7	-32	5.51%	2.50%	3.01%
Nashville, TN	Nashville Electric Service	40	26	-14	5.73%	4.14%	1.59%
Madison, WI	Madison Gas & Electric Company	41	36	-5	5.74%	4.72%	1.02%
Kansas City, KS	Kansas City Board of Public Utilities	42	49	7	5.84%	6.07%	-0.23%
Anchorage, AK	Chugach Electric Association Incorporated	43			5.87%		
Greenville, SC	Duke Energy	44	47	3	6.01%	5.65%	0.36%
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	45	52	7	6.13%	6.35%	-0.22%
Bowling Green, KY	Bowling Green Municipal Utilities	46	37	-9	6.22%	4.83%	1.39%
Austin, TX	Austin Energy	47	27	-20	6.33%	4.20%	2.13%
Albuquerque, NM	Public Service Company of New Mexico	48	53	5	6.61%	6.44%	0.17%
Waco, TX	Reliant Energy	49	56	7	7.08%	7.18%	-0.10%
Laredo, TX	Reliant Energy	49	56	7	7.08%	7.18%	-0.10%



Table 19: Industrial All-In Price Stability Rank Changes - Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	Avg Abs Percent Change	Avg Abs Percent Change PY	Percentage Points Change
Fargo, ND	Northern States Power Company	51	54	3	7.10%	6.84%	0.26%
Myrtle Beach, SC	Santee Cooper	52	44	-8	7.12%	5.47%	1.65%
Colorado Springs, CO	City of Colorado Springs	53	48	-5	7.49%	5.75%	1.74%
Lakeland, FL	Lakeland Electric Utility	54	55	1	7.83%	6.92%	0.91%
Anaheim, CA	Anaheim Public Utilities	55	63	8	8.35%	8.50%	-0.15%
Baltimore, MD	Baltimore Gas & Electric Company	56	42	-14	8.48%	5.35%	3.13%
Las Vegas, NV	Nevada Power Company - NV Energy	57	50	-7	8.75%	6.15%	2.60%
Little Rock, AR	Entergy Arkansas, Inc.	58	62	4	8.96%	8.26%	0.70%
Jacksonville, FL	JEA	59	60	1	9.08%	8.02%	1.06%
Gainesville, FL	Gainesville Regional Utilities	60	45	-15	9.44%	5.51%	3.93%
Reno, NV	Sierra Pacific Power Company - NV Energy	61	46	-15	10.53%	5.59%	4.94%
Pawtucket, RI	Narragansett Electric Company	62	61	-1	10.56%	8.22%	2.34%
Savannah, GA	Georgia Power	63	58	-5	10.85%	7.68%	3.17%
Oklahoma City, OK	Oklahoma Gas & Electric Company	64	59	-5	10.89%	8.00%	2.89%
Jackson, MS	Entergy Mississippi, Inc.	65	67	2	11.82%	10.66%	1.16%
Baton Rouge, LA	Entergy Louisiana, LLC	66	68	2	12.06%	11.90%	0.16%
Honolulu, HI	Hawaiian Electric Company	67	65	-2	12.68%	9.73%	2.95%
Bridgeport, CT	United Illuminating Company	68	66	-2	12.78%	10.47%	2.31%
Tulsa, OK	Public Service Company of Oklahoma	69	69	0	13.98%	12.43%	1.55%
Portland, ME	Central Maine Power Co	70	64	-6	14.88%	9.55%	5.33%
Toledo, OH	Toledo Edison - FirstEnergy Corp.	71	71	0	15.87%	15.49%	0.38%
Chicago, IL	Commonwealth Edison Company	72	70	-2	16.00%	14.91%	1.09%
Newark, NJ	Public Service Electric & Gas Company	73	76	3	17.66%	18.46%	-0.80%
Springfield, MA	Eversource (Formerly Western Massachusetts Electric)	74	72	-2	19.35%	16.96%	2.39%
Boston, MA	Eversource (Formerly Boston Edison Company)	74	72	-2	19.35%	16.96%	2.39%
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	74	72	-2	19.35%	16.96%	2.39%
Lima, OH	AEP Ohio (Ohio Power Company)	77	75	-2	20.35%	18.08%	2.27%
Dayton, OH	AES Ohio (formerly DP&L)	78	79	1	25.45%	21.80%	3.65%
Manchester, NH	Public Service Company of New Hampshire	79	78	-1	27.89%	20.96%	6.93%
Allentown, PA	PPL Electric Utilities	80	81	1	31.13%	36.38%	-5.25%
Wilmington, DE	Delmarva Power	81	80	-1	34.35%	28.64%	5.71%

Note: Average price was calculated by dividing the utilities' sector revenue by sales of electricity. College Station Utilities, Lafayette Utilities System, Orlando Utilities Commission, City of Tallahassee Electric Utility, Long Island Power Authority, and Potomac Electric Power Company are not included in the rankings as they don't report industrial revenue. Anchorage Municipal Light and Power that used to service Anchorage, AK was absorbed by Chugach Electric Association Incorporated.

Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Table 20: All Retail Sectors All-In Price Stability Rank Changes - Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	Avg Abs Percent Change	Avg Abs Percent Change PY	Percentage Points Change
College Station, TX	College Station Utilities	1	1	0	0.88%	0.67%	0.21%
Turlock, CA	Turlock Irrigation District	2	5	3	1.09%	1.46%	-0.37%
Phoenix, AZ	Salt River Project	3	2	-1	1.22%	0.91%	0.31%
Lincoln, NE	Lincoln Electric System	4	8	4	1.38%	1.58%	-0.20%
Greensboro, NC	Duke Energy	5	17	12	1.40%	2.24%	-0.84%
Omaha, NE	Omaha Public Power District	6	20	14	1.61%	2.27%	-0.66%
Burlington, VT	City of Burlington Electric	7	3	-4	1.67%	1.11%	0.56%
Riverside, CA	Riverside Electric Utility	8	4	-4	1.69%	1.38%	0.31%
Wilmington, DE	Delmarva Power	10	6	-4	2.14%	1.49%	0.65%
Newark, NJ	Public Service Electric & Gas Company	9	12	3	1.81%	1.83%	-0.02%
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	11	6	-5	2.16%	1.49%	0.67%
High Point, NC	High Point Electric Utility Department	12	16	4	2.21%	2.20%	0.01%
Billings, MT	NorthWestern Energy (formerly Montana Power)	13	15	2	2.31%	2.18%	0.13%
Portland, OR	Portland General Electric Company	14	19	5	2.40%	2.26%	0.14%
Bowling Green, KY	Bowling Green Municipal Utilities	15	14	-1	2.49%	2.09%	0.40%
Tallahassee, FL	City of Tallahassee Electric Utility	16	31	15	2.53%	3.04%	-0.51%
Sacramento, CA	Sacramento Municipal Util Dist	17	17	0	2.57%	2.24%	0.33%
Des Moines, IA	MidAmerican Energy	18	23	5	2.68%	2.58%	0.10%
Council Bluffs, IA	MidAmerican Energy	18	23	5	2.68%	2.58%	0.10%
Sioux City, IA	MidAmerican Energy	18	23	5	2.68%	2.58%	0.10%
Nashville, TN	Nashville Electric Service	22	11	-11	2.78%	1.74%	1.04%
Salt Lake City, UT	PacifiCorp	21	36	15	2.69%	3.30%	-0.61%
Evansville, IN	Southern Indiana Gas & Electric Company	23	27	4	2.94%	2.75%	0.19%
Washington, DC	Potomac Electric Power Company	24	34	10	2.97%	3.20%	-0.23%
Huntsville, AL	City of Huntsville	24	13	-11	2.97%	2.06%	0.91%
Fort Collins, CO	Platte River Power Authority	26	41	15	3.12%	3.71%	-0.59%
Richmond, VA	Dominion Virginia Power	27	9	-18	3.16%	1.67%	1.49%
Tacoma, WA	Tacoma Public Utilities	28	40	12	3.29%	3.60%	-0.31%
Midland, TX	TXU Energy	29	21	-8	3.33%	2.47%	0.86%
Odessa, TX	TXU Energy	29	21	-8	3.33%	2.47%	0.86%
Sioux Falls, SD	Northern States Power Company	31	43	12	3.37%	3.80%	-0.43%
Madison, WI	Madison Gas & Electric Company	32	30	-2	3.58%	3.03%	0.55%
Indianapolis, IN	Indianapolis Power & Light Company	33	29	-4	3.67%	3.01%	0.66%
Springfield, MO	City Utilities of Springfield	34	33	-1	3.74%	3.17%	0.57%
San Antonio, TX	CPS Energy	35	28	-7	3.92%	2.83%	1.09%
Boise, ID	Idaho Power Company	36	54	18	3.99%	4.54%	-0.55%
Jacksonville, FL	JEA	37	9	-28	4.00%	1.67%	2.33%
Auburn, AL	Alabama Power	38	26	-12	4.04%	2.65%	1.39%
Denver, CO	Xcel Energy (Public Service Company of Colorado)	39	38	-1	4.14%	3.41%	0.73%
Kearney, NE	Nebraska Public Power District	40	66	26	4.15%	4.90%	-0.75%
Lansing, MI	Lansing Board of Water & Light	41	50	9	4.19%	4.44%	-0.25%
Wichita, KS	Evergy (Formerly Westar Energy Inc)	42	35	-7	4.21%	3.28%	0.93%
Albuquerque, NM	Public Service Company of New Mexico	43	51	8	4.24%	4.45%	-0.21%
Kansas City, KS	Kansas City Board of Public Utilities	44	46	2	4.35%	4.16%	0.19%
Greenville, SC	Duke Energy	45	52	7	4.38%	4.46%	-0.08%
Seattle, WA	Seattle City Light	46	60	14	4.48%	4.61%	-0.13%
Baltimore, MD	Baltimore Gas & Electric Company	47	37	-10	4.61%	3.33%	1.28%
Austin, TX	Austin Energy	48	32	-16	4.67%	3.10%	1.57%
Kansas City, MO	Evergy (Kansas City Power & Light Co.)	49	61	12	4.70%	4.65%	0.05%
Lima, OH	AEP Ohio (Ohio Power Company)	50	77	27	4.75%	5.83%	-1.08%



Table 20: All Retail Sectors All-In Price Stability Rank Changes - Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	Avg Abs Percent Change	Avg Abs Percent Change PY	Percentage Points Change
Lexington, KY	Kentucky Utilities Company	51	42	-9	4.88%	3.76%	1.12%
Bridgeport, CT	United Illuminating Company	52	72	20	4.89%	5.35%	-0.46%
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	53	44	-9	4.97%	3.92%	1.05%
Fargo, ND	Northern States Power Company	54	54	0	5.00%	4.54%	0.46%
Myrtle Beach, SC	Santee Cooper	55	65	10	5.19%	4.84%	0.35%
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	56	73	17	5.22%	5.52%	-0.30%
Farmingdale, NY	Long Island Power Authority	57	49	-8	5.25%	4.40%	0.85%
Charleston, WV	AEP (Appalachian Power Rate Area)	58	62	4	5.28%	4.70%	0.58%
Waco, TX	Reliant Energy	59	56	-3	5.34%	4.58%	0.76%
Laredo, TX	Reliant Energy	59	56	-3	5.34%	4.58%	0.76%
Lakeland, FL	Lakeland Electric Utility	61	64	3	5.38%	4.74%	0.64%
Orlando, FL	Orlando Utilities Commission	62	53	-9	5.52%	4.53%	0.99%
Little Rock, AR	Entergy Arkansas, Inc.	63	70	7	5.54%	5.17%	0.37%
Savannah, GA	Georgia Power	64	45	-19	5.67%	4.02%	1.65%
Anchorage, AK	Chugach Electric Association Incorporated	65	74	9	5.77%	5.64%	0.13%
Colorado Springs, CO	City of Colorado Springs	66	48	-18	5.890000%	4.370000%	1.52%
Anaheim, CA	Anaheim Public Utilities	67	79	12	6.03%	6.38%	-0.35%
Pawtucket, RI	Narragansett Electric Company	68	78	10	6.22%	5.85%	0.37%
Allentown, PA	PPL Electric Utilities	69	69	0	6.32%	5.06%	1.26%
Imperial, CA	Imperial Irrigation District - Energy	70	76	6	6.58%	5.72%	0.86%
Lafayette, LA	Lafayette Utilities System	71	59	-12	6.59%	4.59%	2.00%
Gainesville, FL	Gainesville Regional Utilities	72	39	-33	6.71%	3.46%	3.25%
Las Vegas, NV	Nevada Power Company - NV Energy	73	56	-17	6.86%	4.58%	2.28%
Oklahoma City, OK	Oklahoma Gas & Electric Company	74			7.04%		
Dayton, OH	AES Ohio (formerly DP&L)	75	47	-28	7.53%	4.33%	3.20%
Chicago, IL	Commonwealth Edison Company	76	75	-1	7.60%	5.65%	1.95%
Reno, NV	Sierra Pacific Power Company - NV Energy	77	67	-10	8.09%	4.91%	3.18%
Portland, ME	Central Maine Power Co	78	63	-15	8.13%	4.71%	3.42%
Manchester, NH	Public Service Company of New Hampshire	79	71	-8	8.81%	5.34%	3.47%
Toledo, OH	Toledo Edison - FirstEnergy Corp.	80	80	0	8.84%	6.85%	1.99%
Baton Rouge, LA	Entergy Louisiana, LLC	81	87	6	8.87%	8.74%	0.13%
Boston, MA	Eversource (Formerly Boston Edison Company)	82	81	-1	9.11%	7.28%	1.83%
Springfield, MA	Eversource (Formerly Western Massachusetts Electric)	82	81	-1	9.11%	7.28%	1.83%
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	82	81	-1	9.11%	7.28%	1.83%
Tulsa, OK	Public Service Company of Oklahoma	85	84	-1	9.24%	7.93%	1.31%
Jackson, MS	Entergy Mississippi, Inc.	86	85	-1	9.53%	8.60%	0.93%
Honolulu, HI	Hawaiian Electric Company	87	86	-1	11.37%	8.73%	2.64%

Note: Average price was calculated by determining the utilities' average absolute percent change between the years 2012-2022. Anchorage Municipal Light and Power that used to service Anchorage, AK was absorbed by Chugach Electric Association Incorporated.

Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Table 21: Residential All-In Price Stability - States			
State	Electric Market	Rank	Average Absolute Percent Change
New Jersey	Retail Choice	1	1.18%
Nebraska	Non Retail Choice	2	1.30%
North Carolina	Non Retail Choice	3	1.43%
Montana	Retail Choice	4	1.52%
Oregon	Non Retail Choice	5	1.57%
Wyoming	Non Retail Choice	6	1.82%
North Dakota	Non Retail Choice	7	1.98%
Washington	Non Retail Choice	8	2.03%
Utah	Non Retail Choice	9	2.05%
Iowa	Non Retail Choice	10	2.13%
Arizona	Non Retail Choice	11	2.23%
Wisconsin	Non Retail Choice	12	2.25%
Missouri	Non Retail Choice	13	2.33%
Idaho	Non Retail Choice	14	2.35%
Colorado	Non Retail Choice	15	2.41%
South Dakota	Non Retail Choice	16	2.45%
Minnesota	Non Retail Choice	17	2.47%
Delaware	Retail Choice	18	2.50%
Tennessee	Non Retail Choice	19	2.52%
Virginia	Non Retail Choice	20	2.56%
Michigan	Retail Choice	21	2.63%
South Carolina	Non Retail Choice	22	2.69%
Vermont	Non Retail Choice	23	2.72%
Ohio	Retail Choice	24	2.75%
Alaska	Non Retail Choice	25	2.94%
Maryland	Retail Choice	26	3.03%
Alabama	Non Retail Choice	27	3.15%
Georgia	Non Retail Choice	28	3.16%
Kansas	Non Retail Choice	29	3.22%
District of Columbia	Retail Choice	30	3.27%
Pennsylvania	Retail Choice	31	3.29%
New Mexico	Non Retail Choice	32	3.31%
Indiana	Non Retail Choice	33	3.40%
Mississippi	Non Retail Choice	34	3.68%
Kentucky	Non Retail Choice	35	3.73%
Oklahoma	Non Retail Choice	36	3.77%
Arkansas	Non Retail Choice	37	3.80%
Texas	Retail Choice	38	3.97%
Florida	Non Retail Choice	39	4.83%
West Virginia	Non Retail Choice	40	4.96%
Illinois	Retail Choice	41	5.06%
Connecticut	Retail Choice	42	5.29%
California	Retail Choice	43	5.43%
Nevada	Non Retail Choice	44	5.56%
New York	Retail Choice	45	5.65%
Louisiana	Non Retail Choice	46	5.73%
Rhode Island	Retail Choice	47	6.05%
New Hampshire	Retail Choice	48	6.16%
Maine	Retail Choice	49	6.38%
Massachusetts	Retail Choice	50	6.68%
Hawaii	Non Retail Choice	51	9.18%

Data Source(s): 2012-2022 EIA Electric Sales, Revenue, and Average Price, Table 5A; 2012-2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers; APPA Retail Electric Rates in Deregulated and Regulated States, 2022 Update



Table 22: Commercial All-In Price Stability - States			
State	Electric Market	Rank	Average Absolute Percent Change
Nebraska	Non Retail Choice	1	0.86%
Oregon	Non Retail Choice	2	1.46%
North Carolina	Non Retail Choice	3	1.56%
Wisconsin	Non Retail Choice	4	1.83%
Montana	Retail Choice	5	1.84%
Utah	Non Retail Choice	6	1.99%
Wyoming	Non Retail Choice	7	2.02%
Washington	Non Retail Choice	8	2.15%
New Jersey	Retail Choice	9	2.29%
Arizona	Non Retail Choice	10	2.30%
Michigan	Retail Choice	11	2.34%
North Dakota	Non Retail Choice	12	2.54%
Ohio	Retail Choice	13	2.58%
South Dakota	Non Retail Choice	14	2.66%
South Carolina	Non Retail Choice	15	2.67%
Missouri	Non Retail Choice	16	2.74%
Idaho	Non Retail Choice	17	2.83%
Iowa	Non Retail Choice	18	2.88%
Tennessee	Non Retail Choice	19	2.89%
Kansas	Non Retail Choice	20	3.03%
Alabama	Non Retail Choice	21	3.06%
Connecticut	Retail Choice	22	3.12%
Texas	Retail Choice	23	3.15%
Colorado	Non Retail Choice	24	3.41%
Delaware	Retail Choice	25	3.59%
Alaska	Non Retail Choice	26	3.61%
New Mexico	Non Retail Choice	27	3.67%
Kentucky	Non Retail Choice	28	3.74%
Indiana	Non Retail Choice	29	3.88%
Georgia	Non Retail Choice	30	4.12%
West Virginia	Non Retail Choice	31	4.16%
Illinois	Retail Choice	32	4.33%
Maine	Retail Choice	33	4.51%
District of Columbia	Retail Choice	34	4.53%
Minnesota	Non Retail Choice	35	4.54%
Pennsylvania	Retail Choice	36	4.58%
Virginia	Non Retail Choice	37	4.61%
Massachusetts	Retail Choice	38	4.71%
New Hampshire	Retail Choice	39	4.91%
Maryland	Retail Choice	40	4.92%
Mississippi	Non Retail Choice	41	4.99%
Vermont	Non Retail Choice	42	5.14%
New York	Retail Choice	43	5.16%
Arkansas	Non Retail Choice	44	5.48%
Oklahoma	Non Retail Choice	45	5.49%
Florida	Non Retail Choice	46	5.53%
Rhode Island	Retail Choice	47	5.82%
California	Retail Choice	48	5.94%
Louisiana	Non Retail Choice	49	6.16%
Nevada	Non Retail Choice	50	7.29%
Hawaii	Non Retail Choice	51	9.68%

Data Source(s): 2012-2022 EIA Electric Sales, Revenue, and Average Price, Table 5A; 2012-2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers; APPA Retail Electric Rates in Deregulated and Regulated States, 2022 Update



Table 23: Industrial All-In Price Stability - States			
State	Electric Market	Rank	Average Absolute Percent Change
Nebraska	Non Retail Choice	1	1.72%
North Carolina	Non Retail Choice	2	1.83%
Wyoming	Non Retail Choice	3	2.15%
South Dakota	Non Retail Choice	4	2.27%
Wisconsin	Non Retail Choice	5	2.29%
Colorado	Non Retail Choice	6	2.87%
Vermont	Non Retail Choice	7	3.06%
Kansas	Non Retail Choice	8	3.28%
Oregon	Non Retail Choice	9	3.31%
South Carolina	Non Retail Choice	10	3.39%
Michigan	Retail Choice	11	3.45%
Iowa	Non Retail Choice	12	3.48%
Utah	Non Retail Choice	13	3.69%
Idaho	Non Retail Choice	14	4.06%
Missouri	Non Retail Choice	15	4.11%
Washington	Non Retail Choice	16	4.16%
West Virginia	Non Retail Choice	17	4.22%
New Jersey	Retail Choice	18	4.26%
North Dakota	Non Retail Choice	19	4.32%
Minnesota	Non Retail Choice	20	4.37%
New Hampshire	Retail Choice	21	4.46%
Maine	Retail Choice	22	4.61%
Mississippi	Non Retail Choice	23	4.62%
Alabama	Non Retail Choice	24	4.63%
Massachusetts	Retail Choice	25	4.64%
Ohio	Retail Choice	26	4.82%
Indiana	Non Retail Choice	27	5.15%
Virginia	Non Retail Choice	28	5.29%
Alaska	Non Retail Choice	29	5.37%
Arizona	Non Retail Choice	30	5.40%
Arkansas	Non Retail Choice	31	5.45%
New York	Retail Choice	32	5.50%
Florida	Non Retail Choice	33	5.67%
Kentucky	Non Retail Choice	34	5.73%
California	Retail Choice	35	5.81%
Tennessee	Non Retail Choice	35	5.81%
Rhode Island	Retail Choice	37	5.83%
Delaware	Retail Choice	38	5.98%
New Mexico	Non Retail Choice	39	6.03%
Illinois	Retail Choice	40	6.15%
Pennsylvania	Retail Choice	41	6.18%
Maryland	Retail Choice	42	6.43%
Texas	Retail Choice	43	7.07%
Montana	Retail Choice	44	7.10%
District of Columbia	Retail Choice	45	7.23%
Georgia	Non Retail Choice	46	8.10%
Nevada	Non Retail Choice	47	9.08%
Oklahoma	Non Retail Choice	48	9.85%
Connecticut	Retail Choice	49	9.96%
Louisiana	Non Retail Choice	50	11.12%
Hawaii	Non Retail Choice	51	11.55%

Data Source(s): 2012-2022 EIA Electric Sales, Revenue, and Average Price, Table 5A; 2012-2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers; APPA Retail Electric Rates in Deregulated and Regulated States, 2022 Update



Table 24: All Retail Sectors All-In Price Stability - States			
State	Electric Market	Rank	Average Absolute Percent Change
Nebraska	Non Retail Choice	1	1.22%
Oregon	Non Retail Choice	2	1.36%
North Carolina	Non Retail Choice	3	1.54%
New Jersey	Retail Choice	4	1.85%
Wyoming	Non Retail Choice	5	1.92%
Wisconsin	Non Retail Choice	6	1.98%
Vermont	Non Retail Choice	7	2.11%
Montana	Retail Choice	8	2.24%
Arizona	Non Retail Choice	9	2.26%
South Dakota	Non Retail Choice	10	2.29%
Utah	Non Retail Choice	11	2.38%
Iowa	Non Retail Choice	12	2.44%
North Dakota	Non Retail Choice	13	2.51%
Michigan	Retail Choice	14	2.68%
Missouri	Non Retail Choice	15	2.70%
Tennessee	Non Retail Choice	15	2.70%
Washington	Non Retail Choice	15	2.70%
South Carolina	Non Retail Choice	18	2.72%
Colorado	Non Retail Choice	19	2.75%
Alaska	Non Retail Choice	20	2.84%
Delaware	Retail Choice	21	2.86%
Ohio	Retail Choice	22	2.90%
Idaho	Non Retail Choice	23	2.97%
Kansas	Non Retail Choice	24	3.01%
Minnesota	Non Retail Choice	25	3.18%
Alabama	Non Retail Choice	26	3.19%
Virginia	Non Retail Choice	27	3.36%
Pennsylvania	Retail Choice	28	3.44%
Texas	Retail Choice	29	3.60%
Maryland	Retail Choice	30	3.66%
Indiana	Non Retail Choice	31	3.69%
New Mexico	Non Retail Choice	32	3.74%
District of Columbia	Retail Choice	33	3.86%
Georgia	Non Retail Choice	34	3.92%
Kentucky	Non Retail Choice	35	4.08%
Arkansas	Non Retail Choice	36	4.14%
Illinois	Retail Choice	37	4.24%
Mississippi	Non Retail Choice	38	4.28%
West Virginia	Non Retail Choice	39	4.30%
Connecticut	Retail Choice	40	4.63%
Maine	Retail Choice	41	4.92%
Florida	Non Retail Choice	42	4.99%
New York	Retail Choice	43	5.04%
New Hampshire	Retail Choice	44	5.28%
Rhode Island	Retail Choice	45	5.33%
Massachusetts	Retail Choice	46	5.35%
Oklahoma	Non Retail Choice	47	5.44%
California	Retail Choice	47	5.44%
Nevada	Non Retail Choice	49	6.49%
Louisiana	Non Retail Choice	50	6.85%
Hawaii	Non Retail Choice	51	10.12%

Data Source(s): 2012-2022 EIA Electric Sales, Revenue, and Average Price, Table 5A; 2012-2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers; APPA Retail Electric Rates in Deregulated and Regulated States, 2022 Update



Table 25: Average Monthly Residential Bill - Cities				
City/State	Utility	Utility Type	Rank	Average Monthly Bill
Burlington, VT	City of Burlington Electric	Municipal	1	\$72.43
Seattle, WA	Seattle City Light	Municipal	2	\$76.48
Fort Collins, CO	Platte River Power Authority	Municipal	3	\$77.29
Anaheim, CA	Anaheim Public Utilities	Municipal	4	\$80.38
Washington, DC	Potomac Electric Power Company	Investor Owned	5	\$81.41
Albuquerque, NM	Public Service Company of New Mexico	Investor Owned	6	\$83.44
Lincoln, NE	Lincoln Electric System	Municipal	7	\$83.73
Salt Lake City, UT	PacifiCorp	Investor Owned	8	\$85.28
Denver, CO	Xcel Energy (Public Service Company of Colorado)	Investor Owned	9	\$87.24
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	Investor Owned	10	\$87.65
Lansing, MI	Lansing Board of Water & Light	Municipal	11	\$88.39
Council Bluffs, IA	MidAmerican Energy	Investor Owned	12	\$93.24
Des Moines, IA	MidAmerican Energy	Investor Owned	12	\$93.24
Sioux City, IA	MidAmerican Energy	Investor Owned	12	\$93.24
Billings, MT	NorthWestern Energy (formerly Montana Power)	Investor Owned	15	\$93.69
Madison, WI	Madison Gas & Electric Company	Investor Owned	17	\$94.89
Reno, NV	Sierra Pacific Power Company - NV Energy	Investor Owned	16	\$94.79
Colorado Springs, CO	City of Colorado Springs	Municipal	18	\$95.09
Springfield, MO	City Utilities of Springfield	Municipal	19	\$95.18
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	Investor Owned	20	\$98.62
Tacoma, WA	Tacoma Public Utilities	Municipal	21	\$99.27
Newark, NJ	Public Service Electric & Gas Company	Investor Owned	22	\$100.63
Chicago, IL	Commonwealth Edison Company	Investor Owned	23	\$100.70
Anchorage, AK	Chugach Electric Association Incorporated	Cooperative	24	\$101.62
Fargo, ND	Northern States Power Company	Investor Owned	25	\$102.00
Kearney, NE	Nebraska Public Power District	Political Subdivision	26	\$103.77
High Point, NC	High Point Electric Utility Department	Municipal	27	\$103.84
Toledo, OH	Toledo Edison - FirstEnergy Corp.	Investor Owned	28	\$103.98
Sioux Falls, SD	Northern States Power Company	Investor Owned	29	\$104.46
Boise, ID	Idaho Power Company	Investor Owned	30	\$104.65
Austin, TX	Austin Energy	Municipal	31	\$106.42
Bowling Green, KY	Bowling Green Municipal Utilities	Municipal	32	\$107.94
Greensboro, NC	Duke Energy	Investor Owned	33	\$108.96
Myrtle Beach, SC	Santee Cooper	State	34	\$109.58
Omaha, NE	Omaha Public Power District	Political Subdivision	35	\$110.24
Tallahassee, FL	City of Tallahassee Electric Utility	Municipal	36	\$110.74
Kansas City, MO	Eergy (Kansas City Power & Light Co.)	Investor Owned	37	\$111.05
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	Investor Owned	38	\$111.11
Portland, OR	Portland General Electric Company	Investor Owned	39	\$113.55
Sacramento, CA	Sacramento Municipal Util Dist	Political Subdivision	40	\$115.75
Kansas City, KS	Kansas City Board of Public Utilities	Municipal	41	\$118.33
Dayton, OH	AES Ohio (formerly DP&L)	Investor Owned	42	\$119.31
Riverside, CA	Riverside Electric Utility	Municipal	43	\$120.11
Wilmington, DE	Delmarva Power	Investor Owned	44	\$122.70
Baltimore, MD	Baltimore Gas & Electric Company	Investor Owned	45	\$122.91
Indianapolis, IN	Indianapolis Power & Light Company	Investor Owned	46	\$125.11
Wichita, KS	Eergy (Formerly Westar Energy Inc)	Investor Owned	47	\$126.37
Greenville, SC	Duke Energy	Investor Owned	48	\$127.03
Bridgeport, CT	United Illuminating Company	Investor Owned	49	\$130.52
Little Rock, AR	Entergy Arkansas, Inc.	Investor Owned	50	\$130.89
Portland, ME	Central Maine Power Co	Investor Owned	51	\$132.62
Pawtucket, RI	Narragansett Electric Company	Investor Owned	52	\$135.39
Las Vegas, NV	Nevada Power Company - NV Energy	Investor Owned	53	\$136.82
Gainesville, FL	Gainesville Regional Utilities	Municipal	54	\$137.98



