



Frequently Asked Questions

How much electricity does an American home use?

In 2015, the average annual electricity consumption for a U.S. residential utility customer was 10,812 kilowatthours (kWh), an average of 901 kWh per month. Louisiana had the highest annual electricity consumption at 15,435 kWh per residential customer, and Hawaii had the lowest at 6,166 kWh per residential customer.

Learn more:

[Electric Sales, Revenue, and Average Price](#)

[Average monthly residential electricity consumption, prices, and bills by state \(Excel\)](#)

[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

[Can electric utility customers choose their electricity supplier?](#)

[Does EIA have county-level energy production data?](#)

[Does EIA have data on each power plant in the United States?](#)

[Does EIA have data on the costs for electricity transmission and distribution?](#)

[Does EIA have energy consumption and price data for cities, counties, or by zip code?](#)

[Does EIA have maps or information on the location of electric power plants and transmission lines in the United States?](#)

[Does EIA have projections for energy production, consumption, and prices for individual states?](#)

[Does EIA publish data on peak or hourly electricity generation, demand, and prices?](#)

[Does EIA publish electric utility rate, tariff, and demand charge data?](#)

[Does EIA publish electricity consumption and price data by state?](#)

[How is electricity used in U.S. homes?](#)

[How many nuclear power plants are in the United States, and where are they located?](#)

[How many power plants are there in the United States?](#)

[How many smart meters are installed in the United States, and who has them?](#)

[How much coal, natural gas, or petroleum is used to generate a kilowatthour of electricity?](#)

[How much does it cost to build different types of power plants in the United States?](#)

[How much does it cost to generate electricity with different types of power plants?](#)

[How much electricity does a nuclear power plant generate?](#)

[How much electricity does an American home use?](#)

[How much electricity is lost in transmission and distribution in the United States?](#)

[How much electricity is used for lighting in the United States?](#)

[How much energy is consumed in the world by each energy end-use sector?](#)

[How much of U.S. carbon dioxide emissions are associated with electricity generation?](#)

[How much of U.S. energy consumption and electricity generation comes from renewable energy sources?](#)

How much of world energy consumption and production is from renewable energy?

How old are U.S. nuclear power plants, and when was the newest one built?

What is U.S. electricity generation by energy source?

What is the difference between electricity generation capacity and electricity generation?

What is the efficiency of different types of power plants?

What is the outlook for home heating fuel prices this winter?

What types and amounts of energy are produced in each state?