



Wind power station power generation ranking





Overview

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 challenges shaping the wind energy landscape. Who's Winning the Wind Energy Race?

Current. 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. The worldwide total cumulative installed electricity generation capacity from wind power has increased rapidly since the start of the third millennium, and as of the end of 2023, it amounts to over 1000 GW. [2] Since 2010, more than half of all new wind power was added outside the traditional. 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 MW were installed. Many of the major markets installed less than in the previous year - in almost half of the top 20 markets, new capacity was. Statista R identifies and awards industry leaders, top providers, and exceptional brands through exclusive rankings and top lists in collaboration with renowned media brands worldwide. For more details, visit our website. See why Statista is the trusted choice for reliable data and insights. We. The average for 2022 based on 189 countries was 11. 67 billion kilowatthours and the lowest value was in Afghanistan: 0 billion kilowatthours.



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[Global Wind Power Generation Rankings 2025: Top 10 Countries ...](#)

From China's mega-projects to Germany's community wind cooperatives, the 2025 rankings reveal a fragmented but determined global effort. One thing's clear: countries combining ...

[Ranked: The Top Countries by Wind Power Capacity in 2024](#)

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. Even more ...

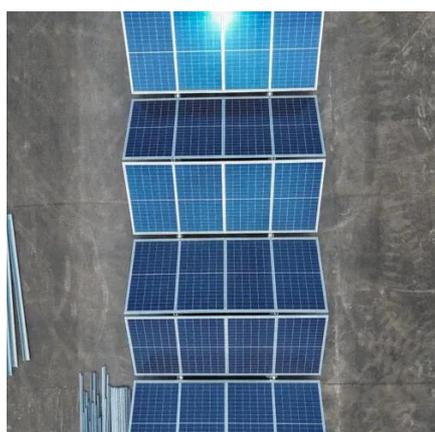


Global Statistics

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 ...

[Leading wind power producing countries 2024, Statista](#)

Leading countries in wind power generation worldwide in 2024 (in terawatt hours) [Graph].



[Wind electricity generation by country, around the world](#)

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. ...

Wind power by country

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



Wind power by country

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 ...



Country Rankings



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.



Top 13 Largest Wind Farms in the World by Capacity

Wind power has become one of the leading sources of clean energy around the world. Countries are building massive wind farms to reduce reliance on fossil fuels and meet growing ...

Wind power generation, 2025

This dataset contains yearly electricity generation, capacity, emissions, import and demand data for over 200 geographies. You can find more about Ember's methodology in this ...



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 ...



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