Table 25: Average Monthly Residential Bill - Cities

City/State	Utility	Utility Type	Rank	Average Monthly Bill
Springfield, MA	Eversource (Formerly Western Massachusetts Electric)	Investor Owned	55	\$138.22
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	Investor Owned	55	\$138.22
Boston, MA	Eversource (Formerly Boston Edison Company)	Investor Owned	55	\$138.22
Tulsa, OK	Public Service Company of Oklahoma	Investor Owned	58	\$138.37
Orlando, FL	Orlando Utilities Commission	Municipal	59	\$138.55
Turlock, CA	Turlock Irrigation District	Political Subdivision	60	\$138.71
San Antonio, TX	CPS Energy	Municipal	61	\$139.49
College Station, TX	College Station Utilities	Municipal	62	\$141.20
Lexington, KY	Kentucky Utilities Company	Investor Owned	63	\$141.28
Jackson, MS	Entergy Mississippi, Inc.	Investor Owned	64	\$141.51
Richmond, VA	Dominion Virginia Power	Investor Owned	65	\$141.76
Phoenix, AZ	Salt River Project	Political Subdivision	66	\$142.37
Nashville, TN	Nashville Electric Service	Municipal	67	\$142.39
Lafayette, LA	Lafayette Utilities System	Municipal	68	\$144.83
Oklahoma City, OK	Oklahoma Gas & Electric Company	Investor Owned	69	\$145.57
Lakeland, FL	Lakeland Electric Utility	Municipal	70	\$146.66
Lima, OH	AEP Ohio (Ohio Power Company)	Investor Owned	71	\$147.47
Huntsville, AL	City of Huntsville	Municipal	72	\$150.58
Jacksonville, FL	JEA	Municipal	73	\$151.07
Evansville, IN	Southern Indiana Gas & Electric Company	Investor Owned	74	\$153.22
Savannah, GA	Georgia Power	Investor Owned	75	\$155.46
Baton Rouge, LA	Entergy Louisiana, LLC	Investor Owned	76	\$155.84
Allentown, PA	PPL Electric Utilities	Investor Owned	77	\$156.52
Manchester, NH	Public Service Company of New Hampshire	Investor Owned	78	\$159.90
Laredo, TX	Reliant Energy	Retail Power Marketer	79	\$172.88
Waco, TX	Reliant Energy	Retail Power Marketer	79	\$172.88
Charleston, WV	AEP (Appalachian Power Rate Area)	Investor Owned	81	\$177.95
Auburn, AL	Alabama Power	Investor Owned	82	\$180.88
Imperial, CA	Imperial Irrigation District - Energy	Political Subdivision	83	\$182.17
Midland, TX	TXU Energy	Retail Power Marketer	84	\$188.18
Odessa, TX	TXU Energy	Retail Power Marketer	84	\$188.18
Farmingdale, NY	Long Island Power Authority	State	86	\$192.22
Honolulu, HI	Hawaiian Electric Company	Investor Owned	87	\$208.49

Note: The average monthly bill was calculated by multiplying the average price of electricity by the utilities' monthly average kWh. Anchorage Municipal Light and Power that used to service Anchorage, AK was absorbed by Chugach Electric Association Incorporated.

Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers and United States Census Bureau American Community Survey 5-Year Estimates (2017-2021)



Table 26: Average Residential Cost per Day - Cities				
City/State	Utility	Utility Type	Rank	Average Cost Per Day
Burlington, VT	City of Burlington Electric	Municipal	1	\$2.38
Seattle, WA	Seattle City Light	Municipal	2	\$2.51
Fort Collins, CO	Platte River Power Authority	Municipal	3	\$2.54
Anaheim, CA	Anaheim Public Utilities	Municipal	4	\$2.64
Washington, DC	Potomac Electric Power Company	Investor Owned	5	\$2.68
Albuquerque, NM	Public Service Company of New Mexico	Investor Owned	6	\$2.74
Lincoln, NE	Lincoln Electric System	Municipal	7	\$2.75
Salt Lake City, UT	PacifiCorp	Investor Owned	8	\$2.80
Denver, CO	Xcel Energy (Public Service Company of Colorado)	Investor Owned	9	\$2.87
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	Investor Owned	10	\$2.88
Lansing, MI	Lansing Board of Water & Light	Municipal	11	\$2.91
Des Moines, IA	MidAmerican Energy	Investor Owned	12	\$3.07
Sioux City, IA	MidAmerican Energy	Investor Owned	12	\$3.07
Council Bluffs, IA	MidAmerican Energy	Investor Owned	12	\$3.07
Billings, MT	NorthWestern Energy (formerly Montana Power)	Investor Owned	15	\$3.08
Madison, WI	Madison Gas & Electric Company	Investor Owned	16	\$3.12
Reno, NV	Sierra Pacific Power Company - NV Energy	Investor Owned	16	\$3.12
Springfield, MO	City Utilities of Springfield	Municipal	18	\$3.13
Colorado Springs, CO	City of Colorado Springs	Municipal	18	\$3.13
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	Investor Owned	20	\$3.24
Tacoma, WA	Tacoma Public Utilities	Municipal	21	\$3.26
Chicago, IL	Commonwealth Edison Company	Investor Owned	22	\$3.31
Newark, NJ	Public Service Electric & Gas Company	Investor Owned	22	\$3.31
Anchorage, AK	Chugach Electric Association Incorporated	Cooperative	24	\$3.34
Fargo, ND	Northern States Power Company	Investor Owned	25	\$3.35
Kearney, NE	Nebraska Public Power District	Political Subdivision	26	\$3.41
High Point, NC	High Point Electric Utility Department	Municipal	26	\$3.41
Toledo, OH	Toledo Edison - FirstEnergy Corp.	Investor Owned	28	\$3.42
Sioux Falls, SD	Northern States Power Company	Investor Owned	29	\$3.43
Boise, ID	Idaho Power Company	Investor Owned	30	\$3.44
Austin, TX	Austin Energy	Municipal	31	\$3.50
Bowling Green, KY	Bowling Green Municipal Utilities	Municipal	32	\$3.55
Greensboro, NC	Duke Energy	Investor Owned	33	\$3.58
Myrtle Beach, SC	Santee Cooper	State	34	\$3.60
Omaha, NE	Omaha Public Power District	Political Subdivision	35	\$3.62
Tallahassee, FL	City of Tallahassee Electric Utility	Municipal	36	\$3.64
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	Investor Owned	37	\$3.65
Kansas City, MO	Eversource (Kansas City Power & Light Co.)	Investor Owned	37	\$3.65
Portland, OR	Portland General Electric Company	Investor Owned	39	\$3.73
Sacramento, CA	Sacramento Municipal Util Dist	Political Subdivision	40	\$3.81
Kansas City, KS	Kansas City Board of Public Utilities	Municipal	41	\$3.89
Dayton, OH	AES Ohio (formerly DP&L)	Investor Owned	42	\$3.92
Riverside, CA	Riverside Electric Utility	Municipal	43	\$3.95
Wilmington, DE	Delmarva Power	Investor Owned	44	\$4.03
Baltimore, MD	Baltimore Gas & Electric Company	Investor Owned	45	\$4.04
Indianapolis, IN	Indianapolis Power & Light Company	Investor Owned	46	\$4.11
Wichita, KS	Eversource (Formerly Westar Energy Inc)	Investor Owned	47	\$4.15
Greenville, SC	Duke Energy	Investor Owned	48	\$4.18
Bridgeport, CT	United Illuminating Company	Investor Owned	49	\$4.29
Little Rock, AR	Entergy Arkansas, Inc.	Investor Owned	50	\$4.30
Portland, ME	Central Maine Power Co	Investor Owned	51	\$4.36
Pawtucket, RI	Narragansett Electric Company	Investor Owned	52	\$4.45
Las Vegas, NV	Nevada Power Company - NV Energy	Investor Owned	53	\$4.50
Springfield, MA	Eversource (Formerly Western Massachusetts Electric)	Investor Owned	54	\$4.54



Table 26: Average Residential Cost per Day - Cities

City/State	Utility	Utility Type	Rank	Average Cost Per Day
Gainesville, FL	Gainesville Regional Utilities	Municipal	54	\$4.54
Boston, MA	Eversource (Formerly Boston Edison Company)	Investor Owned	54	\$4.54
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	Investor Owned	54	\$4.54
Tulsa, OK	Public Service Company of Oklahoma	Investor Owned	58	\$4.55
Orlando, FL	Orlando Utilities Commission	Municipal	59	\$4.56
Turlock, CA	Turlock Irrigation District	Political Subdivision	59	\$4.56
San Antonio, TX	CPS Energy	Municipal	61	\$4.59
College Station, TX	College Station Utilities	Municipal	62	\$4.64
Lexington, KY	Kentucky Utilities Company	Investor Owned	62	\$4.64
Jackson, MS	Entergy Mississippi, Inc.	Investor Owned	64	\$4.65
Richmond, VA	Dominion Virginia Power	Investor Owned	65	\$4.66
Nashville, TN	Nashville Electric Service	Municipal	66	\$4.68
Phoenix, AZ	Salt River Project	Political Subdivision	66	\$4.68
Lafayette, LA	Lafayette Utilities System	Municipal	68	\$4.76
Oklahoma City, OK	Oklahoma Gas & Electric Company	Investor Owned	69	\$4.79
Lakeland, FL	Lakeland Electric Utility	Municipal	70	\$4.82
Lima, OH	AEP Ohio (Ohio Power Company)	Investor Owned	71	\$4.85
Huntsville, AL	City of Huntsville	Municipal	72	\$4.95
Jacksonville, FL	JEA	Municipal	73	\$4.97
Evansville, IN	Southern Indiana Gas & Electric Company	Investor Owned	74	\$5.04
Savannah, GA	Georgia Power	Investor Owned	75	\$5.11
Baton Rouge, LA	Entergy Louisiana, LLC	Investor Owned	76	\$5.12
Allentown, PA	PPL Electric Utilities	Investor Owned	77	\$5.15
Manchester, NH	Public Service Company of New Hampshire	Investor Owned	78	\$5.26
Laredo, TX	Reliant Energy	Retail Power Marketer	79	\$5.68
Waco, TX	Reliant Energy	Retail Power Marketer	79	\$5.68
Charleston, WV	AEP (Appalachian Power Rate Area)	Investor Owned	81	\$5.85
Auburn, AL	Alabama Power	Investor Owned	82	\$5.95
Imperial, CA	Imperial Irrigation District - Energy	Political Subdivision	83	\$5.99
Midland, TX	TXU Energy	Retail Power Marketer	84	\$6.19
Odessa, TX	TXU Energy	Retail Power Marketer	84	\$6.19
Farmingdale, NY	Long Island Power Authority	State	86	\$6.32
Honolulu, HI	Hawaiian Electric Company	Investor Owned	87	\$6.85

Note: The average cost per day was calculated by dividing the average annual bill by number of days in the year. Anchorage Municipal Light and Power that used to service Anchorage, AK was absorbed by Chugach Electric Association Incorporated.

Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers and United States Census Bureau American Community Survey 5-Year Estimates (2017-2021)



Table 27: Residential Electric Bill Percent of Household Income - Cities

City/State	Utility Name	Utility Type	Rank	% of Household Income
Seattle, WA	Seattle City Light	Municipal	1	0.87%
Washington, DC	Potomac Electric Power Company	Investor Owned	2	1.04%
Anaheim, CA	Anaheim Public Utilities	Municipal	3	1.18%
Fort Collins, CO	Platte River Power Authority	Municipal	4	1.27%
Denver, CO	Xcel Energy (Public Service Company of Colorado)	Investor Owned	5	1.34%
Anchorage, AK	Chugach Electric Association Incorporated	Cooperative	6	1.37%
Burlington, VT	City of Burlington Electric	Municipal	7	1.46%
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	Investor Owned	8	1.47%
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	Investor Owned	9	1.49%
Salt Lake City, UT	PacifiCorp	Investor Owned	10	1.55%
Colorado Springs, CO	City of Colorado Springs	Municipal	11	1.59%
Lincoln, NE	Lincoln Electric System	Municipal	12	1.61%
Madison, WI	Madison Gas & Electric Company	Investor Owned	13	1.62%
Austin, TX	Austin Energy	Municipal	13	1.62%
Reno, NV	Sierra Pacific Power Company - NV Energy	Investor Owned	15	1.68%
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	Investor Owned	16	1.69%
Tacoma, WA	Tacoma Public Utilities	Municipal	17	1.70%
Portland, OR	Portland General Electric Company	Investor Owned	18	1.74%
Billings, MT	NorthWestern Energy (formerly Montana Power)	Investor Owned	19	1.77%
Albuquerque, NM	Public Service Company of New Mexico	Investor Owned	20	1.78%
Boise, ID	Idaho Power Company	Investor Owned	21	1.84%
Chicago, IL	Commonwealth Edison Company	Investor Owned	21	1.84%
Sioux Falls, SD	Northern States Power Company	Investor Owned	23	1.88%
Riverside, CA	Riverside Electric Utility	Municipal	23	1.88%
Council Bluffs, IA	MidAmerican Energy	Investor Owned	23	1.88%
Des Moines, IA	MidAmerican Energy	Investor Owned	26	1.91%
Sioux City, IA	MidAmerican Energy	Investor Owned	27	1.94%
Sacramento, CA	Sacramento Municipal Util Dist	Political Subdivision	28	1.95%
Farmingdale, NY	Long Island Power Authority	State	29	1.99%
Kearney, NE	Nebraska Public Power District	Political Subdivision	29	1.99%
Omaha, NE	Omaha Public Power District	Political Subdivision	31	2.02%
Fargo, ND	Northern States Power Company	Investor Owned	32	2.03%
Boston, MA	Eversource (Formerly Boston Edison Company)	Investor Owned	32	2.03%
Kansas City, MO	Evergy (Kansas City Power & Light Co.)	Investor Owned	34	2.22%
Lansing, MI	Lansing Board of Water & Light	Municipal	35	2.28%
High Point, NC	High Point Electric Utility Department	Municipal	36	2.29%
Portland, ME	Central Maine Power Co	Investor Owned	37	2.41%
Turlock, CA	Turlock Irrigation District	Political Subdivision	38	2.50%
Greenville, SC	Duke Energy	Investor Owned	39	2.52%
Greensboro, NC	Duke Energy	Investor Owned	40	2.53%
Midland, TX	TXU Energy	Retail Power Marketer	41	2.57%
Nashville, TN	Nashville Electric Service	Municipal	42	2.61%
Phoenix, AZ	Salt River Project	Political Subdivision	43	2.63%
Imperial, CA	Imperial Irrigation District - Energy	Political Subdivision	44	2.68%
Las Vegas, NV	Nevada Power Company - NV Energy	Investor Owned	44	2.68%
Wichita, KS	Evergy (Formerly Westar Energy Inc)	Investor Owned	46	2.69%
Tallahassee, FL	City of Tallahassee Electric Utility	Municipal	47	2.71%
Baltimore, MD	Baltimore Gas & Electric Company	Investor Owned	48	2.73%
Indianapolis, IN	Indianapolis Power & Light Company	Investor Owned	49	2.76%
Little Rock, AR	Entergy Arkansas, Inc.	Investor Owned	49	2.76%
Lexington, KY	Kentucky Utilities Company	Investor Owned	49	2.76%
Kansas City, KS	Kansas City Board of Public Utilities	Municipal	52	2.80%
Orlando, FL	Orlando Utilities Commission	Municipal	53	2.82%
Springfield, MO	City Utilities of Springfield	Municipal	54	2.86%



