



Proportion of domestically produced wind turbine generators

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This report was prepared by Lawrence Berkeley National Laboratory, with funding from the Wind Energy Technologies Office of the U.S. Department of Energy's Office of Energy Efficiency and Renewable ...

Use the slider and interactive maps below to see land-based wind energy capacity by state (with additions from 2023) and percentage of in-state generation (and sales).

The vast majority of turbines installed and energy generated by wind turbines are from utility scale wind turbines and a smaller but fast-growing proportion from offshore wind turbines.

About 2 percent of the land is needed for the turbines themselves. The vast majority of land used to host turbines can continue to be used for its original purposes, such as ranching, farming, wildlife habitat, ...

Because of geographic differences in wind resource potential, wind generation varies across regions. We grouped states into regional groups that have similar wind capacity factor patterns.

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 global production.

In 2017, a total of 15,680 MW of wind power was installed, representing 55% of all new power capacity, and the wind power generated 336 TWh of electricity, enough to supply 11.6% of the EU's electricity ...

Wind power facilities account for the largest share of the country's renew-able energy production, providing 10.2% of electricity generated in 2023 [4]. Total installed wind power capacity in the United ...

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The wind supply chain has developed in the United States, increasing the domestic content of wind turbines



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installed in the country. Wind power has become the largest renewable ...

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

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