A SUPPLEMENT OF PUBLIC POWER MAGAZINE

2025 PUBLIC POWER STATISTICAL REPORT

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HOW DATA TELLS PUBLIC POWER'S STORY

Broadly across the industry, there are many metrics on electricity generation, capacity, sales, usage, reliability, and workforce characteristics. Data helps confirm the unique and valuable aspects of public power across the United States. Collectively, more than 55 million Americans get their electricity from a public power utility — which operate in approximately 2,000 communities in every state except Hawaii — and the territories of American Samoa, Guam, Northern Mariana Islands, Puerto Rico, and the U.S. Virgin Islands.

The Public Power Statistical Report focuses on the key graphs, tables, and data visualizations that American Public Power Association members regularly draw from to make use of all the valuable data at their fingertips — and how to appropriately benchmark their data against general data sets. APPA publishes this report so that each of our members can play a role in understanding and communicating the key aspects of how public power is distinguished from — or similar to — the rest of the electric utility industry.

As supported by the data in this report, public power advantages include:

- **Public power customers have the lowest electricity rates.** In 34 out of 45 states where data was available, residential customers of public power utilities have the lowest electricity rates of any utility type based on the average revenue per kilowatt-hour.
- **Public power utilities are consistently more reliable than other types of utilities.** Public power utilities on average resolve outages 61% quicker than other utilities when there are no major events. Following a major event (e.g., a hurricane), public power customers saw outages resolved 55% more quickly than customers of other utilities.
- **Public power utilities support strong local economies.** The median public power utility earns $5.8 million in annual revenue and contributes a median of 5.1% of electric operating revenues back to the communities it serves. When looking at the portion of revenue that goes directly to the community, public power utilities pay 9% more than the average IOU pays in taxes to state and local governments. In 2022, 171 public power utilities made a combined $1.478 billion in total payments and contributions to their state and local governments.
- **Public power utilities rely on a diverse generating mix.** Nearly 41% of electricity generated from public power facilities in 2023 was from non-carbon emitting sources, which is higher than the proportion for all generation in the U.S. This is not inclusive of supply from power purchase agreements, where public power gets most of its solar and wind supply.

The data in this report, unless otherwise stated, includes all 2,003 public power utilities — including those that operate within the territories of American Samoa, Guam, Northern Mariana Islands, Puerto Rico, and the U.S. Virgin Islands. Since 2020, the Energy Information Administration has allowed utilities with less than 200,000 megawatt-hours in sales to complete a short form (EIA-861S) instead of the detailed form (EIA-861). This means that about 75% of public power utilities have reported limited data related to specific customer classes — including rates, number of customers served, and sales. Utilities eligible to complete the short form are required to complete the detailed form every eight years. The next year that small utilities are required to complete EIA-861 is 2027.

While this report contains a variety of top-level data about our industry, there are many additional sources to turn to for a deeper dive. Additional detailed charts, reports, and data, such as reliability and safety measures, are available on our website and through our programs and services. Our product store also links to other statistical reports available to members, including our report on salaries and hourly pay in public power utilities and the report on financial and operating ratios of public power utilities.

If you ever have any questions about any industry data, where to find it, and how to use it, don't hesitate to reach out to us at **Statistics@PublicPower.org.**

GENERATION AND CAPACITY

U.S. Electric Generating Capacity by Fuel Type, 2023

Source: Energy Information Administration Form EIA-860, 2023 and Hitachi Energy Velocity Suite, December 2024 for U.S. territories. Energy storage is not included in the generating capacity total percentages, but storage megawatts are instead reported as standalone additions for comparison.

All Utility Types

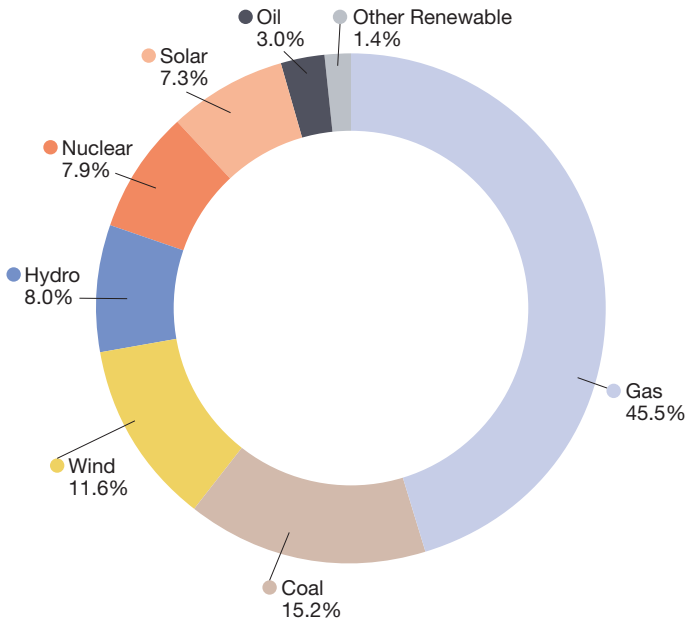
Nameplate capacity, in megawatts.

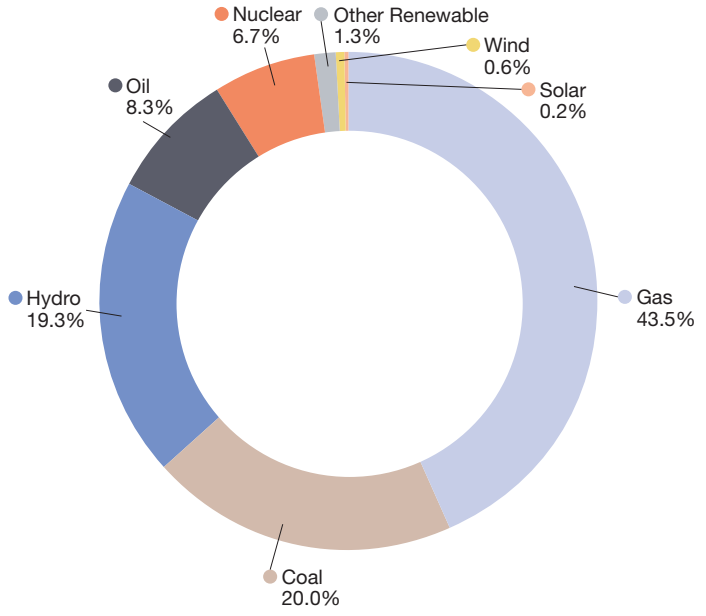
Fuel Type	MW	Percent of Total
Gas	578,726	45.5%
Coal	193,056	15.2%
Wind	148,269	11.6%
Hydro	102,240	8.0%
Nuclear	100,675	7.9%
Solar	93,073	7.3%
Oil	38,767	3.0%
Other Renewable	17,395	1.4%
Other	540	0.0%
Energy storage	16,180	

Public Power

Nameplate capacity, in megawatts. Data reflect joint ownership.

Fuel Type	MW	Percent of Total
Gas	53,723	43.5%
Coal	24,738	20.0%
Hydro	23,907	19.3%
Oil	10,276	8.3%
Nuclear	8,302	6.7%
Other Renewable	1,614	1.3%
Wind	749	0.6%
Solar	298	0.2%
Other	2	0.0%
Energy Storage	139	





Public power utilities procure most of their renewable energy through power purchase agreements, usually with non-utility generators, and from the Power Marketing Administrations, rather than through direct ownership.

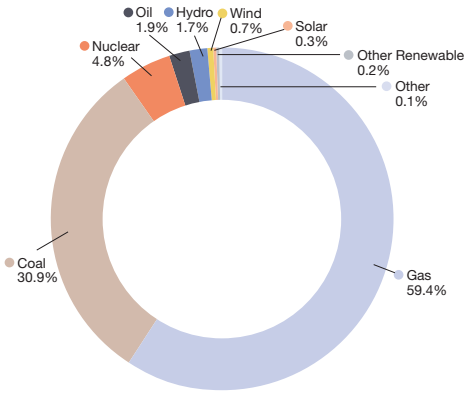
GENERATION AND CAPACITY

U.S. Electric Generating Capacity by Utility and Fuel Types, 2023

Source: Energy Information Administration Form EIA-860, 2023. Nameplate capacity, in megawatts. Data reflect joint ownership. Energy storage is not included in the generating capacity total percentages, but storage megawatts are instead reported as standalone additions for comparison.

Cooperative

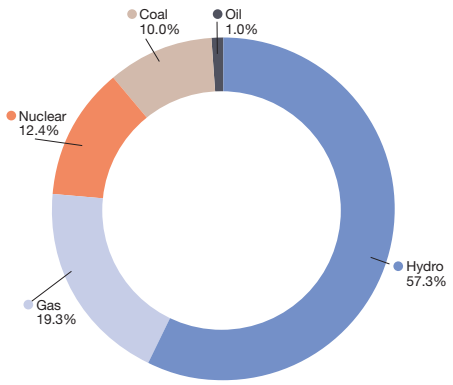
Fuel Type	MW	Percent of Total
Gas	37,849	59.4%
Coal	19,697	30.9%
Nuclear	3,061	4.8%
Oil	1,228	1.9%
Hydro	1,062	1.7%
Wind	426	0.7%
Solar	186	0.3%
Other Renewable	130	0.2%
Other	39	0.1%
Energy Storage	148	



Federal Power Agencies

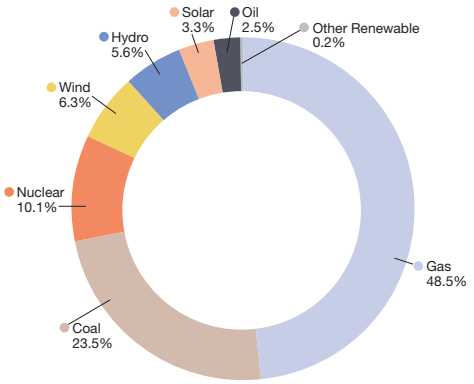
Fuel Type	MW	Percent of Total
Hydro	40,931	57.3%
Gas	13,781	19.3%
Nuclear	8,835	12.4%
Coal	7,150	10.0%
Oil	687	1.0%
Other Renewable	27	0.0%
Wind	24	0.0%
Solar	6	0.0%
Energy Storage	5	

Federal power agencies include Power Marketing Administrations, U.S. Bureau of Indian Affairs, Tennessee Valley Authority, U.S. Army Corps of Engineers, and Marine Corps Air Ground Combat Center.



