



## Frequently Asked Questions

### How much electricity does an American home use?

In 2012, the average annual electricity consumption for a U.S. residential utility customer was 10,837 kWh, an average of 903 kilowatthours (kWh) per month. Louisiana had the highest annual consumption at 15,046 kWh and Maine the lowest at 6,367 kWh.

Learn more:

[Electric Sales, Revenue, and Average Price – 2012](#)

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

[Detailed data on residential energy consumption \(RECs\) for selected years.](#)

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### Other FAQs about Electricity

- [Can I choose the electricity supplier where I live?](#)
- [Can I generate and sell electricity to an electric utility?](#)
- [Does EIA have city or county-level energy consumption and price data?](#)
- [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 electricity prices by state?](#)
- [Does EIA have information on the service territories of U.S. electric utilities?](#)
- [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?](#)
- [How is electricity used in United States homes?](#)
- [How many and what kind of power plants are there in the United States?](#)
- [How many nuclear power plants are in the U.S. and where are they located?](#)
- [How many smart meters are installed in the U.S. 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 typical 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 cooling 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 sector?](#)
- [How much of U.S. carbon dioxide emissions are associated with electricity generation?](#)
- [How much of world energy consumption and electricity generation is from renewable energy?](#)