



# Wind power generation in the state

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Texas dominates wind power in the nation by a wide margin -- producing more wind-generated electricity than any other state. In recent data, Texas accounted for nearly 30% of all U.S. ...

Using three different sources of data and turbine power calculated for more than 126,000 sites in the United States, the toolkit provides powerful information for the next generation of wind energy ...

Although Iowa holds close to half the number that Texas has, the current recorded wind generation is nearer to one-third of the power generated by the Texas wind turbines.

In 2023, about 10% (425 billion kilowatthours) of total U.S. utility-scale electricity generation was from wind energy projects in 41 states. 1 The five states with the most electricity ...

[1] By September 2019, 19 states had over 1,000 MW of installed capacity with five states, Texas, Iowa, Oklahoma, Kansas, and California, generating over half of all wind energy in the nation. [8]

Texas is by far the state with the highest wind energy production in the United States. In 2024, Texas generated roughly 124.94 terawatt-hours of wind power.

These states demonstrate how wind power has become a reliable and cost-effective energy source for American communities. Texas, Iowa, Oklahoma, Kansas, and California stand at ...

This map uses data from the EIA to show how much wind electricity different U.S. states generate, and breaks down wind's share of total electricity generation in top wind power producing ...

Where does your state rank for wind energy production? The Choose Energy Wind Generation Report analyzes the latest information from the EIA to show you how much wind energy ...

OverviewHistoryEconomicsNational trendsWind power by stateCommercialization of wind powerOffshore



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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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