

Title: Latest ranking of wind power generation

Generated on: 2026-04-01 07:48:09

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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 produces the most wind power in 2021?

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. Together, China and the United States generated 50.6% of the world's wind power in 2021.

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 country has the most wind power?

China is the leading country in terms of cumulative wind installations and newly installed wind power capacity. In 2024, the Asian country added some 79.8 gigawatts of wind power, which translates to more than two-thirds of the global capacity added that year.

In Q4 2023, wind power exceeded coal in European electricity generation for the first time, generating 193 TWh compared to coal's 184 TWh. Despite wind installation challenges, wind generation rose by ...

To achieve global decarbonisation goals in time, the International Energy Agency says annual wind capacity additions need to increase from around 115 GW in 2023 to 340 GW in 2030. ...

Here is the list of world's leading renewable energy generating countries in the world. 1. China is a global leader in wind energy generation. The country had a significant installed capacity ...

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 lowest value was in Afghanistan: 0 billion kilowatthours. ...

In Q4 2023, wind power exceeded coal in European electricity ...

Onshore wind with 109 GW connected to the grid accounted for about 83% of new installations, reaching a record-high. In contrast, offshore wind capacity additions reached just 8 GW--26% lower than the ...

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