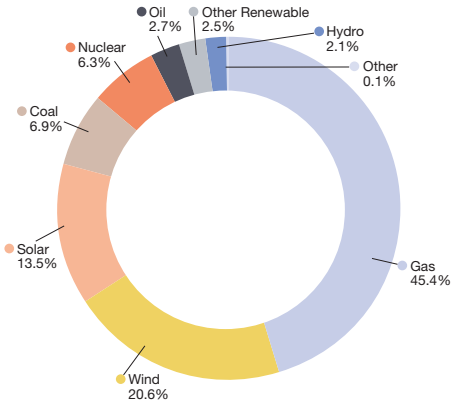
Investor-Owned Utilities

Fuel Type	MW	Percent of Total
Gas	209,317	48.5%
Coal	101,541	23.5%
Nuclear	43,832	10.1%
Wind	27,207	6.3%
Hydro	24,327	5.6%
Solar	14,197	3.3%
Oil	10,606	2.5%
Other Renewable	823	0.2%
Energy Storage	1,516	



Non-Utility Generators

Fuel Type	MW	Percent of Total
Gas	264,055	45.4%
Wind	119,862	20.6%
Solar	78,385	13.5%
Coal	39,930	6.9%
Nuclear	36,644	6.3%
Oil	15,971	2.7%
Other Renewable	14,802	2.5%
Hydro	12,014	2.1%
Other	499	0.1%
Energy Storage	14,372	



Outside of federal power agencies, public power has the largest share of hydro capacity in its fuel mix at 19.3%.

GENERATION AND CAPACITY

Generating Capacity Additions by Fuel Type, 2017-2024

Source: Hitachi Energy Velocity Suite, January 2025.

Fuel Type	MW	Share
Solar	108,867.32	41.07%
Natural Gas	77,503.40	29.24%
Wind	73,507.07	27.73%
Nuclear	2,214.00	0.84%
Hydro	688.76	0.26%
Distillate Fuel Oil	658.15	0.25%
Geothermal	624.50	0.24%
Wood/Wood Waste Solids	406.50	0.15%
Biomass Gases	103.32	0.04%
Waste Heat	101.60	0.04%
Wood Waste Liquids	75.00	0.03%
Blast Furnace Gas	70.00	0.03%
Landfill Gas	67.60	0.03%
Liquified Natural Gas	50.63	0.02%
Biomass Liquids	50.00	0.02%
Other	42.90	0.02%
Liquified Propane Gas	21.00	0.01%
Coal	17.00	0.01%
Biomass Other	10.74	0.00%
Waste	8.19	0.00%
Biomass Solids	6.40	0.00%
Waste Oil and Other Oil	3.00	0.00%
Propane	1.80	0.00%
Jet Fuel	1.30	0.00%
Other Gas	1.20	0.00%
Total	**265,101.37**	

Energy Storage Additions, 2017-2024

Source: Hitachi Energy Velocity Suite, January 2025.

Energy storage totals do not include pumped hydro and systems under 1 MW.

Online Year	MW
2024	10,953.35
2023	7,488.97
2022	4,424.08
2021	3,581.99
2020	790.40
2019	274.66
2018	293.60
2017	174.20
Total	**27,981.24**

Energy Storage by Development Stage, 2024

Source: Hitachi Energy Velocity Suite, January 2025.

Energy storage totals do not include pumped hydro and systems under 1 MW.

Development Stage	MW
Currently Operational	28,832.96
Under Construction	16,993.36
Permitted	31,460.70
Pending Application	39,130.64
Proposed	77,103.16

Nearly two-thirds of all energy storage currently in operation has come online since 2023.

GENERATION AND CAPACITY

Renewable Capacity by Owner Type, 2023

Source: Energy Information Administration Form EIA-860, 2023, including adjustments for joint ownership.

Fuel Type	Cooperative		Federal		IOU		Public Power		Non-Utility		Total
	MW	*Percent*	*MW*	*Percent*	*MW*	*Percent*	*MW*	*Percent*	*MW*	*Percent*	*MW*
Wind	426.4	0.3%	24.4	0.0%	28,531.0	18.4%	749.3	0.5%	125,210.2	80.8%	154,941.3
Hydro	1,061.6	1.0%	40,931.0	40.0%	24,326.7	23.8%	23,906.6	23.4%	12,014.5	11.8%	102,240.4
Solar	199.2	0.2%	6.3	0.0%	14,671.0	15.1%	298.5	0.3%	82,192.2	84.4%	97,367.2
Biomass fuels	125.9	0.9%	26.7	0.2%	793.0	5.6%	1,684.1	12.0%	11,413.1	81.3%	14,042.8
Geothermal	3.7	0.1%		0.0%	38.1	1.0%	220.0	5.5%	3,747.7	93.5%	4,009.5
Total	**1,816.8**	**0.5%**	**40,988.4**	**11.0%**	**68,359.8**	**18.3%**	**26,858.5**	**7.2%**	**234,577.7**	**63.0%**	**372,601.1**

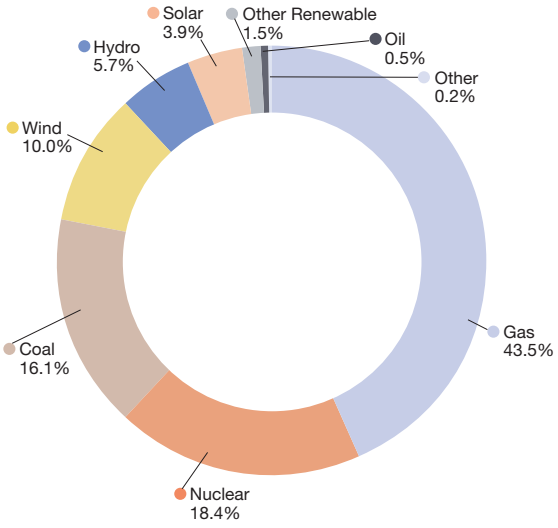
GENERATION AND CAPACITY

U.S. Electric Generation by Fuel Type, 2023

All Utility/Owner Types

Source: Energy Information Administration Form EIA-923, 2023.
Includes states and Puerto Rico only.
Generation, in gigawatt-hours.

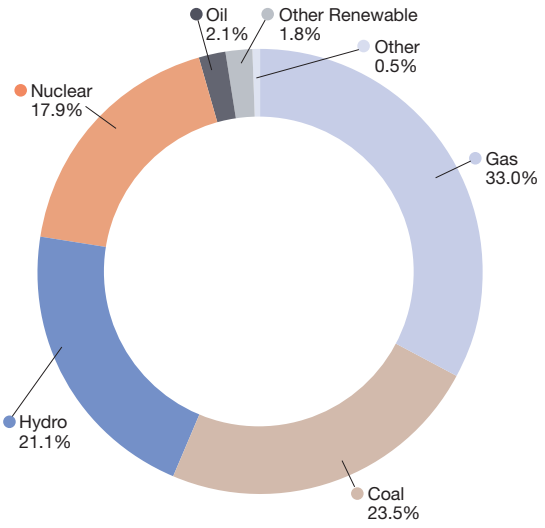
Fuel Type	GWh	Percent of Total
Gas	1,825,464	43.5%
Nuclear	774,873	18.4%
Coal	677,767	16.1%
Wind	421,247	10.0%
Hydro	239,050	5.7%
Solar	165,790	3.9%
Other Renewable	63,567	1.5%
Oil	23,058	0.5%
Other	9,956	0.2%



Public Power

Source: Hitachi Energy Velocity Suite, December 2024. Includes states and Puerto Rico only.
Generation, in megawatt-hours.

Fuel Type	MWh	Percent of Total
Gas	114,414,902	33.0%
Coal	81,402,849	23.5%
Hydro	73,256,345	21.1%
Nuclear	61,926,901	17.9%
Oil	7,218,535	2.1%
Non-Hydro Renewables	6,386,811	1.8%
Other	1,816,852	0.5%



In 2023, approximately 41% of the electricity generated from public power facilities was from non-carbon emitting sources.

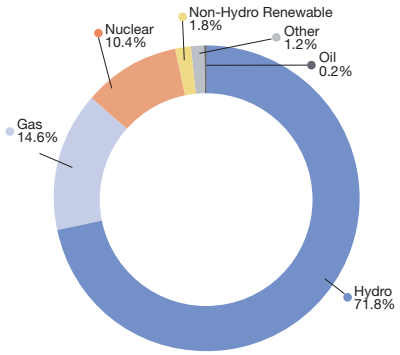
GENERATION AND CAPACITY

Generation by Public Power Utilities by Region, 2023

Source: Hitachi Energy Velocity Suite, December 2024.

