



# Wind power generation exceeds 1 million

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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

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Electricity generation from wind established a new record in the United States in April, and wind generation exceeded coal-fired generation in both March and April, data from our July 2024 ...

According to preliminary statistics published today by the World Wind Energy Association, global wind power capacity has now passed one million Megawatt and has reached 1"047"288 Megawatt - very ...

Texas continues to have the most wind power, accounting for over a quarter of national capacity, while Iowa has the highest share of in-state generation from wind, at 63%. For the number and size of new ...

China is by far the largest installer of wind power in the world, more than tripling the second-ranked United States. As of the end of 2024, China had cumulatively installed over 561 ...

Key Findings Global installed wind capacity reached 802.3 GW in 2022 Annual wind capacity additions exceeded 100 GW for the first time in 2021 Onshore wind accounted for 87% of global installed ...

Annual global onshore wind installations surpassed 100 GW for the first time in 2023, while the U.S. experienced a slowdown. 10.8 GW of offshore wind capacity was added worldwide, a 24% increase ...



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Annual electricity generation from wind is measured in terawatt-hours (TWh) per year. This includes both onshore and offshore wind sources.

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