



# The proportion of wind power in total power generation

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Share of wind power in electricity generation and consumption. The world's installed wind power capacity now meets well over 10% of global electricity demand - and much more than nuclear ...

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 ...

Renewables collectively accounted for one-third of electricity generation, led by hydropower (14% of total electricity generation), wind (8%), solar PV (7%) and ...

Modern, newly installed commercial wind turbines are rated at 2.75 MW capacity, meaning they can generate around 843,000 kWh per month. ...

OverviewHistoryEconomicsNational trendsWind power by stateCommercialization of wind powerOffshore wind powerWind energy meteorologyWind power is a branch of the energy industry that has expanded quickly in the United States over the last several years. In 2024, 451.9 terawatt-hours were generated by wind power, or 10.49% of electricity in the United States. The average wind turbine generates enough electricity in 46 minutes to power the average American home for one month. In 2019, wind power surpassed hydroelectric power as the largest renewable energy source in the U.S

The United States is the second-largest producer of wind power, and generated 341.40 TWh of wind power in 2021, equal to just over 21% of total ...

Wind energy was the source of about 10% of total U.S. utility-scale electricity generation and accounted for 48% of the electricity generation from renewable sources in 2023. Wind turbines ...

Newsletter The International Renewable Energy Agency (IRENA) produces comprehensive, reliable datasets on renewable energy capacity and use worldwide. Renewable energy statistics 2025 ...



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Wind power is a significant contributor to global electricity generation, accounting for nearly 8% of total electricity generation worldwide in ...

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