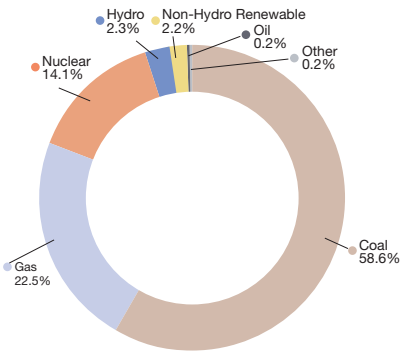
New England - Mid Atlantic

CT, MA, ME, NH, NJ, NY, PA, RI, VT



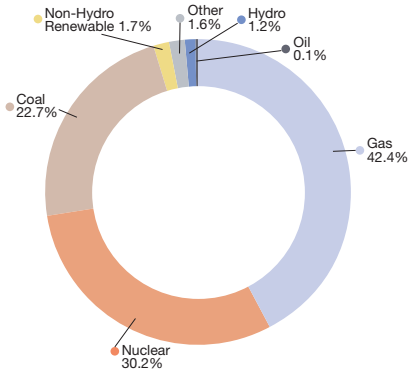
East North Central - West North Central

IA, IL, IN, KS, MI, MN, MO, ND, NE, OH, SD, WI



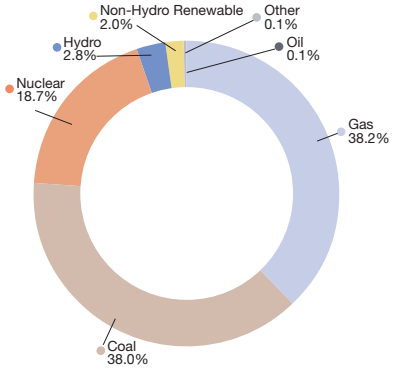
South Atlantic

DE, FL, GA, MD, NC, SC, VA, WV



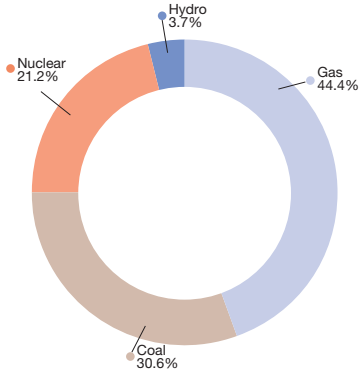
Mountain

AZ, CO, ID, MT, NM, NV, UT, WY



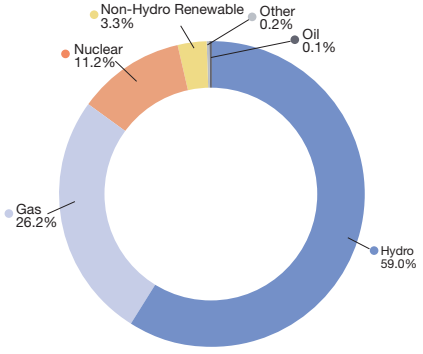
East South Central - West South Central

AL, AR, KY, LA, MS, OK, TN, TX



Pacific

AK, CA, OR, WA



GENERATION AND CAPACITY

Generation from Renewable Energy by Fuel Type, 2023

Source: Energy Information Administration Form EIA-923, 2023.

In gigawatt-hours and as a percent of all renewable generation.

Fuel Type	GWh	Percent
Wind	421,247	47.3%
Hydro	239,050	26.9%
Solar	165,790	18.6%
Biomass Fuels	47,200	5.3%
Geothermal	16,367	1.8%
Total	**889,654**	

PUBLIC POWER CUSTOMERS PAY LESS

As affordability remains top of mind for many consumers, the cost of electricity has been a stressor for many households across the U.S. Public power utilities have a long history of offering their customers lower electricity prices than other utilities.

Nationwide, residential rates increased 7.2% between 2022 and 2023, however, the increase is primarily driven by investor-owned utilities, whose residential rates increased 8.4%, while cooperatives and public power utilities kept their rates relatively flat (less than 1% increase). From 2017 to 2023, the average public power utility residential rate increased by 1.7 cents per kilowatt-hour, whereas residential customers of IOUs saw their rates increase by 3.3 cents per kilowatt-hour.

While it's helpful to look at the average rates, customers will typically be more focused on the affordability of their monthly bill. Here, too, public power customers pay less. In 2023, public power utility residential customers had average electricity bills that were 12% lower than those for customers of investor-owned utilities, and 22% lower than the average bill for a residential customer of a rural electric cooperative. Public power residential customers use less electricity on average than cooperative customers, and slightly more than IOU customers. Not including customer charges and other fees, public power customers paid an average of $14 less than IOU residential customers per month and $26 less than cooperative residential customers per month.

There are a few reasons why residential customers of public power utilities use less electricity than those of rural electric cooperatives. Public power utilities emphasize energy efficiency more than cooperatives, according to EIA data. On the flip side, cooperative customers often have more electrified end uses, in part because they live in more remote areas of the country. As more public power utilities promote electrification, this average usage could change, again shifting public power's relative cost. Overall, public power can continue to help its customers save by guiding them on how they can use energy more efficiently and get the best value from their utility.

Although the comparative rate data may be skewed by Energy Information Administration reporting requirements, which excludes utilities with less than 200,000 MWh in annual sales from needing to provide sales and revenue by customer class, it is likely that full reporting would only further favor public power. Nearly three-quarters of public power utilities qualify to complete the shorter form, while about one-quarter of electric cooperatives report on the shorter form. Based on historical data, public power utilities who report annual data on the short form tend to have lower residential rates than those who report on the longer form, while cooperatives who report on the short form tend to have higher rates than those who report on the long form.

National Average Monthly Bill by Utility Type, 2023

Source: Energy Information Administration Form EIA-861, 2023.

	Investor-Owned Utility	Cooperative	Public Power
Average residential rate per kilowatt-hour (in cents)	16.6	13.2	13.8
Monthly sales (kilowatt-hours per customer)	798.76	1,098.41	860.09
Average monthly customer bill (extrapolated)	$132.51	$145.23	$118.83

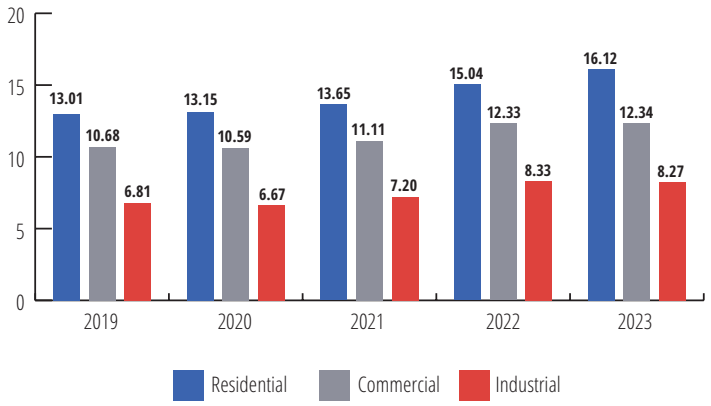
Public power residential customers pay $164 to $317 less per year than customers of other utility types.

SALES AND REVENUE

Average Retail Rates by Customer Class, All Utility Types, 2019-2023

Source: Energy Information Administration Form EIA-861, 2023.

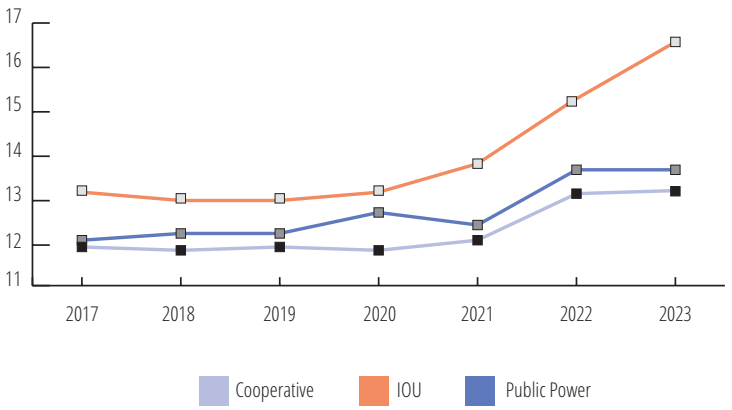
Average revenue per kilowatt-hour, in cents.



Residential Average Revenue per Kilowatt-hour, 2017-2023

Source: Energy Information Administration Form EIA-861, 2017-2023.

Revenue per kilowatt-hour, in cents.



Electric Revenue from Sales to Ultimate Customers, 2023

Source: Energy Information Administration Forms EIA-861 and EIA-861S, 2023.

In millions of dollars.

Utility Type	Full-Service Sales	Energy-Only Sales	Delivery-Only Sales	Total	Percent of Total
Public Power Utilities	$71,714	$1,237	$49	$73,000	14.8%
Investor-Owned Utilities	$249,677	$4	$34,832	$284,513	57.5%
Cooperatives	$56,591	$99	$17	$56,708	11.5%
Federal Power Agencies	$1,256	$0	$0	$1,256	0.3%
Behind-the-Meter	$2,218	$0	$0	$2,218	0.4%
Community Choice Aggregators	$0	$8,250	$0	$8,250	1.7%
Power Marketers	$30,863	$37,805	$0	$68,668	13.9%
TOTAL	**$412,318**	**$47,396**	**$34,898**	**$494,612**	**100.0%**

Energy-only revenue is from a utility's sales of energy outside of its service territory. Delivery-only revenue represents revenue the utility receives from the delivery portion of unbundled (retail choice) sales made to customers in the utility's service territory. Total revenue shows the amount each sector receives from both bundled (full-service) and unbundled (retail choice) sales to ultimate customers.

Public power utilities earn around $73 billion in revenue annually.

PUBLIC POWER IS THE AFFORDABLE CHOICE

Across the U.S., customers of public power utilities pay less than customers of other types of utilities. In 38 states, residential customers of public power utilities have the lowest simulated bill – saving an average of **$22.86 per month** compared to other utility types. In 34 states, public power utilities offer residential customers the lowest average rate.*

Public power has the:

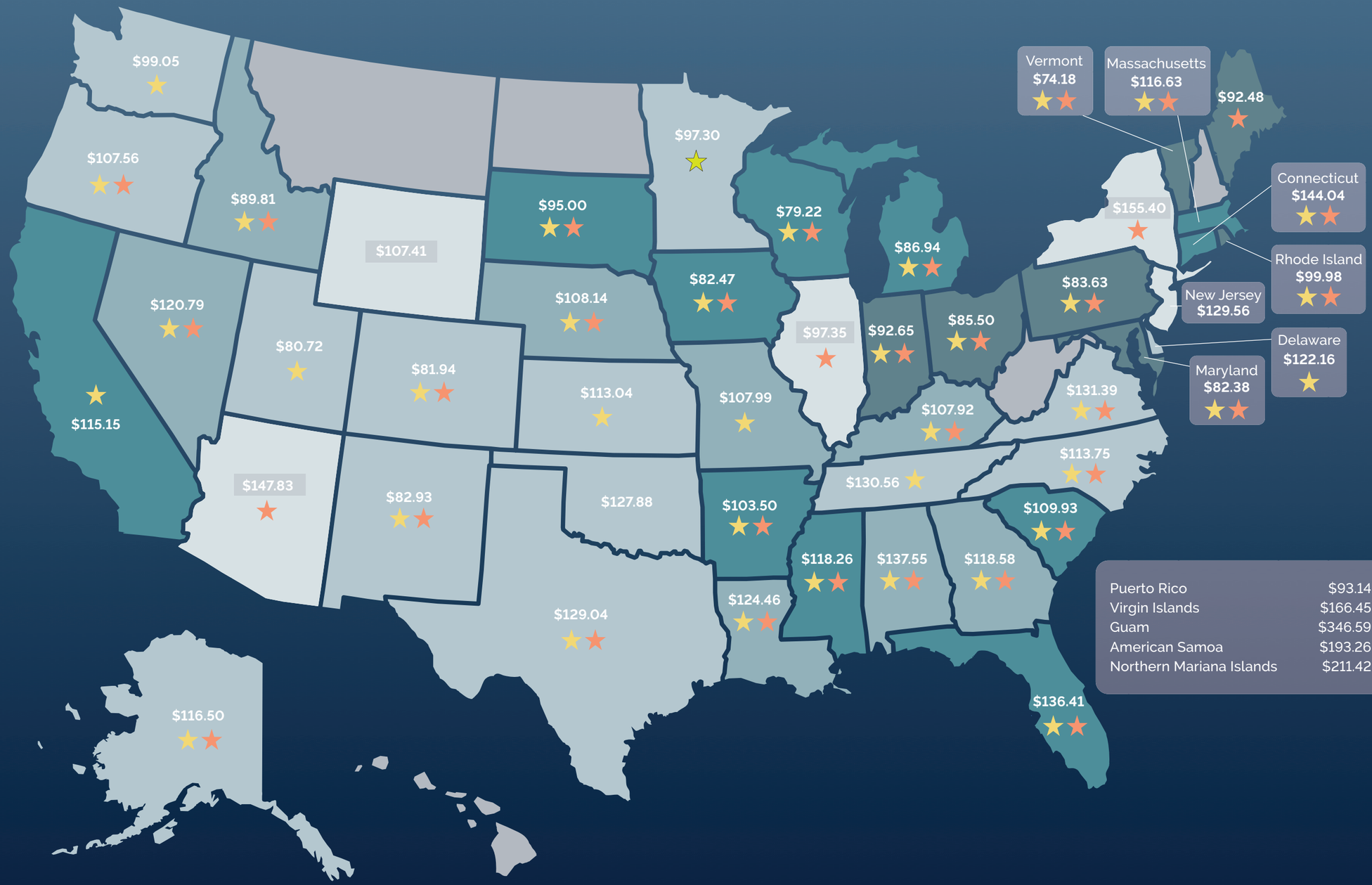
- Lowest average bill out of all utility types
- Lowest average rate out of all utility types

Public power customer average savings

- Savings more than 30%
- Savings between 20-30%
- Savings between 15-20%
- Savings less than 15%
- No Savings
- Not Applicable

*Out of 45 states with public power utilities large enough to report rates by customer class on EIA-861.

Source: Energy Information Administration Form EIA-861, 2023.



SALES AND REVENUE

Utility Sector Rate Comparison by State, 2023

Source: Energy Information Administration Forms EIA-861 and EIA-861S, 2023. Residential, commercial, and industrial rates only include utilities that completed Form EIA-861. Total rates include utilities that completed Forms EIA-861 and EIA-861S.

In cents per kilowatt-hour. Table reflects full-service (bundled) sales for EIA-861 utilities and all sales for EIA-861S utilities.

	Residential			Commercial			Industrial			Total		
	Public	*IOU*	*Co-op*	*Public*	*IOU*	*Co-op*	*Public*	*IOU*	*Co-op*	*Public*	*IOU*	*Co-op*
Alabama	11.8	15.9	14.1	11.6	14.1	12.9	6.8	7.7	7.9	10.7	12.1	12.9
Alaska	11.8	16.3	24.9	11.3	18.1	20.0	9.8	11.4	19.1	19.7	17.4	22.1
American Samoa	44.3	-	-	43.1	-	-	42.1	-	-	43.4	-	-
Arizona	12.6	15.2	14.3	10.2	13.1	12.9	7.0	8.8	10.9	10.8	13.2	13.6
Arkansas	10.1	12.7	12.3	9.6	10.2	11.5	7.7	7.0	6.1	9.3	9.8	9.8
California	20.1	33.4	11.2	18.9	25.9	11.8	14.2	26.0	11.3	18.3	28.8	19.4
Colorado	13.2	14.5	14.4	10.3	11.8	11.7	8.7	8.2	8.7	11.1	12.0	11.8
Connecticut	20.1	31.9	-	17.8	27.1	-	12.6	29.6	-	16.5	30.8	-
Delaware	15.3	15.7	15.0	13.6	15.1	14.4	10.7	6.1	-	12.9	15.4	14.9
District of Columbia	-	15.0	-	-	19.4	-	-	-	-	-	16.9	-
Florida	13.2	15.8	13.4	11.2	12.1	12.4	9.3	9.6	8.8	11.9	14.0	12.6
Georgia	12.6	14.6	12.8	8.6	11.0	10.9	6.8	6.5	8.1	9.3	11.0	11.9
Guam	38.0	-	-	37.8	-	-	-	-	-	37.9	-	-
Hawaii	-	43.9	37.5	-	39.8	37.8	-	35.3	33.8	-	39.2	36.4
Idaho	8.8	11.3	10.4	7.4	9.0	8.5	5.7	7.3	5.4	7.5	9.2	9.0
Illinois	12.7	15.2	15.5	12.0	12.5	13.2	10.1	6.3	10.3	12.1	13.9	14.4
Indiana	12.0	15.2	14.9	11.1	12.7	12.4	9.6	8.2	7.5	11.0	11.4	12.2
Iowa	11.7	13.5	13.1	8.0	10.7	9.7	6.9	6.7	7.8	9.6	9.2	10.7
Kansas	14.0	13.0	13.5	11.6	10.5	11.0	7.1	7.8	7.1	10.6	10.8	10.9
Kentucky	12.3	12.4	13.0	11.4	11.4	11.4	7.6	7.5	6.1	10.6	10.6	9.8
Louisiana	10.2	11.7	11.5	9.4	10.4	12.1	5.7	5.7	8.7	8.4	8.7	11.1
Maine	12.7	27.8	16.8	12.5	22.5	15.3	10.6	18.9	13.0	12.3	26.2	18.0
Maryland	8.9	16.3	14.8	10.1	16.5	12.3	6.0	14.9	11.9	9.2	16.4	13.9
Massachusetts	16.6	33.9	-	16.1	24.0	-	15.3	28.9	-	16.7	31.0	-
Michigan	16.4	19.2	17.5	14.3	13.8	14.3	8.8	8.3	9.2	12.4	14.4	15.1
Minnesota	14.4	15.8	13.9	12.1	13.1	10.7	9.5	9.2	8.5	11.4	12.4	12.3
Mississippi	11.9	13.9	12.9	11.4	12.5	12.6	6.8	7.9	8.1	10.7	11.5	11.9
Missouri	12.2	12.8	12.0	10.4	10.0	11.0	8.7	7.7	7.2	10.8	10.8	11.2
Montana	-	14.4	10.4	-	13.9	8.4	-	8.9	8.3	7.7	13.5	10.0
Nebraska	11.1	-	12.4	8.6	12.3	-	6.9	-	12.4	9.1	-	12.8
Nevada	10.5	17.0	14.8	10.4	13.5	12.1	11.5	11.8	6.3	11.3	14.5	9.5
New Hampshire	-	29.6	26.6	-	28.2	24.8	-	23.3	20.6	16.9	29.1	26.0
New Jersey	17.8	17.5	-	17.5	14.3	-	13.9	8.9	-	16.3	16.0	14.7
New Mexico	13.4	13.6	14.8	12.0	10.4	11.8	7.0	5.1	7.8	10.8	9.1	11.0
New York	21.0	22.3	-	19.2	20.3	-	4.1	8.3	-	18.0	21.3	12.6
North Carolina	12.0	12.9	13.3	10.8	9.3	11.2	7.2	7.1	7.3	10.6	10.3	12.4
North Dakota	-	11.2	10.7	-	7.3	7.5	-	7.8	7.3	8.3	8.4	7.9
Northern Mariana Islands	35.9	-	-	40.2	-	-	-	-	-	38.7	-	-
Ohio	13.2	16.3	15.4	12.5	13.9	13.9	9.6	7.9	9.7	11.4	14.2	13.7
Oklahoma	12.7	12.0	12.0	11.0	8.8	11.2	6.1	6.0	6.9	8.7	9.0	10.5
Oregon	10.1	13.8	10.3	9.0	10.7	8.7	5.9	8.0	6.4	8.1	11.5	8.9
Pennsylvania	10.5	17.6	15.4	10.9	14.9	13.2	11.7	8.0	10.7	13.4	16.7	14.7
Puerto Rico	22.3	-	-	24.5	-	-	23.2	-	-	23.5	-	-
Rhode Island	15.0	27.2	38.7	19.7	16.7	39.4	16.6	28.0	-	15.8	24.4	39.0
South Carolina	12.0	13.7	14.0	10.5	10.8	9.1	5.5	6.9	8.0	8.7	10.5	11.7
South Dakota	10.1	12.9	12.2	9.3	10.9	10.9	7.7	7.7	8.3	9.5	11.0	10.7
Tennessee	12.2	13.8	12.1	11.7	14.6	12.2	6.6	10.2	6.6	11.0	12.2	11.2
Texas	12.5	13.3	12.6	10.3	9.8	11.3	7.4	6.1	8.4	10.9	9.3	11.4
Utah	11.4	11.3	9.0	10.0	8.1	8.4	6.7	6.9	9.0	10.3	8.8	8.9
Vermont	18.0	21.0	22.8	16.9	18.3	17.6	12.6	10.6	13.0	16.6	17.4	19.7
Virgin Islands	33.2	-	-	43.5	-	-	41.2	-	-	38.4	-	-
Virginia	13.6	14.3	14.4	11.7	9.2	7.8	8.5	9.4	8.7	11.9	10.9	10.6
Washington	9.9	12.6	9.5	8.6	12.1	8.3	5.5	9.2	6.9	8.3	12.1	8.8
West Virginia	-	14.0	-	-	11.0	-	-	7.2	-	11.7	10.2	16.0
Wisconsin	12.4	17.6	15.3	10.9	13.0	11.9	8.0	8.8	7.9	10.3	13.0	13.4
Wyoming	12.2	12.1	9.4	9.5	9.0	8.0	-	6.6	7.8	11.5	8.0	8.9

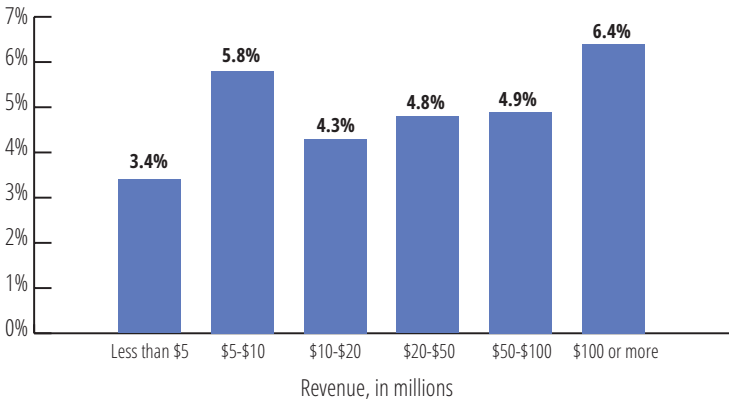
PUBLIC POWER PAYS

Public power utilities are not beholden to any shareholders and are driven only by the mission to serve their customers and their community. In addition to providing electricity, public power utilities provide a direct benefit to their communities in the form of payments and contributions to state and local government. These contributions come in many forms — property-like taxes, payments in lieu of taxes, transfers to the general fund, and free or reduced cost services provided to states and cities. The total value of these contributions is not always recognized, as some utilities do not quantify all their payments and contributions.