Table 27: Residential Electric Bill Percent of Household Income - Cities

City/State	Utility Name	Utility Type	Rank	% of Household Income
Manchester, NH	Public Service Company of New Hampshire	Investor Owned	55	2.87%
Pawtucket, RI	Narragansett Electric Company	Investor Owned	56	2.88%
Myrtle Beach, SC	Santee Cooper	State	56	2.88%
Newark, NJ	Public Service Electric & Gas Company	Investor Owned	58	2.92%
Oklahoma City, OK	Oklahoma Gas & Electric Company	Investor Owned	59	2.93%
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	Investor Owned	60	2.94%
Huntsville, AL	City of Huntsville	Municipal	61	2.96%
Bowling Green, KY	Bowling Green Municipal Utilities	Municipal	62	2.97%
Wilmington, DE	Delmarva Power	Investor Owned	63	2.98%
Toledo, OH	Toledo Edison - FirstEnergy Corp.	Investor Owned	64	2.99%
San Antonio, TX	CPS Energy	Municipal	65	3.04%
Richmond, VA	Dominion Virginia Power	Investor Owned	66	3.10%
Bridgeport, CT	United Illuminating Company	Investor Owned	66	3.10%
Jacksonville, FL	JEA	Municipal	68	3.11%
Lafayette, LA	Lafayette Utilities System	Municipal	69	3.14%
Tulsa, OK	Public Service Company of Oklahoma	Investor Owned	70	3.17%
Honolulu, HI	Hawaiian Electric Company	Investor Owned	71	3.27%
Lakeland, FL	Lakeland Electric Utility	Municipal	72	3.32%
Odessa, TX	TXU Energy	Retail Power Marketer	73	3.38%
College Station, TX	College Station Utilities	Municipal	73	3.38%
Laredo, TX	Reliant Energy	Retail Power Marketer	75	3.73%
Savannah, GA	Georgia Power	Investor Owned	76	3.74%
Dayton, OH	AES Ohio (formerly DP&L)	Investor Owned	77	3.81%
Springfield, MA	Eversource (Formerly Western Massachusetts Electric)	Investor Owned	78	3.83%
Allentown, PA	PPL Electric Utilities	Investor Owned	79	3.94%
Charleston, WV	AEP (Appalachian Power Rate Area)	Investor Owned	80	3.95%
Auburn, AL	Alabama Power	Investor Owned	81	3.97%
Evansville, IN	Southern Indiana Gas & Electric Company	Investor Owned	82	4.03%
Baton Rouge, LA	Entergy Louisiana, LLC	Investor Owned	83	4.04%
Gainesville, FL	Gainesville Regional Utilities	Municipal	83	4.04%
Jackson, MS	Entergy Mississippi, Inc.	Investor Owned	85	4.25%
Lima, OH	AEP Ohio (Ohio Power Company)	Investor Owned	86	4.70%
Waco, TX	Reliant Energy	Retail Power Marketer	87	4.86%

Note: Anchorage Municipal Light and Power that used to service Anchorage, AK was absorbed by Chugach Electric Association Incorporated.

Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers and United States Census Bureau American Community Survey 5-Year Estimates (2017-2021)



Table 28: Average Monthly Residential Bill Rank Changes- Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	Average Bill	Average Bill PY	Bill Percent Change
Burlington, VT	City of Burlington Electric	1	1	0	72.43	69.32	4.5%
Seattle, WA	Seattle City Light	2	2	0	76.48	74.34	2.9%
Fort Collins, CO	Platte River Power Authority	3	3	0	77.29	76.99	0.4%
Anaheim, CA	Anaheim Public Utilities	4	6	2	80.38	79.67	0.9%
Washington, DC	Potomac Electric Power Company	5	4	-1	81.41	77.93	4.5%
Albuquerque, NM	Public Service Company of New Mexico	6	12	6	83.44	84.01	-0.7%
Lincoln, NE	Lincoln Electric System	7	10	3	83.73	82.99	0.9%
Salt Lake City, UT	PacifiCorp	8	8	0	85.28	80.97	5.3%
Denver, CO	Xcel Energy (Public Service Company of Colorado)	9	5	-4	87.24	78.92	10.5%
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	10	22	12	87.65	92.24	-5.0%
Lansing, MI	Lansing Board of Water & Light	11	24	13	88.39	96.22	-8.1%
Council Bluffs, IA	MidAmerican Energy	12	16	4	93.24	88.09	5.8%
Des Moines, IA	MidAmerican Energy	12	16	4	93.24	88.09	5.8%
Sioux City, IA	MidAmerican Energy	12	16	4	93.24	88.09	5.8%
Billings, MT	NorthWestern Energy (formerly Montana Power)	15	19	4	93.69	88.50	5.9%
Madison, WI	Madison Gas & Electric Company	17	20	3	94.89	89.30	6.3%
Reno, NV	Sierra Pacific Power Company - NV Energy	16	7	-9	94.79	79.72	18.9%
Colorado Springs, CO	City of Colorado Springs	18	15	-3	95.09	87.88	8.2%
Springfield, MO	City Utilities of Springfield	19	13	-6	95.18	86.16	10.5%
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	20	21	1	98.62	90.72	8.7%
Tacoma, WA	Tacoma Public Utilities	21	26	5	99.27	97.40	1.9%
Newark, NJ	Public Service Electric & Gas Company	22	30	8	100.63	100.70	-0.1%
Chicago, IL	Commonwealth Edison Company	23	9	-14	100.70	82.58	21.9%
Anchorage, AK	Chugach Electric Association Incorporated	24	40	16	101.62	109.11	-6.9%
Fargo, ND	Northern States Power Company	25	23	-2	102.00	92.50	10.3%
Kearney, NE	Nebraska Public Power District	26	29	3	103.77	99.54	4.2%
High Point, NC	High Point Electric Utility Department	27	47	20	103.84	112.25	-7.5%
Toledo, OH	Toledo Edison - FirstEnergy Corp.	28	32	4	103.98	102.77	1.2%
Sioux Falls, SD	Northern States Power Company	29	31	2	104.46	101.29	3.1%
Boise, ID	Idaho Power Company	30	25	-5	104.65	97.33	7.5%
Austin, TX	Austin Energy	31	11	-20	106.42	83.46	27.5%
Bowling Green, KY	Bowling Green Municipal Utilities	32	27	-5	107.94	97.98	10.2%
Greensboro, NC	Duke Energy	33	36	3	108.96	104.34	4.4%
Myrtle Beach, SC	Santee Cooper	34	49	15	109.58	113.19	-3.2%
Omaha, NE	Omaha Public Power District	35	37	2	110.24	104.99	5.0%
Tallahassee, FL	City of Tallahassee Electric Utility	36	34	-2	110.74	103.67	6.8%
Kansas City, MO	Evergy (Kansas City Power & Light Co.)	37	45	8	111.05	111.07	0.0%
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	38	38	0	111.11	105.84	5.0%
Portland, OR	Portland General Electric Company	39	43	4	113.55	109.99	3.2%
Sacramento, CA	Sacramento Municipal Util Dist	40	48	8	115.75	112.42	3.0%
Kansas City, KS	Kansas City Board of Public Utilities	41	35	-6	118.33	103.87	13.9%
Dayton, OH	AES Ohio (formerly DP&L)	42	14	-28	119.31	86.85	37.4%
Riverside, CA	Riverside Electric Utility	43	42	-1	120.11	109.89	9.3%
Wilmington, DE	Delmarva Power	44	50	6	122.70	113.83	7.8%
Baltimore, MD	Baltimore Gas & Electric Company	45	44	-1	122.91	110.42	11.3%
Indianapolis, IN	Indianapolis Power & Light Company	46	41	-5	125.11	109.59	14.2%
Wichita, KS	Evergy (Formerly Westar Energy Inc)	47	39	-8	126.37	107.25	17.8%
Greenville, SC	Duke Energy	48	55	7	127.03	118.06	7.6%
Bridgeport, CT	United Illuminating Company	49	77	28	130.52	140.92	-7.4%
Little Rock, AR	Entergy Arkansas, Inc.	50	59	9	130.89	121.50	7.7%



Table 28: Average Monthly Residential Bill Rank Changes- Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	Average Bill	Average Bill PY	Bill Percent Change
Portland, ME	Central Maine Power Co	51	28	-23	132.62	98.37	34.8%
Pawtucket, RI	Narragansett Electric Company	52	70	18	135.39	129.48	4.6%
Las Vegas, NV	Nevada Power Company - NV Energy	53	52	-1	136.82	115.73	18.2%
Gainesville, FL	Gainesville Regional Utilities	54	33	-21	137.98	103.25	33.6%
Springfield, MA	Eversource (Formerly Western Massachusetts Electric)	55	71	16	138.22	129.51	6.7%
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	55	71	16	138.22	129.51	6.7%
Boston, MA	Eversource (Formerly Boston Edison Company)	55	71	16	138.22	129.51	6.7%
Tulsa, OK	Public Service Company of Oklahoma	58	46	-12	138.37	111.27	24.4%
Orlando, FL	Orlando Utilities Commission	59	61	2	138.55	124.31	11.5%
Turlock, CA	Turlock Irrigation District	60	76	16	138.71	140.47	-1.3%
San Antonio, TX	CPS Energy	61	54	-7	139.49	116.95	19.3%
College Station, TX	College Station Utilities	62	66	4	141.20	127.62	10.6%
Lexington, KY	Kentucky Utilities Company	63	62	-1	141.28	124.92	13.1%
Jackson, MS	Entergy Mississippi, Inc.	64	63	-1	141.51	125.66	12.6%
Richmond, VA	Dominion Virginia Power	65	69	4	141.76	129.46	9.5%
Phoenix, AZ	Salt River Project	66	75	9	142.37	135.64	5.0%
Nashville, TN	Nashville Electric Service	67	67	0	142.39	128.39	10.9%
Lafayette, LA	Lafayette Utilities System	68	53	-15	144.83	116.75	24.1%
Oklahoma City, OK	Oklahoma Gas & Electric Company	69	51	-18	145.57	115.01	26.6%
Lakeland, FL	Lakeland Electric Utility	70	64	-6	146.66	126.99	15.5%
Lima, OH	AEP Ohio (Ohio Power Company)	71	56	-15	147.47	120.74	22.1%
Huntsville, AL	City of Huntsville	72	65	-7	150.58	127.37	18.2%
Jacksonville, FL	JEA	73	57	-16	151.07	121.32	24.5%
Evansville, IN	Southern Indiana Gas & Electric Company	74	80	6	153.22	146.98	4.2%
Savannah, GA	Georgia Power	75	74	-1	155.46	132.60	17.2%
Baton Rouge, LA	Entergy Louisiana, LLC	76	68	-8	155.84	129.38	20.5%
Allentown, PA	PPL Electric Utilities	77	60	-17	156.52	123.38	26.9%
Manchester, NH	Public Service Company of New Hampshire	78	58	-20	159.90	121.38	31.7%
Laredo, TX	Reliant Energy	79	78	-1	172.88	145.39	18.9%
Waco, TX	Reliant Energy	79	78	-1	172.88	145.39	18.9%
Charleston, WV	AEP (Appalachian Power Rate Area)	81	82	1	177.95	160.75	10.7%
Auburn, AL	Alabama Power	82	81	-1	180.88	157.04	15.2%
Imperial, CA	Imperial Irrigation District - Energy	83	86	3	182.17	166.53	9.4%
Midland, TX	TXU Energy	84	83	-1	188.18	161.49	16.5%
Odessa, TX	TXU Energy	84	83	-1	188.18	161.49	16.5%
Farmingdale, NY	Long Island Power Authority	86	87	1	192.22	171.20	12.3%
Honolulu, HI	Hawaiian Electric Company	87	85	-2	208.49	162.69	28.2%

Note: The average monthly bill was calculated by multiplying the average price of electricity by the utilities' monthly average kWh. Anchorage Municipal Light and Power that used to service Anchorage, AK was absorbed by Chugach Electric Association Incorporated.

Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Table 29: Average Residential Cost per Day Rank Changes - Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	Average Price	Average Price PY	Price Percent Change
Burlington, VT	City of Burlington Electric	1	1	0	2.38	2.28	4.5%
Seattle, WA	Seattle City Light	2	2	0	2.51	2.44	2.9%
Fort Collins, CO	Platte River Power Authority	3	3	0	2.54	2.53	0.4%
Anaheim, CA	Anaheim Public Utilities	4	6	2	2.64	2.62	0.9%
Washington, DC	Potomac Electric Power Company	5	4	-1	2.68	2.56	4.5%
Lincoln, NE	Lincoln Electric System	7	10	3	2.75	2.73	0.9%
Albuquerque, NM	Public Service Company of New Mexico	6	12	6	2.74	2.76	-0.7%
Salt Lake City, UT	PacifiCorp	8	8	0	2.80	2.66	5.3%
Denver, CO	Xcel Energy (Public Service Company of Colorado)	9	5	-4	2.87	2.59	10.5%
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	10	22	12	2.88	3.03	-5.0%
Lansing, MI	Lansing Board of Water & Light	11	24	13	2.91	3.16	-8.1%
Council Bluffs, IA	MidAmerican Energy	12	16	4	3.07	2.90	5.8%
Des Moines, IA	MidAmerican Energy	12	16	4	3.07	2.90	5.8%
Sioux City, IA	MidAmerican Energy	12	16	4	3.07	2.90	5.8%
Billings, MT	NorthWestern Energy (formerly Montana Power)	15	19	4	3.08	2.91	5.9%
Reno, NV	Sierra Pacific Power Company - NV Energy	16	6	-10	3.12	2.62	18.9%
Springfield, MO	City Utilities of Springfield	18	13	-5	3.13	2.83	10.5%
Madison, WI	Madison Gas & Electric Company	16	20	4	3.12	2.94	6.3%
Colorado Springs, CO	City of Colorado Springs	18	15	-3	3.13	2.89	8.2%
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	20	21	1	3.24	2.98	8.7%
Tacoma, WA	Tacoma Public Utilities	21	25	4	3.26	3.20	1.9%
Chicago, IL	Commonwealth Edison Company	22	9	-13	3.31	2.71	21.9%
Newark, NJ	Public Service Electric & Gas Company	22	30	8	3.31	3.31	-0.1%
Anchorage, AK	Chugach Electric Association Incorporated	24	40	16	3.34	3.59	-6.9%
Fargo, ND	Northern States Power Company	25	23	-2	3.35	3.04	10.3%
Kearney, NE	Nebraska Public Power District	26	29	3	3.41	3.27	4.2%
High Point, NC	High Point Electric Utility Department	26	47	21	3.41	3.69	-7.5%
Toledo, OH	Toledo Edison - FirstEnergy Corp.	28	32	4	3.42	3.38	1.2%
Sioux Falls, SD	Northern States Power Company	29	31	2	3.43	3.33	3.1%
Boise, ID	Idaho Power Company	30	25	-5	3.44	3.20	7.5%
Austin, TX	Austin Energy	31	11	-20	3.50	2.74	27.5%
Bowling Green, KY	Bowling Green Municipal Utilities	32	27	-5	3.55	3.22	10.2%
Greensboro, NC	Duke Energy	33	36	3	3.58	3.43	4.4%
Myrtle Beach, SC	Santee Cooper	34	49	15	3.60	3.72	-3.2%
Omaha, NE	Omaha Public Power District	35	37	2	3.62	3.45	5.0%
Tallahassee, FL	City of Tallahassee Electric Utility	36	34	-2	3.64	3.41	6.8%
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	37	38	1	3.65	3.48	5.0%
Kansas City, MO	Evergy (Kansas City Power & Light Co.)	37	45	8	3.65	3.65	0.0%
Portland, OR	Portland General Electric Company	39	43	4	3.73	3.62	3.2%
Sacramento, CA	Sacramento Municipal Util Dist	40	48	8	3.81	3.70	3.0%
Kansas City, KS	Kansas City Board of Public Utilities	41	34	-7	3.89	3.41	13.9%
Dayton, OH	AES Ohio (formerly DP&L)	42	14	-28	3.92	2.86	37.4%
Riverside, CA	Riverside Electric Utility	43	42	-1	3.95	3.61	9.3%
Wilmington, DE	Delmarva Power	44	50	6	4.03	3.74	7.8%
Baltimore, MD	Baltimore Gas & Electric Company	45	44	-1	4.04	3.63	11.3%
Indianapolis, IN	Indianapolis Power & Light Company	46	41	-5	4.11	3.60	14.2%
Wichita, KS	Evergy (Formerly Westar Energy Inc)	47	39	-8	4.15	3.53	17.8%
Greenville, SC	Duke Energy	48	55	7	4.18	3.88	7.6%
Bridgeport, CT	United Illuminating Company	49	77	28	4.29	4.63	-7.4%
Little Rock, AR	Entergy Arkansas, Inc.	50	57	7	4.30	3.99	7.7%



