



# Wind farm power generation in the mainland

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Here is a map of all utility-scale wind farms in the US. Hover over a wind farm to view information on each project like their name, capacity and construction date.

In 2019, wind power surpassed hydroelectric power as the largest renewable energy source in the U.S. In March and April of 2024, electricity generation from wind exceeded generation from coal, once the ...

Most "wind farms" are built on land, but a growing number of wind farms are now being constructed offshore in large bodies of water. Modern wind turbines typically appear in one of two forms: ...

Share of electricity production from wind, 2025 Measured as a percentage of total electricity produced in the country or region.

In 2022, wind turbines were the source of about 10.3% of total U.S. utility-scale electricity generation. Utility scale includes facilities with at least one megawatt (1,000 kilowatts) of electricity ...

The Viking wind farm on Shetland has achieved first power as the island gears up for connection to the mainland electricity grid.

Looking for archive data?

The following table shows states with significant wind energy generation, the amount (in thousand megawatt-hours) produced in November, and the percentage increase or decrease since ...

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



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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 Wind Turbine Database (USWTDB) provides the locations of land-based and offshore wind turbines in the United States, corresponding wind project information, and turbine technical ...

This milestone comes with the completion of two major projects, the Viking Wind Farm, which is set to become the UK's most productive onshore wind farm and a 260-kilometer subsea ...

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