In 2022, public power utilities contributed a median of **5.1% of electric operating revenues** to the communities they serve, according to an APPA survey of 197 public power utilities. In comparison, investor-owned utilities paid a median of 4.7% of electric operating revenues in taxes and fees to state and local governments in 2022. When all 2022 taxes, tax equivalents, and other contributions to state and local government are considered, the contribution of public power utilities — as a percentage of electric operating revenues — is 9% higher than that of investor-owned utilities.

Median Net Payments and Contributions by Public Power Utilities as Percent of Electric Operating Revenue, 2022

Source: American Public Power Association Survey of Public Power Tax Payments and Contributions, 2024.



Median Net Payments and Contributions by Revenue Class, 2022

Source: American Public Power Association Survey of Public Power Tax Payments and Contributions, 2024 and FERC Form 1, 2022.

	Investor-Owned Utility	Public Power
Large Utilities (over $100 million)	4.8%	6.4%
Small Utilities (under $100 million)	3.0%	4.8%

Public power utility payments and contributions to their communities are 9% higher than the median taxes and fees paid by IOUs.

PUBLIC POWER PAYS

The 171 utilities that completed the survey that are not served by the Tennessee Valley Authority (where utilities must limit payments and contributions under the terms of their wholesale power contract), made $1.478 billion in total payments and contributions to their state and local governments in 2022. Payments in lieu of taxes were the largest share of payments and contributions, followed by other taxes and fees.

Net Payments and Contributions to State and Local Government, 2022

Source: American Public Power Association Survey of Public Power Tax Payments and Contributions, 2024.

	Amount (Million $)	Percent of Total
Payments in Lieu of Taxes	991.1	67.1%
Other Taxes and Fees	265.0	17.9%
Gross Receipts Tax	162.8	11.0%
Free or Reduced Cost Electric Services	46.8	3.2%
Use of Employees	6.9	0.5%
Use of Vehicles, Equipment, Materials & Supplies	5.4	0.4%
Total	**1,478.0**	

Types of Payments and Contributions Provided, 2022

Source: American Public Power Association Survey of Public Power Tax Payments and Contributions, 2024.

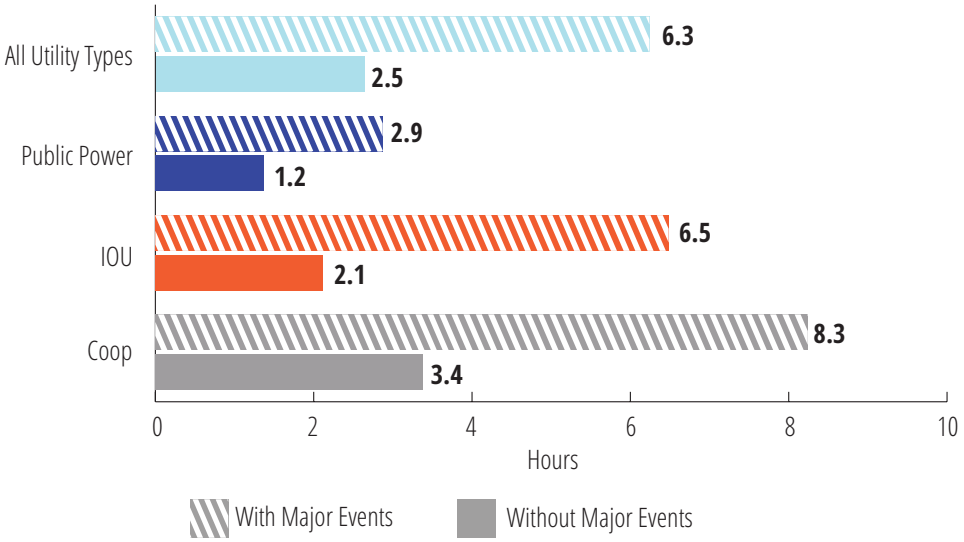
	Percent of Utilities	Number of Utilities
I. Payments & Contributions Provided		
Payments in Lieu of Taxes	90.6%	155
Taxes and Fees	48.0%	82
Gross Receipts Tax	28.1%	48
State Public Utility Assessments	19.3%	33
Property Taxes	18.1%	31
Franchise Fees	11.1%	19
Other	9.4%	16
Free or Reduced Cost Electric Service	35.1%	60
Streetlighting	29.8%	51
Lighting for Municipal Buildings	14.6%	25
Traffic Signals	12.9%	22
Recreational Facilities	11.7%	20
Water or Sewer Treatment Facilities	7.6%	13
Water Pumping	6.4%	11
Other	11.7%	20
Other Resources	28.1%	48
Use of Vehicles & Equipment	20.5%	35
Use of Materials & Supplies	8.2%	14
Other	8.2%	14

	Percent of Utilities	Number of Utilities
Use of Employees	55.0%	94
Putting Up City Signs & Banners	33.3%	57
Installation of Temporary Lighting	28.1%	48
Tree Trimming for Other Departments	18.1%	31
Traffic Signal Maintenance	17.5%	30
Electrical Repair for Other Departments	14.6%	25
Technical Expertise	8.8%	15
Rewiring Municipal Buildings	6.4%	11
Reading Water Meters	3.5%	6
Non-Utility Locates	2.9%	5
Other Services	21.1%	36
II. Services & Contributions RECEIVED	15.8%	27
Use of Employees	10.5%	18
Use of Vehicles & Equipment	6.4%	11
Free or Reduced Cost Service	2.9%	5
Use of Materials & Supplies	1.8%	3

RELIABILITY

Average Duration of Electric Outages by Utility Type, 2023

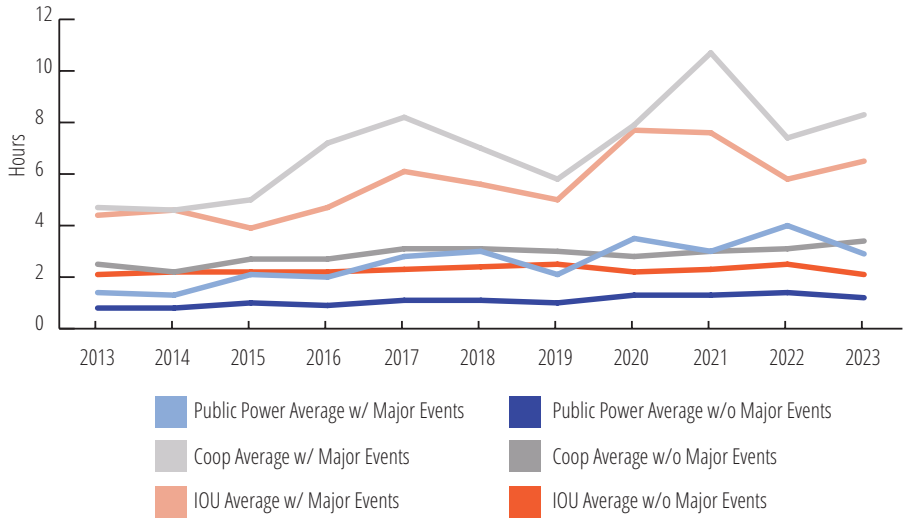
Source: Energy Information Administration Form EIA-861, 2023.
System average interruption duration index (SAIDI), IEEE standard, in hours.



Public power customers experienced the shortest average outage time – getting power back an average of 90 minutes sooner outside of major events compared to customers of other utility types.

Average Duration of Electric Outages by Utility Type, 2013-2023

Source: Energy Information Administration Form EIA-861.
System average interruption duration index (SAIDI), IEEE standard, in hours.



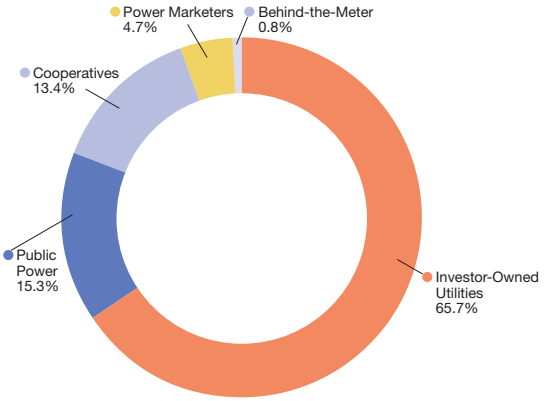
From 2013-2023, public power customers experienced an average of 72 minutes less outage time not during major events per year than customers of IOUs and 108 minutes less outage time than customers of coops.

INDUSTRY STATISTICS

Number of Customers by Utility Type, 2023

Source: Energy Information Administration Forms EIA-861 and EIA-861S, 2023.