Table 29: Average Residential Cost per Day Rank Changes - Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	Average Price	Average Price PY	Price Percent Change
Portland, ME	Central Maine Power Co	51	28	-23	4.36	3.23	34.8%
Pawtucket, RI	Narragansett Electric Company	52	69	17	4.45	4.26	4.6%
Las Vegas, NV	Nevada Power Company - NV Energy	53	52	-1	4.50	3.80	18.2%
Springfield, MA	Eversource (Formerly Western Massachusetts Electric)	54	69	15	4.54	4.26	6.7%
Gainesville, FL	Gainesville Regional Utilities	54	33	-21	4.54	3.39	33.6%
Boston, MA	Eversource (Formerly Boston Edison Company)	54	69	15	4.54	4.26	6.7%
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	54	69	15	4.54	4.26	6.7%
Tulsa, OK	Public Service Company of Oklahoma	58	46	-12	4.55	3.66	24.4%
Orlando, FL	Orlando Utilities Commission	59	61	2	4.56	4.09	11.5%
Turlock, CA	Turlock Irrigation District	59	76	17	4.56	4.62	-1.3%
San Antonio, TX	CPS Energy	61	53	-8	4.59	3.84	19.3%
College Station, TX	College Station Utilities	62	66	4	4.64	4.20	10.6%
Lexington, KY	Kentucky Utilities Company	62	62	0	4.64	4.11	13.1%
Jackson, MS	Entergy Mississippi, Inc.	64	63	-1	4.65	4.13	12.6%
Richmond, VA	Dominion Virginia Power	65	69	4	4.66	4.26	9.5%
Nashville, TN	Nashville Electric Service	66	67	1	4.68	4.22	10.9%
Phoenix, AZ	Salt River Project	66	75	9	4.68	4.46	5.0%
Lafayette, LA	Lafayette Utilities System	68	53	-15	4.76	3.84	24.1%
Oklahoma City, OK	Oklahoma Gas & Electric Company	69	51	-18	4.79	3.78	26.6%
Lakeland, FL	Lakeland Electric Utility	70	64	-6	4.82	4.18	15.5%
Lima, OH	AEP Ohio (Ohio Power Company)	71	56	-15	4.85	3.97	22.1%
Huntsville, AL	City of Huntsville	72	65	-7	4.95	4.19	18.2%
Jacksonville, FL	JEA	73	57	-16	4.97	3.99	24.5%
Evansville, IN	Southern Indiana Gas & Electric Company	74	80	6	5.04	4.83	4.2%
Savannah, GA	Georgia Power	75	74	-1	5.11	4.36	17.2%
Baton Rouge, LA	Entergy Louisiana, LLC	76	68	-8	5.12	4.25	20.5%
Allentown, PA	PPL Electric Utilities	77	60	-17	5.15	4.06	26.9%
Manchester, NH	Public Service Company of New Hampshire	78	57	-21	5.26	3.99	31.7%
Laredo, TX	Reliant Energy	79	78	-1	5.68	4.78	18.9%
Waco, TX	Reliant Energy	79	78	-1	5.68	4.78	18.9%
Charleston, WV	AEP (Appalachian Power Rate Area)	81	82	1	5.85	5.28	10.7%
Auburn, AL	Alabama Power	82	81	-1	5.95	5.16	15.2%
Imperial, CA	Imperial Irrigation District - Energy	83	86	3	5.99	5.47	9.4%
Midland, TX	TXU Energy	84	83	-1	6.19	5.31	16.5%
Odessa, TX	TXU Energy	84	83	-1	6.19	5.31	16.5%
Farmingdale, NY	Long Island Power Authority	86	87	1	6.32	5.63	12.3%
Honolulu, HI	Hawaiian Electric Company	87	85	-2	6.85	5.35	28.2%

Note: The average cost per day was calculated by dividing the average annual bill by number of days in the year. Anchorage Municipal Light and Power that used to service Anchorage, AK was absorbed by Chugach Electric Association Incorporated.

Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers



Table 30: Residential Electric Bill Percent of Household Income Rank Changes - Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	% of Household Income	% of Household Income PY	Percentage Points Change
Seattle, WA	Seattle City Light	1	1	0	0.87%	0.92%	-5.4%
Washington, DC	Potomac Electric Power Company	2	2	0	1.04%	1.03%	1.0%
Anaheim, CA	Anaheim Public Utilities	3	3	0	1.18%	1.25%	-5.6%
Fort Collins, CO	Platte River Power Authority	4	5	1	1.27%	1.31%	-3.1%
Denver, CO	Xcel Energy (Public Service Company of Colorado)	5	4	-1	1.34%	1.30%	3.1%
Anchorage, AK	Chugach Electric Association Incorporated	6	9	3	1.37%	1.54%	-11.0%
Burlington, VT	City of Burlington Electric	7	8	1	1.46%	1.50%	-2.7%
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	8	7	-1	1.47%	1.45%	1.4%
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	9	15	6	1.49%	1.61%	-7.5%
Salt Lake City, UT	PacifiCorp	10	9	-1	1.55%	1.54%	0.6%
Colorado Springs, CO	City of Colorado Springs	11	12	1	1.59%	1.56%	1.9%
Lincoln, NE	Lincoln Electric System	12	17	5	1.61%	1.66%	-3.0%
Madison, WI	Madison Gas & Electric Company	13	13	0	1.62%	1.59%	1.9%
Austin, TX	Austin Energy	13	6	-7	1.62%	1.32%	22.7%
Reno, NV	Sierra Pacific Power Company - NV Energy	15	11	-4	1.68%	1.55%	8.4%
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	16	16	0	1.69%	1.65%	2.4%
Tacoma, WA	Tacoma Public Utilities	17	20	3	1.70%	1.81%	-6.1%
Portland, OR	Portland General Electric Company	18	19	1	1.74%	1.80%	-3.3%
Billings, MT	NorthWestern Energy (formerly Montana Power)	19	18	-1	1.77%	1.77%	0.0%
Albuquerque, NM	Public Service Company of New Mexico	20	24	4	1.78%	1.87%	-4.8%
Boise, ID	Idaho Power Company	21	22	1	1.84%	1.83%	0.5%
Chicago, IL	Commonwealth Edison Company	21	14	-7	1.84%	1.60%	15.0%
Sioux Falls, SD	Northern States Power Company	23	28	5	1.88%	1.97%	-4.6%
Riverside, CA	Riverside Electric Utility	23	20	-3	1.88%	1.81%	3.9%
Sioux City, IA	MidAmerican Energy	23	22	-1	1.88%	1.83%	2.7%
Des Moines, IA	MidAmerican Energy	26	26	0	1.91%	1.93%	-1.0%
Council Bluffs, IA	MidAmerican Energy	27	30	3	1.94%	1.98%	-2.0%
Sacramento, CA	Sacramento Municipal Util Dist	28	34	6	1.95%	2.05%	-4.9%
Farmingdale, NY	Long Island Power Authority	29	31	2	1.99%	2.00%	-0.5%
Kearney, NE	Nebraska Public Power District	29	28	-1	1.99%	1.97%	1.0%
Omaha, NE	Omaha Public Power District	31	32	1	2.02%	2.03%	-0.5%
Fargo, ND	Northern States Power Company	32	26	-6	2.03%	1.93%	5.2%
Boston, MA	Eversource (Formerly Boston Edison Company)	32	33	1	2.03%	2.04%	-0.5%
Kansas City, MO	Eergy (Kansas City Power & Light Co.)	34	37	3	2.22%	2.37%	-6.3%
Lansing, MI	Lansing Board of Water & Light	35	49	14	2.28%	2.61%	-12.6%
High Point, NC	High Point Electric Utility Department	36	59	23	2.29%	2.71%	-15.5%
Portland, ME	Central Maine Power Co	37	25	-12	2.41%	1.91%	26.2%
Turlock, CA	Turlock Irrigation District	38	62	24	2.50%	2.77%	-9.7%
Greenville, SC	Duke Energy	39	40	1	2.52%	2.43%	3.7%
Midland, TX	TXU Energy	41	35	-6	2.57%	2.32%	10.8%
Greensboro, NC	Duke Energy	40	44	4	2.53%	2.53%	0.0%
Nashville, TN	Nashville Electric Service	42	43	1	2.61%	2.48%	5.2%
Phoenix, AZ	Salt River Project	43	52	9	2.63%	2.67%	-1.5%
Imperial, CA	Imperial Irrigation District - Energy	44	40	-4	2.68%	2.43%	10.3%
Wichita, KS	Eergy (Formerly Westar Energy Inc)	46	39	-7	2.69%	2.41%	11.6%
Las Vegas, NV	Nevada Power Company - NV Energy	44	38	-6	2.68%	2.38%	12.6%
Tallahassee, FL	City of Tallahassee Electric Utility	47	53	6	2.71%	2.68%	1.1%
Baltimore, MD	Baltimore Gas & Electric Company	48	45	-3	2.73%	2.54%	7.5%
Indianapolis, IN	Indianapolis Power & Light Company	49	47	-2	2.76%	2.59%	6.6%
Little Rock, AR	Entergy Arkansas, Inc.	49	60	11	2.76%	2.72%	1.5%



Table 30: Residential Electric Bill Percent of Household Income Rank Changes - Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	% of Household Income	% of Household Income PY	Percentage Points Change
Lexington, KY	Kentucky Utilities Company	49	45	-4	2.76%	2.54%	8.7%
Kansas City, KS	Kansas City Board of Public Utilities	52	53	1	2.80%	2.68%	4.5%
Orlando, FL	Orlando Utilities Commission	53	57	4	2.82%	2.70%	4.4%
Springfield, MO	City Utilities of Springfield	54	61	7	2.86%	2.76%	3.6%
Manchester, NH	Public Service Company of New Hampshire	55	36	-19	2.87%	2.35%	22.1%
Pawtucket, RI	Narragansett Electric Company	56	64	8	2.88%	2.94%	-2.0%
Myrtle Beach, SC	Santee Cooper	56	71	15	2.88%	3.13%	-8.0%
Newark, NJ	Public Service Electric & Gas Company	58	73	15	2.92%	3.22%	-9.3%
Oklahoma City, OK	Oklahoma Gas & Electric Company	59	42	-17	2.93%	2.44%	20.1%
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	60	65	5	2.94%	2.95%	-0.3%
Huntsville, AL	City of Huntsville	61	55	-6	2.96%	2.69%	10.0%
Bowling Green, KY	Bowling Green Municipal Utilities	62	63	1	2.97%	2.80%	6.1%
Wilmington, DE	Delmarva Power	63	68	5	2.98%	3.03%	-1.7%
Toledo, OH	Toledo Edison - FirstEnergy Corp.	64	72	8	2.99%	3.15%	-5.1%
San Antonio, TX	CPS Energy	65	51	-14	3.04%	2.63%	15.6%
Richmond, VA	Dominion Virginia Power	66	66	0	3.10%	3.02%	2.6%
Bridgeport, CT	United Illuminating Company	66	80	14	3.10%	3.56%	-12.9%
Jacksonville, FL	JEA	68	50	-18	3.11%	2.62%	18.7%
Lafayette, LA	Lafayette Utilities System	69	47	-22	3.14%	2.59%	21.2%
Tulsa, OK	Public Service Company of Oklahoma	70	57	-13	3.17%	2.70%	17.4%
Honolulu, HI	Hawaiian Electric Company	71	55	-16	3.27%	2.69%	21.6%
Lakeland, FL	Lakeland Electric Utility	72	69	-3	3.32%	3.04%	9.2%
Odessa, TX	TXU Energy	73	69	-4	3.38%	3.04%	11.2%
College Station, TX	College Station Utilities	73	74	1	3.38%	3.23%	4.6%
Laredo, TX	Reliant Energy	75	77	2	3.73%	3.41%	9.4%
Savannah, GA	Georgia Power	76	78	2	3.74%	3.45%	8.4%
Dayton, OH	AES Ohio (formerly DP&L)	77	66	-11	3.81%	3.02%	26.2%
Springfield, MA	Eversource (Formerly Western Massachusetts Electric)	78	81	3	3.83%	3.74%	2.4%
Allentown, PA	PPL Electric Utilities	79	76	-3	3.94%	3.38%	16.6%
Charleston, WV	AEP (Appalachian Power Rate Area)	80	84	4	3.95%	3.88%	1.8%
Auburn, AL	Alabama Power	81	83	2	3.97%	3.84%	3.4%
Evansville, IN	Southern Indiana Gas & Electric Company	82	85	3	4.03%	4.14%	-2.7%
Baton Rouge, LA	Entergy Louisiana, LLC	83	79	-4	4.04%	3.51%	15.1%
Gainesville, FL	Gainesville Regional Utilities	83	75	-8	4.04%	3.26%	23.9%
Jackson, MS	Entergy Mississippi, Inc.	85	82	-3	4.25%	3.76%	13.0%
Lima, OH	AEP Ohio (Ohio Power Company)	86	86	0	4.70%	4.19%	12.2%
Waco, TX	Reliant Energy	87	87	0	4.86%	4.32%	12.5%

Note: Anchorage Municipal Light and Power that used to service Anchorage, AK was absorbed by Chugach Electric Association Incorporated.

Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers; United States Census Bureau American Community Survey 5-Year Estimates (2017-2022)



Table 31: Average Monthly Residential Bill - States			
State	Electric Market	Rank	Average Monthly Bill
Utah	Non Retail Choice	1	\$84.87
New Mexico	Non Retail Choice	2	\$91.21
District of Columbia	Retail Choice	3	\$97.15
Colorado	Non Retail Choice	4	\$98.18
Wyoming	Non Retail Choice	5	\$98.78
Montana	Retail Choice	6	\$102.94
Washington	Non Retail Choice	7	\$103.84
Idaho	Non Retail Choice	8	\$104.23
Wisconsin	Non Retail Choice	9	\$106.94
Oregon	Non Retail Choice	10	\$108.03
Minnesota	Non Retail Choice	11	\$110.19
Nebraska	Non Retail Choice	12	\$112.57
Illinois	Retail Choice	13	\$112.74
Vermont	Non Retail Choice	14	\$113.21
New Jersey	Retail Choice	15	\$114.08
Michigan	Retail Choice	16	\$116.49
Iowa	Non Retail Choice	17	\$116.70
Ohio	Retail Choice	18	\$121.07
North Dakota	Non Retail Choice	19	\$122.20
North Carolina	Non Retail Choice	20	\$124.48
Missouri	Non Retail Choice	21	\$126.46
South Dakota	Non Retail Choice	22	\$127.92
Delaware	Retail Choice	23	\$128.99
Nevada	Non Retail Choice	24	\$129.35
Kansas	Non Retail Choice	25	\$129.80
Maine	Retail Choice	26	\$130.78
New York	Retail Choice	27	\$130.81
Arkansas	Non Retail Choice	28	\$133.78
Alaska	Non Retail Choice	29	\$134.11
Pennsylvania	Retail Choice	30	\$136.17
Rhode Island	Retail Choice	31	\$136.74
Arizona	Non Retail Choice	32	\$138.13
California	Retail Choice	33	\$138.29
Indiana	Non Retail Choice	34	\$138.61
Maryland	Retail Choice	35	\$139.99
Kentucky	Non Retail Choice	36	\$141.23
West Virginia	Non Retail Choice	37	\$142.13
Oklahoma	Non Retail Choice	38	\$143.65
Virginia	Non Retail Choice	39	\$144.96
Tennessee	Non Retail Choice	40	\$145.49
Mississippi	Non Retail Choice	41	\$147.25
South Carolina	Non Retail Choice	42	\$147.87
Massachusetts	Retail Choice	43	\$149.91
Georgia	Non Retail Choice	44	\$151.25
Florida	Non Retail Choice	45	\$154.51
New Hampshire	Retail Choice	46	\$158.67
Louisiana	Non Retail Choice	47	\$159.24
Texas	Retail Choice	48	\$162.17
Alabama	Non Retail Choice	49	\$167.80
Connecticut	Retail Choice	50	\$176.10
Hawaii	Non Retail Choice	51	\$221.53

Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers; United States Census Bureau American Community Survey 5-Year Estimates (2017-2021); APPA Retail Electric Rates in Deregulated and Regulated States, 2021 Update



Table 32: Residential Average Cost per Day - States			
State	Electric Market	Rank	Average Cost Per Day
Utah	Non Retail Choice	1	\$2.79
New Mexico	Non Retail Choice	2	\$3.00
District of Columbia	Retail Choice	3	\$3.19
Colorado	Non Retail Choice	4	\$3.23
Wyoming	Non Retail Choice	5	\$3.25
Montana	Retail Choice	6	\$3.38
Washington	Non Retail Choice	7	\$3.41
Idaho	Non Retail Choice	8	\$3.43
Wisconsin	Non Retail Choice	9	\$3.52
Oregon	Non Retail Choice	10	\$3.55
Minnesota	Non Retail Choice	11	\$3.62
Nebraska	Non Retail Choice	12	\$3.70
Illinois	Retail Choice	13	\$3.71
Vermont	Non Retail Choice	14	\$3.72
New Jersey	Retail Choice	15	\$3.75
Michigan	Retail Choice	16	\$3.83
Iowa	Non Retail Choice	17	\$3.84
Ohio	Retail Choice	18	\$3.98
North Dakota	Non Retail Choice	19	\$4.02
North Carolina	Non Retail Choice	20	\$4.09
Missouri	Non Retail Choice	21	\$4.16
South Dakota	Non Retail Choice	22	\$4.21
Delaware	Retail Choice	23	\$4.24
Nevada	Non Retail Choice	24	\$4.25
Kansas	Non Retail Choice	25	\$4.27
Maine	Retail Choice	26	\$4.30
New York	Retail Choice	26	\$4.30
Arkansas	Non Retail Choice	28	\$4.40
Alaska	Non Retail Choice	29	\$4.41
Pennsylvania	Retail Choice	30	\$4.48
Rhode Island	Retail Choice	31	\$4.50
Arizona	Non Retail Choice	32	\$4.54
California	Retail Choice	33	\$4.55
Indiana	Non Retail Choice	34	\$4.56
Maryland	Retail Choice	35	\$4.60
Kentucky	Non Retail Choice	36	\$4.64
West Virginia	Non Retail Choice	37	\$4.67
Oklahoma	Non Retail Choice	38	\$4.72
Virginia	Non Retail Choice	39	\$4.77
Tennessee	Non Retail Choice	40	\$4.78
Mississippi	Non Retail Choice	41	\$4.84
South Carolina	Non Retail Choice	42	\$4.86
Massachusetts	Retail Choice	43	\$4.93
Georgia	Non Retail Choice	44	\$4.97
Florida	Non Retail Choice	45	\$5.08
New Hampshire	Retail Choice	46	\$5.22
Louisiana	Non Retail Choice	47	\$5.24
Texas	Retail Choice	48	\$5.33
Alabama	Non Retail Choice	49	\$5.52
Connecticut	Retail Choice	50	\$5.79
Hawaii	Non Retail Choice	51	\$7.28

Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers; United States Census Bureau American Community Survey 5-Year Estimates (2017-2021); APPA Retail Electric Rates in Deregulated and Regulated States, 2021 Update



Table 33: Residential Electric Bill Percent of Household Income - States			
State	Electric Market	Rank	% of Household Income
District of Columbia	Retail Choice	1	1.25%
Utah	Non Retail Choice	2	1.29%
Colorado	Non Retail Choice	3	1.47%
Washington	Non Retail Choice	4	1.51%
New Jersey	Retail Choice	5	1.53%
Minnesota	Non Retail Choice	6	1.70%
Wyoming	Non Retail Choice	7	1.74%
Maryland	Retail Choice	8	1.84%
Oregon	Non Retail Choice	9	1.85%
Illinois	Retail Choice	10	1.86%
Wisconsin	Non Retail Choice	11	1.91%
Idaho	Non Retail Choice	12	1.97%
California	Retail Choice	12	1.97%
Alaska	Non Retail Choice	14	2.00%
Vermont	Non Retail Choice	15	2.01%
Massachusetts	Retail Choice	16	2.02%
Nebraska	Non Retail Choice	17	2.03%
New Mexico	Non Retail Choice	17	2.03%
Montana	Retail Choice	19	2.04%
New York	Retail Choice	20	2.09%
Delaware	Retail Choice	21	2.13%
Iowa	Non Retail Choice	22	2.14%
North Dakota	Non Retail Choice	23	2.15%
Virginia	Non Retail Choice	24	2.16%
Rhode Island	Retail Choice	25	2.20%
Michigan	Retail Choice	26	2.21%
New Hampshire	Retail Choice	27	2.28%
Ohio	Retail Choice	28	2.35%
Nevada	Non Retail Choice	29	2.36%
South Dakota	Non Retail Choice	30	2.40%
Kansas	Non Retail Choice	31	2.41%
Pennsylvania	Retail Choice	32	2.42%
North Carolina	Non Retail Choice	33	2.47%
Maine	Retail Choice	34	2.48%
Missouri	Non Retail Choice	35	2.49%
Arizona	Non Retail Choice	36	2.51%
Connecticut	Retail Choice	37	2.53%
Indiana	Non Retail Choice	38	2.69%
Georgia	Non Retail Choice	39	2.79%
Texas	Retail Choice	40	2.89%
Tennessee	Non Retail Choice	41	2.98%
Florida	Non Retail Choice	42	3.00%
Hawaii	Non Retail Choice	43	3.02%
Oklahoma	Non Retail Choice	44	3.03%
South Carolina	Non Retail Choice	45	3.05%
Kentucky	Non Retail Choice	46	3.06%
Arkansas	Non Retail Choice	47	3.08%
West Virginia	Non Retail Choice	48	3.35%
Louisiana	Non Retail Choice	49	3.57%
Mississippi	Non Retail Choice	50	3.60%
Alabama	Non Retail Choice	51	3.66%

Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Sales to Ultimate Customers; United States Census Bureau American Community Survey 5-Year Estimates (2017-2021); APPA Retail Electric Rates in Deregulated and Regulated States, 2021 Update



Table 34: System Average Interruption Duration Index (SAIDI) with Major Event Days - Cities

City/State	Utility Name	Utility Type	Rank	SAIDI with MED (Minutes)
Tallahassee, FL	City of Tallahassee Electric Utility	Municipal	1	13.88
Lincoln, NE	Lincoln Electric System	Municipal	2	16.54
Fort Collins, CO	Platte River Power Authority	Municipal	3	22.29
Anaheim, CA	Anaheim Public Utilities	Municipal	4	25.49
Lafayette, LA	Lafayette Utilities System	Municipal	5	29.04
Washington, DC	Potomac Electric Power Company	Investor Owned	6	33.69
Newark, NJ	Public Service Electric & Gas Company	Investor Owned	7	33.94
College Station, TX	College Station Utilities	Municipal	8	39.10
Colorado Springs, CO	City of Colorado Springs	Municipal	9	42.27
Springfield, MO	City Utilities of Springfield	Municipal	10	43.99
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	Investor Owned	11	49.42
Bridgeport, CT	United Illuminating Company	Investor Owned	12	50.00
Bowling Green, KY	Bowling Green Municipal Utilities	Municipal	13	51.56
Jacksonville, FL	JEA	Municipal	14	52.24
Orlando, FL	Orlando Utilities Commission	Municipal	15	52.70
Las Vegas, NV	Nevada Power Company - NV Energy	Investor Owned	16	62.09
Farmingdale, NY	Long Island Power Authority	State	17	62.42
Huntsville, AL	City of Huntsville	Municipal	18	63.30
Omaha, NE	Omaha Public Power District	Political Subdivision	19	63.80
Imperial, CA	Imperial Irrigation District - Energy	Political Subdivision	20	64.52
Chicago, IL	Commonwealth Edison Company	Investor Owned	21	65.80
Gainesville, FL	Gainesville Regional Utilities	Municipal	22	72.55
Wilmington, DE	Delmarva Power	Investor Owned	23	78.00
Fargo, ND	Northern States Power Company	Investor Owned	24	78.11
Riverside, CA	Riverside Electric Utility	Municipal	25	78.68
Phoenix, AZ	Salt River Project	Political Subdivision	26	81.42
Pawtucket, RI	Narragansett Electric Company	Investor Owned	27	81.94
Austin, TX	Austin Energy	Municipal	28	85.12
Lakeland, FL	Lakeland Electric Utility	Municipal	29	88.21
Honolulu, HI	Hawaiian Electric Company	Investor Owned	30	92.72
Turlock, CA	Turlock Irrigation District	Political Subdivision	31	95.00
Des Moines, IA	MidAmerican Energy	Investor Owned	32	99.00
Sioux City, IA	MidAmerican Energy	Investor Owned	32	99.00
Council Bluffs, IA	MidAmerican Energy	Investor Owned	32	99.00
Lansing, MI	Lansing Board of Water & Light	Municipal	35	110.18
Madison, WI	Madison Gas & Electric Company	Investor Owned	36	110.27
Salt Lake City, UT	PacifiCorp	Investor Owned	37	111.69
Tulsa, OK	Public Service Company of Oklahoma	Investor Owned	38	122.80
San Antonio, TX	CPS Energy	Municipal	39	123.70
Billings, MT	NorthWestern Energy (formerly Montana Power)	Investor Owned	40	132.08
Kearney, NE	Nebraska Public Power District	Political Subdivision	41	132.53
Seattle, WA	Seattle City Light	Municipal	42	138.60
Allentown, PA	PPL Electric Utilities	Investor Owned	43	145.60
Indianapolis, IN	Indianapolis Power & Light Company	Investor Owned	44	147.26
Anchorage, AK	Chugach Electric Association Incorporated	Cooperative	45	150.80
Tacoma, WA	Tacoma Public Utilities	Municipal	46	152.26
Boise, ID	Idaho Power Company	Investor Owned	47	152.45
Albuquerque, NM	Public Service Company of New Mexico	Investor Owned	48	159.17
Lexington, KY	Kentucky Utilities Company	Investor Owned	49	160.04
Toledo, OH	Toledo Edison - FirstEnergy Corp.	Investor Owned	50	165.57
Wichita, KS	Eergy (Formerly Westar Energy Inc)	Investor Owned	51	170.97
Denver, CO	Xcel Energy (Public Service Company of Colorado)	Investor Owned	52	173.66
Sacramento, CA	Sacramento Municipal Util Dist	Political Subdivision	53	175.80
Dayton, OH	AES Ohio (formerly DP&L)	Investor Owned	54	182.02



Table 34: System Average Interruption Duration Index (SAIDI) with Major Event Days - Cities

City/State	Utility Name	Utility Type	Rank	SAIDI with MED (Minutes)
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	Investor Owned	55	184.18
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	Investor Owned	56	196.70
Boston, MA	Eversource (Formerly Boston Edison Company)	Investor Owned	56	196.70
Springfield, MA	Eversource (Formerly Western Massachusetts Electric)	Investor Owned	56	196.70
Kansas City, KS	Kansas City Board of Public Utilities	Municipal	59	200.40
Oklahoma City, OK	Oklahoma Gas & Electric Company	Investor Owned	60	202.63
Kansas City, MO	Evergy (Kansas City Power & Light Co.)	Investor Owned	61	215.56
Myrtle Beach, SC	Santee Cooper	State	62	219.58
Savannah, GA	Georgia Power	Investor Owned	63	227.00
Auburn, AL	Alabama Power	Investor Owned	64	227.20
Baton Rouge, LA	Entergy Louisiana, LLC	Investor Owned	65	271.20
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	Investor Owned	66	279.00
Baltimore, MD	Baltimore Gas & Electric Company	Investor Owned	67	305.86
High Point, NC	High Point Electric Utility Department	Municipal	68	326.28
Portland, OR	Portland General Electric Company	Investor Owned	69	349.00
Greenville, SC	Duke Energy	Investor Owned	70	371.75
Richmond, VA	Dominion Virginia Power	Investor Owned	71	421.48
Evansville, IN	Southern Indiana Gas & Electric Company	Investor Owned	72	454.30
Sioux Falls, SD	Northern States Power Company	Investor Owned	73	465.94
Greensboro, NC	Duke Energy	Investor Owned	74	474.38
Nashville, TN	Nashville Electric Service	Municipal	75	476.46
Reno, NV	Sierra Pacific Power Company - NV Energy	Investor Owned	76	536.48
Manchester, NH	Public Service Company of New Hampshire	Investor Owned	77	552.20
Lima, OH	AEP Ohio (Ohio Power Company)	Investor Owned	78	595.30
Little Rock, AR	Entergy Arkansas, Inc.	Investor Owned	79	633.40
Jackson, MS	Entergy Mississippi, Inc.	Investor Owned	80	734.80
Portland, ME	Central Maine Power Co	Investor Owned	81	856.40
Charleston, WV	AEP (Appalachian Power Rate Area)	Investor Owned	82	1,220.10

Note: SAIDI values with MED rankings don't include TXU Energy, Reliant Energy, and City Burlington Electric as they do not report these values to EIA. SAIDI values with MED rankings also exclude Chugach Electric Association Incorporated. Anchorage Municipal Light and Power that used to service Anchorage, AK was absorbed by Chugach Electric Association Incorporated.

Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Reliability



Table 35: System Average Interruption Duration Index (SAIDI) without Major Event Days - Cities

City/State	Utility Name	Utility Type	Rank	SAIDI without MED (Minutes)
Lincoln, NE	Lincoln Electric System	Municipal	1	13.76
College Station, TX	College Station Utilities	Municipal	2	18.00
Madison, WI	Madison Gas & Electric Company	Investor Owned	3	22.27
Fort Collins, CO	Platte River Power Authority	Municipal	4	22.29
Lafayette, LA	Lafayette Utilities System	Municipal	5	22.87
Myrtle Beach, SC	Santee Cooper	State	6	23.70
Anaheim, CA	Anaheim Public Utilities	Municipal	7	25.49
Washington, DC	Potomac Electric Power Company	Investor Owned	8	26.33
Newark, NJ	Public Service Electric & Gas Company	Investor Owned	9	33.94
Colorado Springs, CO	City of Colorado Springs	Municipal	10	36.24
Chicago, IL	Commonwealth Edison Company	Investor Owned	11	37.64
Bridgeport, CT	United Illuminating Company	Investor Owned	12	39.00
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	Investor Owned	13	42.01
Orlando, FL	Orlando Utilities Commission	Municipal	14	46.40
Phoenix, AZ	Salt River Project	Political Subdivision	15	49.90
Bowling Green, KY	Bowling Green Municipal Utilities	Municipal	16	51.56
Las Vegas, NV	Nevada Power Company - NV Energy	Investor Owned	17	52.15
Jacksonville, FL	JEA	Municipal	18	52.24
Gainesville, FL	Gainesville Regional Utilities	Municipal	19	52.62
Sacramento, CA	Sacramento Municipal Util Dist	Political Subdivision	20	53.70
Imperial, CA	Imperial Irrigation District - Energy	Political Subdivision	21	54.53
Farmingdale, NY	Long Island Power Authority	State	22	55.99
Sioux Falls, SD	Northern States Power Company	Investor Owned	23	57.94
San Antonio, TX	CPS Energy	Municipal	24	59.81
Pawtucket, RI	Narragansett Electric Company	Investor Owned	25	63.20
Huntsville, AL	City of Huntsville	Municipal	26	63.30
Omaha, NE	Omaha Public Power District	Political Subdivision	27	63.80
Wilmington, DE	Delmarva Power	Investor Owned	28	65.00
Austin, TX	Austin Energy	Municipal	29	67.69
Fargo, ND	Northern States Power Company	Investor Owned	30	67.86
Turlock, CA	Turlock Irrigation District	Political Subdivision	31	68.00
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	Investor Owned	32	68.50
Springfield, MA	Eversource (Formerly Western Massachusetts Electric)	Investor Owned	32	68.50
Boston, MA	Eversource (Formerly Boston Edison Company)	Investor Owned	32	68.50
Lakeland, FL	Lakeland Electric Utility	Municipal	35	73.36
Riverside, CA	Riverside Electric Utility	Municipal	36	73.50
Tacoma, WA	Tacoma Public Utilities	Municipal	37	76.19
Kearney, NE	Nebraska Public Power District	Political Subdivision	38	77.95
Lexington, KY	Kentucky Utilities Company	Investor Owned	39	78.53
Manchester, NH	Public Service Company of New Hampshire	Investor Owned	40	78.80
Council Bluffs, IA	MidAmerican Energy	Investor Owned	41	81.00
Sioux City, IA	MidAmerican Energy	Investor Owned	41	81.00
Des Moines, IA	MidAmerican Energy	Investor Owned	41	81.00
Baltimore, MD	Baltimore Gas & Electric Company	Investor Owned	44	83.43
Honolulu, HI	Hawaiian Electric Company	Investor Owned	45	85.89
Allentown, PA	PPL Electric Utilities	Investor Owned	46	89.30
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	Investor Owned	47	89.99
Toledo, OH	Toledo Edison - FirstEnergy Corp.	Investor Owned	48	95.44
Seattle, WA	Seattle City Light	Municipal	49	101.20
Albuquerque, NM	Public Service Company of New Mexico	Investor Owned	50	101.33
Salt Lake City, UT	PacificCorp	Investor Owned	51	101.43
Evansville, IN	Southern Indiana Gas & Electric Company	Investor Owned	52	103.40
Wichita, KS	Eergy (Formerly Westar Energy Inc)	Investor Owned	53	106.32
Dayton, OH	AES Ohio (formerly DP&L)	Investor Owned	54	108.85



Table 35: System Average Interruption Duration Index (SAIDI) without Major Event Days - Cities

City/State	Utility Name	Utility Type	Rank	SAIDI without MED (Minutes)
Tulsa, OK	Public Service Company of Oklahoma	Investor Owned	55	109.80
Nashville, TN	Nashville Electric Service	Municipal	56	109.97
Lansing, MI	Lansing Board of Water & Light	Municipal	57	110.18
Kansas City, MO	Eergy (Kansas City Power & Light Co.)	Investor Owned	58	111.27
Denver, CO	Xcel Energy (Public Service Company of Colorado)	Investor Owned	59	111.81
Indianapolis, IN	Indianapolis Power & Light Company	Investor Owned	60	112.49
Portland, OR	Portland General Electric Company	Investor Owned	61	117.00
Billings, MT	NorthWestern Energy (formerly Montana Power)	Investor Owned	62	118.55
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	Investor Owned	63	121.00
Auburn, AL	Alabama Power	Investor Owned	64	133.10
Richmond, VA	Dominion Virginia Power	Investor Owned	65	136.05
Savannah, GA	Georgia Power	Investor Owned	66	142.45
Reno, NV	Sierra Pacific Power Company - NV Energy	Investor Owned	67	151.32
Boise, ID	Idaho Power Company	Investor Owned	68	151.68
Kansas City, KS	Kansas City Board of Public Utilities	Municipal	69	155.91
Oklahoma City, OK	Oklahoma Gas & Electric Company	Investor Owned	70	163.39
Portland, ME	Central Maine Power Co	Investor Owned	71	172.49
Lima, OH	AEP Ohio (Ohio Power Company)	Investor Owned	72	179.40
Greensboro, NC	Duke Energy	Investor Owned	73	181.67
High Point, NC	High Point Electric Utility Department	Municipal	74	182.16
Greenville, SC	Duke Energy	Investor Owned	75	187.81
Baton Rouge, LA	Entergy Louisiana, LLC	Investor Owned	76	233.80
Jackson, MS	Entergy Mississippi, Inc.	Investor Owned	77	331.20
Little Rock, AR	Entergy Arkansas, Inc.	Investor Owned	78	393.60
Charleston, WV	AEP (Appalachian Power Rate Area)	Investor Owned	79	738.90

Note: SAIDI values without MED rankings don't include TXU Energy, Reliant Energy, and City Burlington Electric as they do not report these values to EIA. SAIDI values without MED rankings also exclude City Utilities of Springfield, and City of Tallahassee Electric Utility. Anchorage Municipal Light and Power that used to service Anchorage, AK was absorbed by Chugach Electric Association Incorporated.
Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Reliability



Table 36: System Average Interruption Duration Index (SAIDI) with Major Event Days Rank Changes - Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	SAIDI with MED (Minutes)	SAIDI with MED (Minutes) PY	SAIDI with MED Percent Change
Tallahassee, FL	City of Tallahassee Electric Utility	1	21	20	13.88	88.90	-84.4%
Lincoln, NE	Lincoln Electric System	2	4	2	16.54	41.20	-59.9%
Fort Collins, CO	Platte River Power Authority	3	1	-2	22.29	18.39	21.2%
Anaheim, CA	Anaheim Public Utilities	4	15	11	25.49	70.90	-64.0%
Lafayette, LA	Lafayette Utilities System	5	2	-3	29.04	37.22	-22.0%
Washington, DC	Potomac Electric Power Company	6	7	1	33.69	52.00	-35.2%
Newark, NJ	Public Service Electric & Gas Company	7	12	5	33.94	60.45	-43.9%
College Station, TX	College Station Utilities	8	5	-3	39.10	43.70	-10.5%
Colorado Springs, CO	City of Colorado Springs	9	55	46	42.27	230.96	-81.7%
Springfield, MO	City Utilities of Springfield	10	35	25	43.99	140.91	-68.8%
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	11	57	46	49.42	239.24	-79.3%
Bridgeport, CT	United Illuminating Company	12	9	-3	50.00	54.00	-7.4%
Bowling Green, KY	Bowling Green Municipal Utilities	13	20	7	51.56	86.91	-40.7%
Jacksonville, FL	JEA	14	10	-4	52.24	54.24	-3.7%
Orlando, FL	Orlando Utilities Commission	15	6	-9	52.70	49.60	6.3%
Las Vegas, NV	Nevada Power Company - NV Energy	16	18	2	62.09	82.44	-24.7%
Farmingdale, NY	Long Island Power Authority	17	14	-3	62.42	67.30	-7.3%
Huntsville, AL	City of Huntsville	18	11	-7	63.30	55.73	13.6%
Omaha, NE	Omaha Public Power District	19	77	58	63.80	923.00	-93.1%
Imperial, CA	Imperial Irrigation District - Energy	20	29	9	64.52	116.16	-44.5%
Chicago, IL	Commonwealth Edison Company	21	25	4	65.80	101.60	-35.2%
Gainesville, FL	Gainesville Regional Utilities	22	16	-6	72.55	78.33	-7.4%
Wilmington, DE	Delmarva Power	23	13	-10	78.00	61.00	27.9%
Fargo, ND	Northern States Power Company	24	22	-2	78.11	88.99	-12.2%
Riverside, CA	Riverside Electric Utility	25	30	5	78.68	116.33	-32.4%
Phoenix, AZ	Salt River Project	26	19	-7	81.42	85.09	-4.3%
Pawtucket, RI	Narragansett Electric Company	27	72	45	81.94	448.55	-81.7%
Austin, TX	Austin Energy	28	79	51	85.12	1921.89	-95.6%
Lakeland, FL	Lakeland Electric Utility	29	8	-21	88.21	52.01	69.6%
Honolulu, HI	Hawaiian Electric Company	30	28	-2	92.72	112.52	-17.6%
Turlock, CA	Turlock Irrigation District	31	27	-4	95.00	108.00	-12.0%
Des Moines, IA	MidAmerican Energy	32	37	5	99.00	146.00	-32.2%
Sioux City, IA	MidAmerican Energy	32	37	5	99.00	146.00	-32.2%
Council Bluffs, IA	MidAmerican Energy	32	37	5	99.00	146.00	-32.2%
Lansing, MI	Lansing Board of Water & Light	35	26	-9	110.18	104.17	5.8%
Madison, WI	Madison Gas & Electric Company	36	3	-33	110.27	39.63	178.2%
Salt Lake City, UT	PacifiCorp	37	31	-6	111.69	123.94	-9.9%
Tulsa, OK	Public Service Company of Oklahoma	38	34	-4	122.80	138.10	-11.1%
San Antonio, TX	CPS Energy	39	49	10	123.70	175.85	-29.7%
Billings, MT	NorthWestern Energy (formerly Montana Power)	40	42	2	132.08	151.43	-12.8%
Kearney, NE	Nebraska Public Power District	41	59	18	132.53	242.21	-45.3%
Seattle, WA	Seattle City Light	42	60	18	138.60	244.80	-43.4%
Allentown, PA	PPL Electric Utilities	43	48	5	145.60	172.90	-15.8%
Indianapolis, IN	Indianapolis Power & Light Company	44	50	6	147.26	176.39	-16.5%
Anchorage, AK	Chugach Electric Association Incorporated	45	36	-9	150.80	142.10	6.1%
Tacoma, WA	Tacoma Public Utilities	46	65	19	152.26	314.42	-51.6%
Boise, ID	Idaho Power Company	47	45	-2	152.45	160.87	-5.2%
Albuquerque, NM	Public Service Company of New Mexico	48	23	-25	159.17	97.50	63.3%
Lexington, KY	Kentucky Utilities Company	49	58	9	160.04	241.24	-33.7%
Toledo, OH	Toledo Edison - FirstEnergy Corp.	50	46	-4	165.57	167.05	-0.9%



Table 36: System Average Interruption Duration Index (SAIDI) with Major Event Days Rank Changes - Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	SAIDI with MED (Minutes)	SAIDI with MED (Minutes) PY	SAIDI with MED Percent Change
Wichita, KS	Evergy (Formerly Westar Energy Inc)	51	68	17	170.97	349.87	-51.1%
Denver, CO	Xcel Energy (Public Service Company of Colorado)	52	52	0	173.66	180.89	-4.0%
Sacramento, CA	Sacramento Municipal Util Dist	53	54	1	175.80	227.20	-22.6%
Dayton, OH	AES Ohio (formerly DP&L)	54	51	-3	182.02	179.59	1.4%
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	55	32	-23	184.18	129.94	41.7%
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	56	73	17	196.70	640.82	-69.3%
Boston, MA	Eversource (Formerly Boston Edison Company)	56	73	17	196.70	640.82	-69.3%
Springfield, MA	Eversource (Formerly Western Massachusetts Electric)	56	73	17	196.70	640.82	-69.3%
Kansas City, KS	Kansas City Board of Public Utilities	59	70	11	200.40	393.77	-49.1%
Oklahoma City, OK	Oklahoma Gas & Electric Company	60	47	-13	202.63	167.98	20.6%
Kansas City, MO	Evergy (Kansas City Power & Light Co.)	61	63	2	215.56	288.91	-25.4%
Myrtle Beach, SC	Santee Cooper	62	33	-29	219.58	132.88	65.2%
Savannah, GA	Georgia Power	63	40	-23	227.00	146.83	54.6%
Auburn, AL	Alabama Power	64	62	-2	227.20	262.60	-13.5%
Baton Rouge, LA	Entergy Louisiana, LLC	65	82	17	271.20	6692.00	-95.9%
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	66	71	5	279.00	417.00	-33.1%
Baltimore, MD	Baltimore Gas & Electric Company	67	41	-26	305.86	146.91	108.2%
High Point, NC	High Point Electric Utility Department	68	64	-4	326.28	296.46	10.1%
Portland, OR	Portland General Electric Company	69	81	12	349.00	2724.00	-87.2%
Greenville, SC	Duke Energy	70	43	-27	371.75	156.52	137.5%
Richmond, VA	Dominion Virginia Power	71	66	-5	421.48	318.79	32.2%
Evansville, IN	Southern Indiana Gas & Electric Company	72	17	-55	454.30	78.60	478.0%
Sioux Falls, SD	Northern States Power Company	73	24	-49	465.94	99.62	367.7%
Greensboro, NC	Duke Energy	74	61	-13	474.38	259.00	83.2%
Nashville, TN	Nashville Electric Service	75	76	1	476.46	770.02	-38.1%
Reno, NV	Sierra Pacific Power Company - NV Energy	76	44	-32	536.48	160.58	234.1%
Manchester, NH	Public Service Company of New Hampshire	77	53	-24	552.20	182.68	202.3%
Lima, OH	AEP Ohio (Ohio Power Company)	78	56	-22	595.30	231.00	157.7%
Little Rock, AR	Entergy Arkansas, Inc.	79	69	-10	633.40	385.50	64.3%
Jackson, MS	Entergy Mississippi, Inc.	80	78	-2	734.80	1374.00	-46.5%
Portland, ME	Central Maine Power Co	81	67	-14	856.40	327.00	161.9%
Charleston, WV	AEP (Appalachian Power Rate Area)	82	80	-2	1220.10	2087.60	-41.6%

Note: State SAIDI values were calculated using reporting utilities SAIDI values weighted by the number of customers served in each utility.

Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Reliability; APPA Retail Electric Rates in Deregulated and Regulated States Report, 2022 Update



Table 37: System Average Interruption Duration Index (SAIDI) without Major Event Days Rank Changes - Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	SAIDI without MED (Minutes)	SAIDI without MED (Minutes)	SAIDI without MED Percent Change
Lincoln, NE	Lincoln Electric System	1	1	0	13.76	17.10	-19.5%
College Station, TX	College Station Utilities	2	5	3	18.00	22.10	-18.6%
Madison, WI	Madison Gas & Electric Company	3	6	3	22.27	31.92	-30.2%
Fort Collins, CO	Platte River Power Authority	4	2	-2	22.29	18.39	21.2%
Lafayette, LA	Lafayette Utilities System	5	4	-1	22.87	21.23	7.7%
Myrtle Beach, SC	Santee Cooper	6	3	-3	23.70	18.94	25.1%
Anaheim, CA	Anaheim Public Utilities	7	32	25	25.49	70.90	-64.0%
Washington, DC	Potomac Electric Power Company	8	11	3	26.33	42.00	-37.3%
Newark, NJ	Public Service Electric & Gas Company	9	9	0	33.94	41.49	-18.2%
Colorado Springs, CO	City of Colorado Springs	10	15	5	36.24	49.90	-27.4%
Chicago, IL	Commonwealth Edison Company	11	12	1	37.64	43.46	-13.4%
Bridgeport, CT	United Illuminating Company	12	8	-4	39.00	40.00	-2.5%
Cheyenne, WY	Cheyenne Light, Fuel & Power Company	13	7	-6	42.01	31.95	31.5%
Orlando, FL	Orlando Utilities Commission	14	13	-1	46.40	47.80	-2.9%
Phoenix, AZ	Salt River Project	15	14	-1	49.90	47.88	4.2%
Bowling Green, KY	Bowling Green Municipal Utilities	16	10	-6	51.56	41.99	22.8%
Las Vegas, NV	Nevada Power Company - NV Energy	17	16	-1	52.15	51.95	0.4%
Jacksonville, FL	JEA	18	18	0	52.24	54.24	-3.7%
Gainesville, FL	Gainesville Regional Utilities	19	38	19	52.62	78.33	-32.8%
Sacramento, CA	Sacramento Municipal Util Dist	20	22	2	53.70	60.40	-11.1%
Imperial, CA	Imperial Irrigation District - Energy	21	30	9	54.53	70.60	-22.8%
Farmingdale, NY	Long Island Power Authority	22	19	-3	55.99	54.70	2.4%
Sioux Falls, SD	Northern States Power Company	23	21	-2	57.94	57.62	0.6%
San Antonio, TX	CPS Energy	24	25	1	59.81	67.68	-11.6%
Pawtucket, RI	Narragansett Electric Company	25	28	3	63.20	68.80	-8.1%
Huntsville, AL	City of Huntsville	26	20	-6	63.30	55.73	13.6%
Omaha, NE	Omaha Public Power District	27	26	-1	63.80	67.90	-6.0%
Wilmington, DE	Delmarva Power	28	23	-5	65.00	61.00	6.6%
Austin, TX	Austin Energy	29	24	-5	67.69	63.40	6.8%
Fargo, ND	Northern States Power Company	30	40	10	67.86	80.68	-15.9%
Turlock, CA	Turlock Irrigation District	31	33	2	68.00	75.00	-9.3%
Cambridge, MA	Eversource (Formerly Cambridge Electric Company)	32	34	2	68.50	75.84	-9.7%
Springfield, MA	Eversource (Formerly Western Massachusetts Electric)	32	34	2	68.50	75.84	-9.7%
Boston, MA	Eversource (Formerly Boston Edison Company)	32	34	2	68.50	75.84	-9.7%
Lakeland, FL	Lakeland Electric Utility	35	17	-18	73.36	52.01	41.0%
Riverside, CA	Riverside Electric Utility	36	44	8	73.50	83.04	-11.5%
Tacoma, WA	Tacoma Public Utilities	37	47	10	76.19	90.81	-16.1%
Kearney, NE	Nebraska Public Power District	38	30	-8	77.95	70.60	10.4%
Lexington, KY	Kentucky Utilities Company	39	39	0	78.53	79.26	-0.9%
Manchester, NH	Public Service Company of New Hampshire	40	50	10	78.80	96.78	-18.6%
Des Moines, IA	MidAmerican Energy	41	41	0	81.00	81.00	0.0%
Sioux City, IA	MidAmerican Energy	41	41	0	81.00	81.00	0.0%
Council Bluffs, IA	MidAmerican Energy	41	41	0	81.00	81.00	0.0%
Baltimore, MD	Baltimore Gas & Electric Company	44	37	-7	83.43	76.75	8.7%
Honolulu, HI	Hawaiian Electric Company	45	49	4	85.89	92.85	-7.5%
Allentown, PA	PPL Electric Utilities	46	45	-1	89.30	84.50	5.7%
Minneapolis, MN	Xcel Energy (Northern States Power Co. - Minnesota)	47	48	1	89.99	92.27	-2.5%
Toledo, OH	Toledo Edison - FirstEnergy Corp.	48	27	-21	95.44	68.60	39.1%
Seattle, WA	Seattle City Light	49	58	9	101.20	106.70	-5.2%
Albuquerque, NM	Public Service Company of New Mexico	50	46	-4	101.33	86.22	17.5%



Table 37: System Average Interruption Duration Index (SAIDI) without Major Event Days Rank Changes - Cities

City	Utility	Current Year Rank	Prior Year Rank	Rank Change	SAIDI without MED (Minutes)	SAIDI without MED (Minutes)	SAIDI without MED Percent Change
Salt Lake City, UT	PacifiCorp	51	60	9	101.43	108.31	-6.4%
Evansville, IN	Southern Indiana Gas & Electric Company	52	29	-23	103.40	69.70	48.4%
Wichita, KS	Evergy (Formerly Westar Energy Inc)	53	54	1	106.32	100.74	5.5%
Dayton, OH	AES Ohio (formerly DP&L)	54	59	5	108.85	107.99	0.8%
Tulsa, OK	Public Service Company of Oklahoma	55	61	6	109.80	113.10	-2.9%
Nashville, TN	Nashville Electric Service	56	52	-4	109.97	99.32	10.7%
Lansing, MI	Lansing Board of Water & Light	57	56	-1	110.18	104.17	5.8%
Kansas City, MO	Evergy (Kansas City Power & Light Co.)	58	51	-7	111.27	97.98	13.6%
Denver, CO	Xcel Energy (Public Service Company of Colorado)	59	67	8	111.81	130.57	-14.4%
Indianapolis, IN	Indianapolis Power & Light Company	60	57	-3	112.49	104.44	7.7%
Portland, OR	Portland General Electric Company	61	62	1	117.00	119.00	-1.7%
Billings, MT	NorthWestern Energy (formerly Montana Power)	62	66	4	118.55	128.40	-7.7%
Milwaukee, WI	We Energies (formerly Wisconsin Electric)	63	55	-8	121.00	102.00	18.6%
Auburn, AL	Alabama Power	64	65	1	133.10	122.10	9.0%
Richmond, VA	Dominion Virginia Power	65	68	3	136.05	133.60	1.8%
Savannah, GA	Georgia Power	66	69	3	142.45	141.13	0.9%
Reno, NV	Sierra Pacific Power Company - NV Energy	67	64	-3	151.32	121.12	24.9%
Boise, ID	Idaho Power Company	68	63	-5	151.68	119.76	26.7%
Kansas City, KS	Kansas City Board of Public Utilities	69	71	2	155.91	153.01	1.9%
Oklahoma City, OK	Oklahoma Gas & Electric Company	70	73	3	163.39	160.15	2.0%
Portland, ME	Central Maine Power Co	71	75	4	172.49	219.60	-21.5%
Lima, OH	AEP Ohio (Ohio Power Company)	72	74	2	179.40	171.40	4.7%
Greensboro, NC	Duke Energy	73	72	-1	181.67	153.58	18.3%
High Point, NC	High Point Electric Utility Department	74	53	-21	182.16	100.17	81.9%
Greenville, SC	Duke Energy	75	70	-5	187.81	147.82	27.1%
Baton Rouge, LA	Entergy Louisiana, LLC	76	76	0	233.80	246.60	-5.2%
Jackson, MS	Entergy Mississippi, Inc.	77	78	1	331.20	281.90	17.5%
Little Rock, AR	Entergy Arkansas, Inc.	78	77	-1	393.60	263.30	49.5%
Charleston, WV	AEP (Appalachian Power Rate Area)	79	79	0	738.90	572.20	29.1%

Note: State SAIDI values were calculated using reporting utilities SAIDI values weighted by the number of customers served in each utility.

Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Reliability; APPA Retail Electric Rates in Deregulated and Regulated States Report, 2022 Update



Table 38: System Average Interruption Duration Index (SAIDI) with Major Events - States			
State	Electric Market	Rank	SAIDI with MED (Minutes)
District of Columbia	Retail Choice	1	33.69
Delaware	Retail Choice	2	79.76
Rhode Island	Retail Choice	3	81.94
Nebraska	Non Retail Choice	4	82.06
Iowa	Non Retail Choice	5	85.82
New Jersey	Retail Choice	6	89.68
Illinois	Retail Choice	7	90.42
Utah	Non Retail Choice	8	111.32
Arizona	Non Retail Choice	9	139.73
Colorado	Non Retail Choice	10	141.53
Missouri	Non Retail Choice	11	148.02
Connecticut	Retail Choice	12	157.40
Wyoming	Non Retail Choice	13	160.06
Massachusetts	Retail Choice	14	163.15
Kansas	Non Retail Choice	15	178.83
Idaho	Non Retail Choice	16	180.72
New Mexico	Non Retail Choice	17	182.56
Hawaii	Non Retail Choice	18	187.25
Nevada	Non Retail Choice	19	195.12
Oklahoma	Non Retail Choice	20	195.56
California	Retail Choice	21	198.29
Pennsylvania	Retail Choice	22	200.38
New York	Retail Choice	23	202.96
Alabama	Non Retail Choice	24	208.63
Texas	Retail Choice	25	211.95
Montana	Retail Choice	26	225.63
Maryland	Retail Choice	27	259.07
Georgia	Non Retail Choice	28	264.26
Minnesota	Non Retail Choice	29	271.33
Wisconsin	Non Retail Choice	30	273.52
Indiana	Non Retail Choice	31	279.35
South Carolina	Non Retail Choice	32	301.10
Louisiana	Non Retail Choice	33	303.95
Oregon	Non Retail Choice	34	322.86
South Dakota	Non Retail Choice	35	327.07
Kentucky	Non Retail Choice	36	345.80
Washington	Non Retail Choice	37	395.30
Tennessee	Non Retail Choice	38	404.49
Ohio	Retail Choice	39	413.23
Arkansas	Non Retail Choice	40	415.54
Mississippi	Non Retail Choice	41	448.47
North Carolina	Non Retail Choice	42	456.30
Michigan	Retail Choice	43	513.13
North Dakota	Non Retail Choice	44	559.60
Alaska	Non Retail Choice	45	575.23
Virginia	Non Retail Choice	46	593.93
New Hampshire	Retail Choice	47	616.72
Vermont	Non Retail Choice	48	901.26
Maine	Retail Choice	49	963.61
West Virginia	Non Retail Choice	50	1003.19
Florida	Non Retail Choice	51	1137.25

Note: State SAIDI values were calculated using reporting utilities SAIDI values weighted by the number of customers served in each utility.
 Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Reliability; APPA Retail Electric Rates in Deregulated and Regulated States Report, 2022 Update



Table 39: System Average Interruption Duration Index (SAIDI) without Major Events - States			
State	Electric Market	Rank	SAIDI (Minutes)
District of Columbia	Retail Choice	1	26.33
Illinois	Retail Choice	2	57.45
Arizona	Non Retail Choice	3	62.32
Nebraska	Non Retail Choice	4	62.33
Rhode Island	Retail Choice	5	63.20
Connecticut	Retail Choice	6	66.07
Delaware	Retail Choice	7	66.39
Florida	Non Retail Choice	8	68.65
Iowa	Non Retail Choice	9	74.47
North Dakota	Non Retail Choice	10	76.01
Nevada	Non Retail Choice	11	77.04
New York	Retail Choice	12	77.61
New Jersey	Retail Choice	13	78.97
Minnesota	Non Retail Choice	14	80.28
Massachusetts	Retail Choice	15	82.03
Maryland	Retail Choice	16	83.81
Colorado	Non Retail Choice	17	96.23
Missouri	Non Retail Choice	18	96.34
Utah	Non Retail Choice	19	97.70
Wisconsin	Non Retail Choice	20	98.66
Wyoming	Non Retail Choice	21	105.15
Hawaii	Non Retail Choice	22	105.90
New Hampshire	Retail Choice	23	107.54
Kansas	Non Retail Choice	24	108.05
South Carolina	Non Retail Choice	25	113.47
Oregon	Non Retail Choice	26	118.15
South Dakota	Non Retail Choice	27	120.32
New Mexico	Non Retail Choice	28	123.09
Pennsylvania	Retail Choice	29	126.15
Texas	Retail Choice	30	126.41
Georgia	Non Retail Choice	31	134.57
Indiana	Non Retail Choice	32	136.06
Alabama	Non Retail Choice	33	137.13
Montana	Retail Choice	34	137.92
Oklahoma	Non Retail Choice	35	142.62
Ohio	Retail Choice	36	143.98
North Carolina	Non Retail Choice	37	144.33
Washington	Non Retail Choice	38	149.38
California	Retail Choice	39	149.72
Kentucky	Non Retail Choice	40	151.24
Idaho	Non Retail Choice	41	158.26
Michigan	Retail Choice	42	165.62
Virginia	Non Retail Choice	43	187.17
Tennessee	Non Retail Choice	44	187.79
Alaska	Non Retail Choice	45	188.86
Maine	Retail Choice	46	216.68
Mississippi	Non Retail Choice	47	240.60
Louisiana	Non Retail Choice	48	242.75
Vermont	Non Retail Choice	49	250.30
Arkansas	Non Retail Choice	50	267.59
West Virginia	Non Retail Choice	51	543.58

Note: State SAIDI values were calculated using reporting utilities SAIDI values weighted by the number of customers served in each utility.
Data Source(s): 2022 Form EIA-861 Annual Electric Power Industry Report, Reliability; APPA Retail Electric Rates in Deregulated and Regulated States Report, 2022 Update



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