



U S wind and solar power generation

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This dataset contains yearly electricity generation, capacity, emissions, import and demand data for over 200 geographies. You can find ...

Solar and wind accounted for 91% of new US electrical generating capacity added in the H1 2025, according to data just released by the Federal ...

This report uses data from the EIA to analyze solar and wind capacity and generation over the past decade (2014 to 2023) in all 50 states and the District of Columbia.

A review by the SUN DAY Campaign of data released by the Federal Energy Regulatory Commission (FERC) reveals that the combination of solar ...

Last year, the U.S. saw additions of about 45 GW of solar and wind combined. This increase from 2023 shows robust progress, but we still need more growth in carbon free generation ...

Wind + solar were almost one-fifth of total US electrical generation - a larger share than that provided by either coal or nuclear power: In 2025, electrical generation by wind plus utility-scale ...

The share of wind and solar combined rose to 18.8% of total power production in the US. Power generation from small-scale solar - such as rooftop systems on homes, retail stores, parking ...

Most electricity in the U.S. is generated from steam turbines, which can be powered by fossil and nuclear fuels, biomass, geothermal, and solar ...

Overview
Renewable electricity sources
Rationale for renewables
Renewable energy and carbon dioxide emissions
Current trends
Future projections
Solar water heating
Biofuels
Hydroelectric power was the largest producer of renewable power in the United States until 2019 when it was overtaken by wind power. It produced 254.79 TWh which was 5.94 % of the nation's total electricity in 2022 and provided 26.48% of the



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total renewable power in the country. The United States is the third largest producer of hydroelectricity in the world after China and Brazil.

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