



Frequently Asked Questions (FAQs)

How much electricity does an American home use?

In 2021, the average annual electricity consumption for a U.S. residential utility customer was 10,632 kilowatthours (kWh), an average of about 886 kWh per month. Louisiana had the highest annual electricity consumption at 14,302 kWh per residential customer, and Hawaii had the lowest at 6,369 kWh per residential customer.

Learn more:

[Electric Sales, Revenue, and Average Price](#) (see Table 5.a)

[Residential Energy Consumption Survey \(RECS\)](#) (detailed data on U.S. residential energy consumption for selected years)

[Electricity Explained: Use of Electricity](#)

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Other FAQs about Electricity

[Link to EIA FAQs homepage = https://www.eia.gov/tools/faqs/](https://www.eia.gov/tools/faqs/)

[Link to this EIA FAQ's webpage = https://www.eia.gov/tools/faqs/faq.php?id=97&t=3](https://www.eia.gov/tools/faqs/faq.php?id=97&t=3)

- How old are U.S. nuclear power plants, and when was the newest one built?
 - How much coal, natural gas, or petroleum is used to generate a kilowatthour of electricity?
 - How many smart meters are installed in the United States, and who has them?
 - What is the outlook for home heating fuel prices this winter?
 - How much does it cost to generate electricity with different types of power plants?
 - Does EIA publish electric utility rate, tariff, and demand charge data?
 - Can electric utility customers choose their electricity supplier?
 - How much of U.S. energy consumption and electricity generation comes from renewable energy sources?
 - Does EIA have data on each power plant in the United States?
 - What types and amounts of energy are produced in each state?
 - How much of U.S. carbon dioxide emissions are associated with electricity generation?
 - Does EIA publish energy consumption and price data for cities, counties, or by zip code?
 - How many power plants are there in the United States?
 - How many nuclear power plants are in the United States, and where are they located?
 - How much electricity does an American home use?
 - Does EIA have forecasts or projections for energy production, consumption, and prices for individual states?
 - How much electricity is used for cooling in the United States?
 - How much electricity is used for lighting in the United States?
 - How many alternative fuel and hybrid vehicles are there in the United States?
 - What is U.S. electricity generation by energy source?
 - How much does it cost to build different types of power plants in the United States?
 - Does EIA publish data on peak or hourly electricity generation, demand, and prices?
 - How much electricity is lost in electricity transmission and distribution in the United States?
 - What is the efficiency of different types of power plants?
 - Does EIA publish the location of electric power plants and transmission lines?
 - What is the difference between electricity generation capacity and electricity generation?
 - How much electricity does a nuclear power plant generate?
 - Does EIA have county-level energy production data?
 - How is electricity used in U.S. homes?
 - Does EIA publish electricity sales and price data by state and by utility?
 - Does EIA have data on costs for electricity transmission and distribution?
 - How much of world energy consumption and production is from renewable energy?
 - How much energy does the world consume by each energy end-use sector?
 - Does EIA have information on unplanned outages or shutdowns of U.S. energy infrastructure?
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