

Ranking of wind power station power generation

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 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 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.

Which countries have a high wind capacity growth rate?

The volume of the capacity added results in a global growth rate of 11.5%, significantly lower than in 2023, when wind capacity grew by 13.0%. Of the top twenty countries, only five had growth rates well above the global average: China with 18.3%, Brazil with 19.0%, Finland (20.3%), Australia (27.5%) and Argentina (16.6%).

This dashboard ranks countries/areas to their renewable energy power capacity or electricity generation. The data can be further refined based on region, technology or year of interest. [Home](#) & [Data](#) & [View](#) ...

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 ...

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now meets well over 10% of global electricity demand - and much more than nuclear ...

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 ...

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

Leading countries in wind power generation worldwide in 2024 (in terawatt hours) You need a Statista Account for unlimited access

Annual electricity generation from wind is measured in terawatt-hours (TWh) per year. This includes both onshore and offshore wind sources.

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