	Full-Service Customers	Delivery-Only Customers	Total	Percent
Investor-Owned Utilities	92,121,126	16,126,242	108,247,368	65.7%
Public Power	25,201,269	425	25,201,694	15.3%
Cooperatives	22,077,010	5,442	22,082,452	13.4%
Power Marketers	7,812,969		7,812,969	4.7%
Behind-the-Meter	1,370,288		1,370,288	0.8%
Federal Power Agencies	41,245		41,245	0.0%
TOTAL	**148,623,907**	**16,132,109**	**164,756,016**	



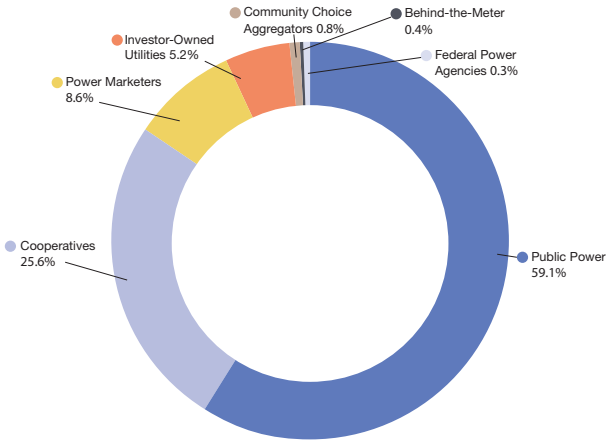
Delivery-only customers represent the number of customers in a utility's service territory that purchase energy from an alternative supplier. Behind-the-meter entities install, own, and/or operate systems (usually solar PV), and sell, under a long-term power purchase agreement or lease, all the production from the system to the homeowner or business with which there is a net metering agreement.

Based on the average number of people per household in 2023, per the U.S. Census Bureau, public power utilities provide electricity to more than 55 million people.

Number of Providers by Utility Type

Source: Energy Information Administration Forms EIA-861 and EIA-861S, 2023.

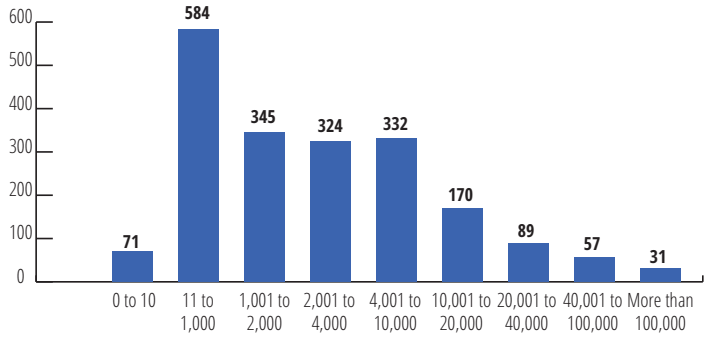
Utility Type	Number	Percent
Public Power	2,003	59.1%
Cooperatives	866	25.6%
Power Marketers	293	8.6%
Investor-Owned Utilities	177	5.2%
Community Choice Aggregators	26	0.8%
Behind-the-Meter	13	0.4%
Federal Power Agencies	10	0.3%
TOTAL	**3,388**	



INDUSTRY STATISTICS

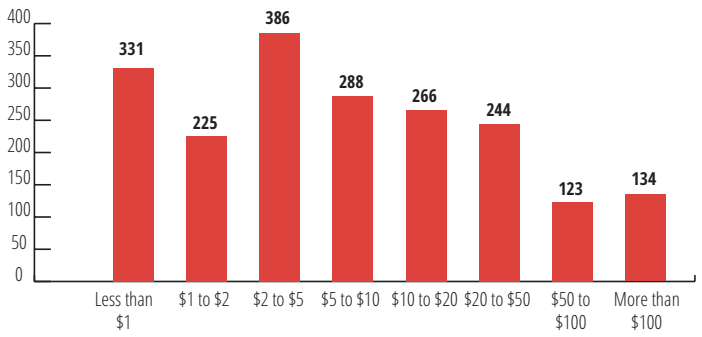
Distribution of Public Power Utilities by Customer Count, 2023

Source: Energy Information Administration Forms EIA-861 and EIA-861S, 2023.
Organizations with less than 10 customers include joint action agencies and other wholesale utilities.



Distribution of Public Power Utilities by Revenue Class, 2023

Source: Energy Information Administration Forms EIA-861 and EIA-861S, 2023.
Revenue in millions. Includes joint action agencies.



INDUSTRY STATISTICS

100 Largest Public Power Utilities by Generation, 2023

Source: Energy Information Administration Form EIA-861, 2023. Net generation in megawatt-hours.

1	Salt River Project	AZ	32,706,437
2	New York Power Authority	NY	26,924,316
3	CPS Energy	TX	24,864,732
4	Santee Cooper (South Carolina Public Service Authority)	SC	19,929,658
5	Los Angeles Department of Water & Power	CA	18,177,234
6	Nebraska Public Power District	NE	16,069,825
7	Lower Colorado River Authority	TX	14,672,764
8	Puerto Rico Electric Power Authority	PR	12,077,654
9	MEAG Power	GA	11,125,819
10	JEA	FL	10,387,873
11	Energy Northwest	WA	8,690,584
12	American Municipal Power	OH	8,484,551
13	Florida Municipal Power Agency	FL	8,461,033
14	Omaha Public Power District	NE	7,959,596
15	Grant County, Public Utility District No. 2 of	WA	7,936,470
16	Chelan County Public Utility District No. 1	WA	7,341,242
17	Sacramento Municipal Utility District	CA	7,270,858
18	Austin Energy	TX	7,101,740
19	Southern California Public Power Authority	CA	6,956,580
20	North Carolina Municipal Power Agency No. 1	NC	6,874,677
21	Orlando Utilities Commission	FL	6,249,593
22	Grand River Dam Authority	OK	5,818,006
23	Seattle City Light	WA	4,587,434
24	Intermountain Power Agency	UT	4,448,880
25	Silicon Valley Power	CA	3,932,810
26	California Department of Water Resources	CA	3,769,906
27	Douglas County, Public Utility District No. 1 of	WA	3,498,318
28	Indiana Municipal Power Agency	IN	3,354,275
29	Colorado Springs Utilities	CO	3,347,830
30	Tallahassee Electric Utility, City of	FL	3,053,713
31	Illinois Municipal Electric Agency	IL	2,798,653
32	Turlock Irrigation District	CA	2,651,582
33	Oklahoma Municipal Power Authority	OK	2,413,024
34	Piedmont Municipal Power Agency	SC	2,398,145
35	Springfield, City Utilities of	MO	2,173,453
36	Yuba County Water Agency	CA	2,020,787
37	Tacoma Public Utilities	WA	2,014,943
38	Lakeland Electric	FL	1,972,725
39	Long Island Power Authority	NY	1,950,852
40	Platte River Power Authority	CO	1,885,142
41	Gainesville Regional Utilities	FL	1,860,552
42	Clark Public Utilities	WA	1,828,598
43	Guam Power Authority	GU	1,542,751
44	Massachusetts Municipal Wholesale Electric Co.	MA	1,520,744
45	Lansing Board of Water & Light	MI	1,448,001
46	IID Energy	CA	1,378,932
47	San Francisco (Hetch Hetchy Water & Power), City of	CA	1,375,898
48	Southern Minnesota Municipal Power Agency	MN	1,336,715
49	Lincoln Electric System	NE	1,306,930
50	Western Minnesota Municipal Power Agency	MN	1,297,611
51	Sikeston Board of Municipal Utilities	MO	1,270,693
52	Minnesota Municipal Power Agency	MN	1,202,145
53	Placer County Water Agency	CA	1,189,242
54	WPPI Energy	WI	1,164,433
55	Utah Municipal Power Agency	UT	1,046,603
56	Holland Board of Public Works	MI	992,682
57	Metropolitan Water District of Southern California	CA	979,775
58	Michigan Public Power Agency	MI	958,582
59	Utah Associated Municipal Power Systems	UT	939,451
60	Dalton Utilities	GA	825,468
61	Kings River Conservation District	CA	781,710
62	Northern Municipal Power Agency	MN	781,028
63	Kansas City Board of Public Utilities	KS	776,421
64	Lafayette Public Power Authority	LA	739,812
65	Jonesboro City Water & Light	AR	735,599
66	Tri-Dam Project	CA	686,695
67	Virgin Islands Water & Power Authority	VI	682,190
68	Springfield City Water, Light & Power	IL	680,922
69	Brownsville Public Utilities Board	TX	670,035
70	NMPP Energy: Municipal Energy Agency of Nebraska	NE	659,031
71	Muscatine Power & Water	IA	619,364
72	Fremont Department of Utilities	NE	565,100
73	Modesto Irrigation District	CA	546,216
74	Farmington, City of	NM	542,529
75	South Feather Water and Power Agency	CA	492,662
76	Burbank Water and Power	CA	484,292
77	Hastings, City of	NE	483,339
78	Louisiana Energy and Power Authority	LA	478,433
79	West Memphis, City of	AR	395,271
80	Redding, City of	CA	387,322
81	Pend Oreille County, Public Utility District No. 1 of	WA	385,322
82	Rochelle Municipal Utilities	IL	374,129
83	Grand Island, City of	NE	363,350
84	Roseville Electric	CA	344,468
85	Holyoke Gas & Electric	MA	337,307
86	Independence Power & Light	MO	334,227
87	Vernon, City of	CA	332,387
88	Ames, City of	IA	328,637
89	Merced Irrigation District	CA	309,817
90	Denton Municipal Electric	TX	309,654
91	Snohomish County, Public Utility District No. 1 of	WA	301,349
92	Eugene Water & Electric Board	OR	290,961
93	Nevada Irrigation District	CA	283,843
94	Central Nebraska Public Power & Irrigation District	NE	228,038
95	Gillette, City of	WY	225,712
96	Altus Municipal Authority	OK	216,794
97	Toledo Bend Project	TX	212,312
98	Lehi City	UT	202,774
99	Farmington, City of	MO	197,948
100	Manitowoc Public Utilities	WI	196,844

INDUSTRY STATISTICS

100 Largest Public Power Utilities by Electric Revenues, 2023

Source: Energy Information Administration Form EIA-861, 2023. Revenues from sales to ultimate customers and sales for resale. Revenues in thousands of dollars.

