

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.

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.

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 ...

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 ...

This graphic shows the global leaders in wind power energy as China surged ahead while the U.S. faced setbacks.

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

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 ...

A recent release from Climate Central's "WeatherPower Year in Review: 2022" reports that electricity generated from solar and wind grew 16% from 2021, with wind accounting for ...

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. ...

Top 20 Countries/Areas by Operating Offshore Wind Farm Capacity (MW) February 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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