

Title: Capacity for wind power generation

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Installed wind power generating capacity has increased substantially in the United States over the last 25 years, growing from 2.4 gigawatts (GW) in 2000 to 150.1 GW in April 2024.

The worldwide total cumulative installed electricity generation capacity from wind power has increased rapidly since the start of the third millennium, and as of the end of 2023, it amounts to over 1000 GW. [2]

Last year's growth - 109 GW of new onshore wind and 8 GW of offshore wind - brings global cumulative capacity of wind energy to 1,136GW, spread across all continents, with 55 countries installing wind ...

Cumulative installed wind energy capacity including both onshore and offshore wind sources, measured in gigawatts (GW).

The worldwide total cumulative installed electricity generation capacity ...

Newsletter The International Renewable Energy Agency (IRENA) produces comprehensive, reliable datasets on renewable energy capacity and use worldwide. Renewable energy statistics 2025 ...

Texas leads in installed wind capacity (41 GW), followed by Iowa (13 GW) and Oklahoma (12.6 GW). 7 Texas (1,323 MW) and Illinois (928 MW) installed the most new wind capacity in 2023. 7 Iowa ...

The utility-scale turbines present in most wind farms are capable of generating anything from 100 kilowatts to several megawatts and are used to power electrical grids.

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