1	Los Angeles Department of Water & Power	CA	$4,617,077
2	Salt River Project	AZ	$3,954,094
3	Puerto Rico Electric Power Authority	PR	$3,908,682
4	Long Island Power Authority	NY	$3,713,716
5	CPS Energy	TX	$3,061,508
6	Santee Cooper (South Carolina Public Service Authority)	SC	$1,825,125
7	Sacramento Municipal Utility District	CA	$1,794,175
8	New York Power Authority	NY	$1,772,905
9	Austin Energy	TX	$1,567,440
10	JEA	FL	$1,447,096
11	Nashville Electric Service	TN	$1,415,903
12	Omaha Public Power District	NE	$1,382,643
13	Memphis Light, Gas and Water Division	TN	$1,378,164
14	Seattle City Light	WA	$1,179,730
15	American Municipal Power	OH	$1,051,940
16	Nebraska Public Power District	NE	$1,046,429
17	Southern California Public Power Authority	CA	$1,020,951
18	MEAG Power	GA	$845,066
19	Orlando Utilities Commission	FL	$818,773
20	Snohomish County, Public Utility District No. 1 of	WA	$740,851
21	Lower Colorado River Authority	TX	$738,065
22	IID Energy	CA	$617,665
23	Silicon Valley Power	CA	$611,982
24	Knoxville Utilities Board	TN	$607,824
25	Grant County, Public Utility District No. 2 of	WA	$604,432
26	Florida Municipal Power Agency	FL	$592,689
27	EPB - Chattanooga Electric Power Board	TN	$585,915
28	Grand River Dam Authority	OK	$579,919
29	Energy Northwest	WA	$569,448
30	Huntsville Utilities	AL	$555,120
31	Guam Power Authority	GU	$548,681
32	North Carolina Eastern Municipal Power Agency	NC	$528,431
33	Tacoma Public Utilities	WA	$496,126
34	Colorado Springs Utilities	CO	$491,899
35	Chelan County Public Utility District No. 1	WA	$476,777
36	WPPI Energy	WI	$472,380
37	Indiana Municipal Power Agency	IN	$460,953
38	North Carolina Municipal Power Agency No. 1	NC	$440,755
39	Clark Public Utilities	WA	$427,365
40	Modesto Irrigation District	CA	$416,322
41	Turlock Irrigation District	CA	$413,850
42	Anaheim Public Utilities	CA	$383,910
43	Lakeland Electric	FL	$371,895
44	Lubbock Power & Light	TX	$344,904
45	Riverside Public Utilities, City of	CA	$338,642
46	Lansing Board of Water & Light	MI	$331,816
47	Lincoln Electric System	NE	$329,388
48	Springfield, City Utilities of	MO	$326,492
49	Garland, City of	TX	$318,575
50	Gainesville Regional Utilities	FL	$316,823
51	Tallahassee Electric Utility, City of	FL	$309,651
52	Intermountain Power Agency	UT	$300,260
53	Illinois Municipal Electric Agency	IL	$294,656
54	Eugene Water & Electric Board	OR	$290,300
55	Kansas City Board of Public Utilities	KS	$281,726
56	Platte River Power Authority	CO	$279,401
57	Massachusetts Municipal Wholesale Electric Co.	MA	$268,207
58	Michigan Public Power Agency	MI	$262,702
59	Virgin Islands Water & Power Authority	VI	$249,349
60	Utah Associated Municipal Power Systems	UT	$246,918
61	Alabama Municipal Electric Authority	AL	$239,258
62	Glendale Water & Power	CA	$238,623
63	Piedmont Municipal Power Agency	SC	$237,544
64	Pasadena Water and Power Department	CA	$235,978
65	Southern Minnesota Municipal Power Agency	MN	$233,465
66	Cowlitz County, Public Utility District No. 1 of	WA	$232,091
67	Lafayette Utilities System	LA	$231,257
68	Kissimmee Utility Authority	FL	$231,091
69	Fayetteville Public Works Commission	NC	$214,120
70	BrightRidge	TN	$210,658
71	San Francisco (Hetch Hetchy Water & Power), City of	CA	$208,125
72	Bryan Texas Utilities	TX	$207,301
73	Burbank Water and Power	CA	$205,741
74	New Braunfels Utilities	TX	$201,341
75	Dalton Utilities	GA	$201,135
76	Missouri River Energy Services	SD	$199,430
77	Vernon, City of	CA	$198,303
78	Lenoir City Utilities Board	TN	$196,897
79	Denton Municipal Electric	TX	$195,419
80	Brownsville Public Utilities Board	TX	$192,929
81	Cleveland Public Power	OH	$192,685
82	CDE Lightband	TN	$189,730
83	Springfield City Water, Light & Power	IL	$189,108
84	Roseville Electric	CA	$183,408
85	Oklahoma Municipal Power Authority	OK	$182,725
86	Minnesota Municipal Power Agency	MN	$178,855
87	Sevier County Electric System	TN	$174,917
88	Greenville Utilities Commission	NC	$170,743
89	Rochester Public Utilities	MN	$169,429
90	Utah Municipal Power Agency	UT	$160,817
91	Fort Collins Utilities	CO	$155,139
92	Palo Alto, City of	CA	$154,777
93	Athens, City of	AL	$153,734
94	Riviera Utilities	AL	$153,396
95	Vinton Public Power Authority	LA	$152,935
96	Jackson Energy Authority	TN	$150,907
97	Independence Power & Light	MO	$145,467
98	Benton PUD	WA	$144,758
99	Redding, City of	CA	$140,478
100	Naperville Department of Public Utilities	IL	$139,581

INDUSTRY STATISTICS

100 Largest Public Power Utilities by Electric Customers Served, 2023

Source: Energy Information Administration Form EIA-861, 2023. Ultimate customers served.

1	Puerto Rico Electric Power Authority	PR	1,507,713
2	Los Angeles Department of Water & Power	CA	1,500,208
3	Long Island Power Authority	NY	1,155,211
4	Salt River Project	AZ	1,141,630
5	CPS Energy	TX	938,628
6	Sacramento Municipal Utility District	CA	656,481
7	Austin Energy	TX	544,400
8	JEA	FL	515,515
9	Seattle City Light	WA	503,221
10	Nashville Electric Service	TN	451,476
11	Memphis Light, Gas and Water Division	TN	414,530
12	Omaha Public Power District	NE	407,443
13	Snohomish County, Public Utility District No. 1 of	WA	377,261
14	Orlando Utilities Commission	FL	275,338
15	Colorado Springs Utilities	CO	253,193
16	Clark Public Utilities	WA	235,481
17	Knoxville Utilities Board	TN	216,175
18	Santee Cooper (South Carolina Public Service Authority)	SC	209,311
19	Tacoma Public Utilities	WA	196,833
20	EPB - Chattanooga Electric Power Board	TN	196,376
21	Huntsville Utilities	AL	196,014
22	IID Energy	CA	163,579
23	Lincoln Electric System	NE	150,322
24	Lakeland Electric	FL	134,647
25	Modesto Irrigation District	CA	132,803
26	Anaheim Public Utilities	CA	123,212
27	Springfield, City Utilities of	MO	120,554
28	Tallahassee Electric Utility, City of	FL	113,300
29	Riverside Public Utilities, City of	CA	112,764
30	Lubbock Power & Light	TX	110,848
31	Gainesville Regional Utilities	FL	103,864
32	Lansing Board of Water & Light	MI	99,449
33	Eugene Water & Electric Board	OR	98,716
34	Turlock Irrigation District	CA	95,053
35	Nebraska Public Power District	NE	93,830
36	Glendale Water & Power	CA	90,578
37	Kissimmee Utility Authority	FL	87,457
38	Fayetteville Public Works Commission	NC	85,387
39	CDE Lightband	TN	83,495
40	BrightRidge	TN	83,278
41	Fort Collins Utilities	CO	79,036
42	Garland, City of	TX	74,889
43	Lenoir City Utilities Board	TN	74,767
44	Greenville Utilities Commission	NC	72,994
45	Cleveland Public Power	OH	72,917
46	Lafayette Utilities System	LA	71,521
47	Springfield City Water, Light & Power	IL	70,331
48	Roseville Electric	CA	68,351
49	Kansas City Board of Public Utilities	KS	67,713
50	Pasadena Water and Power Department	CA	66,719
51	Bryan Texas Utilities	TX	66,702
52	Denton Municipal Electric	TX	62,556
53	Naperville Department of Public Utilities	IL	62,556
54	Sevier County Electric System	TN	61,951
55	Rochester Public Utilities	MN	59,088
56	Independence Power & Light	MO	58,694
57	Benton PUD	WA	57,263
58	Ocala Utility Services, City of	FL	57,113
59	Silicon Valley Power	CA	57,011
60	Riviera Utilities	AL	56,193
61	Athens, City of	AL	55,923
62	Grant County, Public Utility District No. 2 of	WA	55,012
63	Virgin Islands Water & Power Authority	VI	54,432
64	New Braunfels Utilities	TX	54,124
65	Brownsville Public Utilities Board	TX	54,080
66	Burbank Water and Power	CA	53,729
67	Cowlitz County, Public Utility District No. 1 of	WA	53,155
68	Guam Power Authority	GU	53,010
69	Columbia Water & Light	MO	52,016
70	Florence Utilities	AL	51,865
71	Chelan County Public Utility District No. 1	WA	49,579
72	College Station, City of	TX	45,496
73	Grays Harbor County, Public Utility District No. 1 of	WA	45,223
74	Farmington, City of	NM	44,935
75	Redding, City of	CA	44,536
76	High Point, City of	NC	43,822
77	Navajo Tribal Utility Authority	AZ	43,762
78	Edmond, City of	OK	43,320
79	Longmont Power & Communications	CO	43,268
80	Danville Department of Utilities	VA	42,745
81	Marietta Board of Lights & Water	GA	42,330
82	Central Lincoln People's Utility District	OR	41,350
83	Loveland Water & Power	CO	41,268
84	Provo City Power	UT	40,894
85	Rock Hill, City of	SC	40,767
86	Greeneville Light & Power System	TN	40,349
87	Jonesboro City Water & Light	AR	40,224
88	Taunton Municipal Lighting Plant	MA	40,152
89	North Little Rock, City of	AR	39,873
90	Dickson Electric System	TN	38,376
91	Jackson Energy Authority	TN	37,991
92	Alameda Municipal Power	CA	37,050
93	Wilson Energy	NC	36,199
94	Mason County Public Utility District No. 3	WA	35,985
95	Beaches Energy Services	FL	35,978
96	Columbia Power & Water Systems	TN	35,567
97	Lewis County, Public Utility District No. 1 of	WA	34,809
98	Anderson Municipal Light & Power	IN	34,785
99	Bristol Tennessee Essential Services	TN	34,211
100	Clallam County, Public Utility District No. 1 of	WA	33,931

INDUSTRY STATISTICS

100 Largest Public Power Utilities by Megawatt-Hour Sales, 2023

Source: Energy Information Administration Form EIA-861, 2023. Sales to ultimate customers and sales for resale.

