Wind power generation from January to September

Wind farms have generated a record share of U.S. electricity production so far in 2024, and are the second largest source of clean power behind nuclear plants in the U.S. generation system.

Advances in wind-energy technology have decreased the cost of wind electricity generation. Government requirements and financial incentives for renewable energy in the United ...

The visualization tool interactively displays wind generation over different time intervals in three-dimensional space. The viewer can look across the state to understand generation patterns of ...

From January to September, wind generated 76.4% more electricity than hydropower, and solar surpassed hydropower by 27.2%. In September alone, wind and solar produced 73.5% ...

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.

View data on DC ties, generation outages, resource plan details and scheduled generation, and find forms to submit generation and outage data/requests.

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 ...

The world"s wind power sector recorded strong growth in the first half of 2025, with global installations rising by 64% compared to the same period of 2024.u2028A total of 72,2 gigawatts ...

This dataset contains yearly electricity generation, capacity, emissions, import and demand data for over 200 geographies. You can find more about Ember"s methodology in this ...

Wind power is the use of wind energy to generate useful work. Historically, wind power was used by sails, windmills and windpumps, but today it is mostly used to generate electricity. This article deals ...

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