



World Wind Power Generation Comparison

What percentage of global electricity is generated by wind?

Wind generates 8.4% of global electricity as a clean energy source. Compare Wind power generation by country with 2024 data and track the low-carbon transition.

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.

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.

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.

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

Share of wind power in electricity generation and consumption The world's installed wind power capacity now meets well over 10% of global electricity demand - and much more than nuclear ...

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

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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The Global Wind Power Tracker (GWPT) is a worldwide dataset of utility-scale, on and offshore wind facilities. It includes wind farm phases with capacities of 10 megawatts (MW) or more. A wind project ...

The Asia-Pacific region remains at the forefront, with China accounting for 70% of global installations. Europe holds its position as the second-largest wind market, adding 16.4 GW of new ...



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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 ...

Wind energy generation, measured in gigawatt-hours (GWh) versus cumulative installed wind energy capacity, measured in gigawatts (GW). Data includes energy from both onshore and offshore wind ...

Production capacity (MW) Countries - Statistics - Online access - The Wind Power

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