



Which wind power plant ranks





Overview

The countries with the largest market volume for new wind turbines were in 2024: China (86,7 GW), Brazil (5,4 GW), United States (4,2 GW), India (3,4 GW), Australia (3,3 GW), Germany (3,2 GW) and the United Kingdom (2,2 GW). Long-term developments: Growth continues but uncertainties. Wind power is clean, renewable, sustainable, affordable to construct, and easy to scale up or down in size to attain the optimal power output. Wind power is generated through the use of wind turbines, whose blades turn when the wind blows, which then spins a generator either directly or through a. Wind power has grown substantially and is hoped to provide a significant portion of the world's energy by 2050. This clean source produces electricity without emitting greenhouse gases or pollutants and harnesses natural resources that will not run out. Major wind farms in regions like. In fact, Texas is the nationwide leader in wind energy generation, generating 28% of the nation's total wind production in 2024. 1% of the nation's wind energy, more than double the amount from Iowa, the next. • Brazil becomes second largest market and joins top 5 wind power nations The full report as of 23 April 2025 can be downloaded here as PDF file Bonn (WWEA) – In 2024, new wind turbine installations fell far short of expectations, reaching 121'305 Megawatt, slightly less than in 2023, when 121'465. The latest evaluation reveals a wind power potential of 695. 9 GW at 150 meters above ground level.



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Wind Power by Country 2026

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

...

Top 10: Wind Power Companies , Energy Magazine

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. ...



Global Top 15 Wind Turbine Manufacturers [2025]

German firms such as ENERCON and Nordex, as well as China's Mingyang Smart Energy and Envision Energy, are also key players shaping the future of wind power. This ranking highlights the top 15 ...

[Wind Energy by State , February 2026 , Choose Energy](#)

4 days ago · Where does your state rank for wind energy production? The Choose Energy ...



Wind power by country

By 2020, 56% wind power penetration was achieved in Denmark, 36% in Lithuania, 35% in Ireland, 23% in Portugal, 23% in Germany, 20% in Spain, 18% in Greece, 16% in Sweden, 15% (avg) in the EU.

[These Are the Countries With the Most Wind Energy Capacity](#)

The countries with the most total capacity of wind energy have also seen the greatest increase in both onshore and offshore wind energy production in recent years.



Top 10 Nations Leading in Wind Energy

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 ...

[Wind Energy by State , February 2026 .](#)



[Choose Energy](#)

Where does your state rank for wind energy production? The Choose Energy Wind Generation Report analyzes the latest information from the EIA to show you how much wind energy ...



[Ranked: The Largest Producers of Wind Power, by Country](#)

China continues to be the driving force behind wind power expansion, accounting for nearly 66% of global capacity additions last year. Major wind farms in regions like Inner Mongolia and ...

Top 13 Largest Wind Farms in the World by Capacity

Some wind farms now span hundreds of square miles and power millions of homes. The list below highlights the 13 largest wind farms in the world based on total capacity. 1. Gansu Wind ...



Global Statistics

The world's installed wind power capacity now meets well over 10% of global electricity demand - and much more than nuclear power. More than 30 countries now have a share of wind ...

Wind power by country



By 2020, 56% wind power penetration was achieved in Denmark, 36% ...





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