

Ranking of annual wind power generation

What is the growth rate of wind power?

o Annual growth rate falls from 13,0% to 11,5%
o China installs 87 Gigawatt, 72% of new global capacity
o Brazil becomes second largest market and joins top 5 wind power nations
The full report can be downloaded here as PDF file

Which countries are driving global wind power growth in 2023?

Global wind power installations reached a new high in 2023, increasing renewable energy's share of total power generation to 30%. China continues to be the driving force behind wind power expansion, accounting for nearly 66% of global capacity additions last year.

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 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.

Find up-to-date statistics and facts on the global wind power market.

These countries were also among the top in total installed onshore wind capacity by the end of 2024, with China representing 46% of the global total, the United States - 15%, Germany - ...

Wind power generation, 2025 Annual electricity generation from wind is measured in terawatt-hours (TWh) per year. This includes both onshore and offshore wind sources.

WWEA Annual Report 2024: A Challenging Year for Windpower
o Total capacity exceeds 1"174 Gigawatt, o 121 Gigawatt added in 2024, slightly less than the last year
o Dramatic 18% decline ...

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 ...

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 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 ...



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Who's Winning the Wind Energy Race? Current Global Rankings Revealed As of Q1 2025, wind power generates 12.5% of global electricity - but which countries are truly leading this ...

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