1	Salt River Project	AZ	40,771,085
2	New York Power Authority	NY	39,575,470
3	CPS Energy	TX	30,796,919
4	Santee Cooper (South Carolina Public Service Authority)	SC	26,174,800
5	Los Angeles Department of Water & Power	CA	21,058,495
6	Nebraska Public Power District	NE	19,320,671
7	Long Island Power Authority	NY	17,475,512
8	Puerto Rico Electric Power Authority	PR	16,653,903
9	Omaha Public Power District	NE	15,697,592
10	Lower Colorado River Authority	TX	15,563,778
11	Austin Energy	TX	15,068,340
12	American Municipal Power	OH	14,733,704
13	Sacramento Municipal Utility District	CA	14,247,501
14	Southern California Public Power Authority	CA	13,795,945
15	MEAG Power	GA	12,669,133
16	Memphis Light, Gas and Water Division	TN	12,631,568
17	JEA	FL	12,357,723
18	Nashville Electric Service	TN	11,552,367
19	Chelan County Public Utility District No. 1	WA	10,759,556
20	Seattle City Light	WA	10,593,094
21	Grant County, Public Utility District No. 2 of	WA	10,193,323
22	Grand River Dam Authority	OK	9,141,875
23	Energy Northwest	WA	8,690,584
24	Florida Municipal Power Agency	FL	8,540,438
25	Orlando Utilities Commission	FL	8,428,766
26	Snohomish County, Public Utility District No. 1 of	WA	8,268,290
27	North Carolina Eastern Municipal Power Agency	NC	7,290,772
28	North Carolina Municipal Power Agency No. 1	NC	7,128,604
29	Indiana Municipal Power Agency	IN	6,356,275
30	WPPI Energy	WI	5,744,375
31	Tacoma Public Utilities	WA	5,705,284
32	Knoxville Utilities Board	TN	5,684,642
33	EPB - Chattanooga Electric Power Board	TN	5,499,112
34	Garland, City of	TX	5,491,061
35	Clark Public Utilities	WA	5,370,775
36	Huntsville Utilities	AL	5,063,802
37	Colorado Springs Utilities	CO	4,777,284
38	Silicon Valley Power	CA	4,481,136
39	Intermountain Power Agency	UT	4,448,880
40	Platte River Power Authority	CO	4,388,937
41	Modesto Irrigation District	CA	4,144,161
42	Springfield, City Utilities of	MO	4,128,448
43	Cowlitz County, Public Utility District No. 1 of	WA	4,104,045
44	Lincoln Electric System	NE	4,035,689
45	Douglas County, Public Utility District No. 1 of	WA	3,995,128
46	Minnesota Municipal Power Agency	MN	3,931,100
47	Missouri River Energy Services	SD	3,677,349
48	Illinois Municipal Electric Agency	IL	3,643,349
49	IID Energy	CA	3,529,635
50	Utah Associated Municipal Power Systems	UT	3,362,906
51	Eugene Water & Electric Board	OR	3,325,134
52	Lakeland Electric	FL	3,286,895
53	Dalton Utilities	GA	3,261,719
54	Alabama Municipal Electric Authority	AL	3,203,298
55	Turlock Irrigation District	CA	3,200,859
56	Tallahassee Electric Utility, City of	FL	3,105,797
57	Southern Minnesota Municipal Power Agency	MN	2,982,043
58	Michigan Public Power Agency	MI	2,962,189
59	Massachusetts Municipal Wholesale Electric Co.	MA	2,945,353
60	Lafayette Utilities System	LA	2,932,729
61	Sam Rayburn Municipal Power Agency	TX	2,887,643
62	Oklahoma Municipal Power Authority	OK	2,864,712
63	Lansing Board of Water & Light	MI	2,718,443
64	Vinton Public Power Authority	LA	2,681,943
65	Lubbock Power & Light	TX	2,592,961
66	Denton Municipal Electric	TX	2,591,221
67	Anaheim Public Utilities	CA	2,509,084
68	Piedmont Municipal Power Agency	SC	2,448,503
69	Bryan Texas Utilities	TX	2,259,355
70	Kansas City Board of Public Utilities	KS	2,177,228
71	Utah Municipal Power Agency	UT	2,164,320
72	Riverside Public Utilities, City of	CA	2,059,767
73	Yuba County Water Agency	CA	2,020,787
74	Benton PUD	WA	1,954,874
75	Fayetteville Public Works Commission	NC	1,938,246
76	NMPP Energy: Municipal Energy Agency of Nebraska	NE	1,919,511
77	Gainesville Regional Utilities	FL	1,915,086
78	Brownsville Public Utilities Board	TX	1,864,428
79	BrightRidge	TN	1,846,288
80	Lenoir City Utilities Board	TN	1,784,466
81	Kansas Municipal Energy Agency	KS	1,781,780
82	Kissimmee Utility Authority	FL	1,777,444
83	New Braunfels Utilities	TX	1,769,228
84	Greenville Utilities Commission	NC	1,720,970
85	Sikeston Board of Municipal Utilities	MO	1,652,768
86	Louisiana Energy and Power Authority	LA	1,634,308
87	Jackson Energy Authority	TN	1,630,232
88	CDE Lightband	TN	1,585,322
89	San Francisco (Hetch Hetchy Water & Power), City of	CA	1,581,507
90	Sevier County Electric System	TN	1,550,786
91	Muscatine Power & Water	IA	1,527,026
92	Cleveland Public Power	OH	1,513,494
93	Athens, City of	AL	1,508,594
94	Pend Oreille County, Public Utility District No. 1 of	WA	1,495,242
95	Springfield City Water, Light & Power	IL	1,495,155
96	Jonesboro City Water & Light	AR	1,459,302
97	Fort Collins Utilities	CO	1,447,914
98	Guam Power Authority	GU	1,447,602
99	Virginia Municipal Electric Association No. 1	VA	1,401,149
100	Marietta Board of Lights & Water	GA	1,399,362

PUBLIC POWER DATA BY STATE AND TERRITORY, 2023

Source: Energy Information Administration Forms EIA-861 and EIA-861S, 2023.

State/Territory	Public Power Utilities	Ultimate Customers	Sales to Ultimate Customers *(MWh)*	Revenue from Sales to Ultimate Customers *(In thousands of dollars)*	Generation *(MWh)*
Alabama	37	599,416	16,702,632	1,789,361	47,782.0
Alaska	34	29,074	601,175	118,526	276,480.0
American Samoa	1	12,496	156,231	67,787	176,429.0
Arizona	29	1,261,264	35,394,038	3,822,700	32,708,312.0
Arkansas	15	213,152	6,024,772	560,049	1,444,656.0
California	60	3,416,665	60,176,200	11,022,774	54,542,535.0
Colorado	30	498,048	8,809,067	977,677	5,258,941.0
Connecticut	9	76,445	1,723,520	284,548	6,321.0
Delaware	9	76,105	1,988,278	257,322	18,308.0
Florida	33	1,571,761	37,305,146	4,443,092	31,982,654.0
Georgia	53	354,067	14,963,937	1,389,631	11,994,915.0
Guam	1	53,010	1,447,602	548,681	1,542,751.0
Idaho	11	51,087	1,302,125	97,579	192,822.0
Illinois	43	279,019	6,226,043	751,728	4,276,884.0
Indiana	73	270,900	7,478,204	820,979	3,354,278.0
Iowa	135	220,970	5,562,979	532,818	1,142,658.0
Kansas	118	243,342	7,194,305	764,843	1,014,871.0
Kentucky	29	214,678	5,799,085	612,109	17,609.0
Louisiana	24	174,064	7,211,725	607,452	1,494,359.0
Maine	5	17,232	233,624	28,777	-
Maryland	5	35,285	669,486	61,866	-1,965.0
Massachusetts	42	423,742	7,185,046	1,201,496	1,991,461.0
Michigan	42	318,893	7,292,120	904,717	3,610,406.0
Minnesota	128	401,761	9,762,888	1,114,399	4,775,774.0
Mississippi	24	139,044	3,596,545	385,316	-
Missouri	84	451,380	10,611,463	1,146,439	4,000,701.0
Montana	1	1,050	17,400	1,333	-
Nebraska	144	1,092,588	32,672,128	2,970,730	27,788,148.0
Nevada	7	34,907	734,370	82,647	-
New Hampshire	5	12,731	186,602	31,492	-
New Jersey	9	64,351	1,142,157	185,609	155,788.0
New Mexico	7	87,994	1,852,034	200,824	590,529.0
New York	51	1,322,395	21,882,956	3,945,122	28,970,882.0
North Carolina	74	662,417	16,118,968	1,713,732	6,897,534.0
North Dakota	12	11,412	305,453	25,413	-
Northern Mariana Islands	1	17,283	261,974	101,424	188,392.0
Ohio	86	392,757	9,640,787	1,103,800	8,563,049.0
Oklahoma	63	212,310	8,347,412	727,827	8,447,824.0
Oregon	18	321,344	9,839,887	792,238	396,318.0
Pennsylvania	36	86,968	1,609,211	215,532	24,009.0
Puerto Rico	1	1,507,713	16,653,903	3,908,682	12,077,654.0
Rhode Island	1	4,964	53,748	8,487	-
South Carolina	23	411,534	13,953,539	1,213,411	22,328,529.0
South Dakota	36	63,916	1,636,675	154,961	-
Tennessee	60	2,396,940	64,251,809	7,084,750	-
Texas	77	2,236,974	59,197,377	6,450,189	48,317,908.0
Utah	43	299,919	5,639,783	578,141	6,857,693.0
Vermont	15	59,011	753,761	125,210	164,979.0
Virgin Islands	1	54,432	648,916	249,349	682,190.0
Virginia	17	165,297	4,034,499	480,968	62,025.0
Washington	42	1,928,501	50,600,232	4,193,287	36,698,305.0
West Virginia	2	3,551	62,185	7,281	-
Wisconsin	83	307,041	7,533,793	773,577	1,534,334.0
Wyoming	14	38,069	652,215	75,066	225,712.0
TOTAL	**2,003**	**25,201,269**	**595,702,010**	**71,713,748**	**376,841,744**

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