



Electricity consumption

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What is electric energy consumption?

Electric energy consumption is the actual energy demand made on the existing electricity supply. According to the U.S. Energy Information Administration (EIA), global electricity consumption is continuing to rise and at a pace faster than global population growth.

What is total energy consumption?

We previously looked at total energy consumption. This is the sum of energy used for electricity, transport, and heating. Although the terms "electricity" and "energy" are often used interchangeably, it's important to understand that electricity is just one component of total energy consumption.

How much electricity does the United States consume a day?

The data reached an all-time high of 13.517 kWh/Day bn in Jul 2025 and a record low of 7.190 kWh/Day bn in Apr 1991. United States Electricity Consumption data remains active status in CEIC and is reported by U.S. Energy Information Administration.

How much energy does the world consume a year?

Global energy consumption continues to grow, but it does seem to be slowing -- averaging around 1% to 2% per year. How much energy do countries across the world consume? This interactive chart shows primary energy consumption country-by-country. It is the sum of total energy consumption, including electricity, transport, and heating.

Explore data on how energy production and use varies across the world, including electricity consumption per person and per country. See how energy consumption i...

In addition to changes to NEMS, we also updated the way we calculate primary energy consumption of electricity generation from noncombustible renewable energy sources such as solar, ...

In our latest Short-Term Energy Outlook, we forecast U.S. annual electricity consumption will increase in 2025 and 2026, surpassing the all-time ...

The average U.S. household consumes about 10,500 kilowatthours (kWh) of electricity per year. 1 However, electricity use in homes varies widely across regions of the United States and among ...

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United States Electricity Consumption data is updated monthly, averaging 11.320 kWh/Day bn from Jan 1991 (Median) to Dec 2025, with 420 observations. The data reached an all ...

Total electricity consumption includes sales to ultimate customers in the residential, commercial, and industrial sectors, and--to a lesser extent--sales to public transportation customers ...

Electrification picked up across sectors, raising electricity demand in most major economies in 2024. China accounted for the largest share of electricity ...

Electricity consumption in the United States was about 4 trillion kilowatthours (kWh) in 2022 Electricity is an essential part of modern life and important to the U.S. economy. People use ...

Manufacturing Energy Consumption Survey (MECS) A national sample survey that collects information on the U.S. manufacturing establishment, their energy-related building characteristics, and their ...

Discover data on Electricity Supply and Consumption in United States. Explore expert forecasts and historical data on economic indicators across 195+ countries.

Reducing energy use offers both environmental benefits and cost savings for individuals, businesses, and governments. Living in smaller houses, living closer ...

Appendix D. Estimated U.S. Electricity Consumption by Light-duty Electric Vehicles Estimated U.S. Electricity Consumption by Light-duty Electric Vehicles and Methodology

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