



Ranking of wind power annual power generation

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 ...

This dataset contains yearly electricity generation, capacity, emissions, imports and demand data for European countries. You can find more about Ember's methodology in this document.

Electricity markets in regions such as Europe face the prospect of increasing negative power prices over the coming years if policy, regulatory and technological measures are not taken to safeguard wind ...

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 ...

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 ...

Compare Wind power generation by country with 2024 data and track the low-carbon transition.

The United States is the second-largest producer of wind ...

These countries demonstrate that the world as a whole can achieve a 40-50% share of wind power in total electricity generation, as outlined by the WWEA in a long-term scenario.

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

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 ...

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

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 ...



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