

Title: Wind power ranking

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Which countries have the most wind power?

China leads with 521,746 MW of installed wind capacity, growing 18% year-over-year, far outpacing all other countries. The U.S. ranks second with 153,152 MW but shows no growth from 2023 to 2024, similar to Germany, Spain, and the UK. Among smaller markets, Brazil (+13%), Australia (+18%), and Türkiye (+10%) stand out for double-digit growth.

Which countries have the most wind power in 2024?

This visual shows the top 15 countries by total installed wind turbine capacity, based on data from the Energy Institute's 2025 Statistical Review of World Energy report. Below, we show the world's leading countries in wind power capacity in 2024: With nearly 522,000 MW of wind turbine capacity, China by far is the global leader.

Which country is a leader in wind energy generation?

1. China China is a global leader in wind energy generation. The country had a significant installed capacity for wind power, contributing substantially to its renewable energy goals. China experienced a remarkable surge in its solar capacity, averaging an annual growth of 78.3 TWh in 2021-22, doubling the pace observed from 2015 to 2020.

How much wind power does the world have?

According to preliminary statistics published today by the World Wind Energy Association, global wind power capacity has now reached 1'173'581 Megawatt- well below the estimates published by WWEA in autumn 2024.

The top wind power companies supporting and developing renewable energy projects globally include Siemens, NextEra Energy, GE Vernova and Enel Wind power has grown ...

On some days, wind energy covers more than 100% of some Member State's electricity demand. Find out how much wind was in the power mix yesterday.

The WWEA Community Engagement Council is working on international guidelines to ensure that best-practice is applied globally. Share of wind power in electricity generation and ...

Wind power ranking

At the country level, the top five markets for new installations in 2024 were China, the US, Germany, India, and Brazil -- together accounting for 81% of global additions. These countries were ...

Meta Description: Discover the 2025 global wind power rankings and learn why China, the US, and Germany dominate. Explore policy drivers, technological breakthroughs, and regional ...

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By July 2022, Brazil had achieved an installed wind power capacity of 22 GW. In 2021, Brazil held the seventh position globally in terms of installed wind power, totalling 21 GW, and ranked ...

Wind electricity generation, billion kilowatthours, 2022: The average for 2022 based on 189 countries was 11.16 billion kilowatthours. The highest value was in China: 762.67 billion kilowatthours and the ...

The Top Countries by Wind Power Energy in 2024 This was originally posted on our Voronoi app. Download the app for free on iOS or Android and discover incredible data-driven charts ...

Leading countries in wind power generation worldwide in 2024 (in terawatt hours) [Graph], Ember, July 15, 2025. [Online].

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