

# World ranking of wind power annual power generation



## Overview

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This dashboard ranks countries/areas to their renewable energy power capacity or electricity generation. China is the largest producer of wind power in the world, having generated 466.40 TWh of wind. 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. • China installs 87 Gigawatt, 72% of new global capacity • 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. Annual electricity generation from wind is measured in terawatt-hours (TWh) per year. Data source: Ember (2026); Energy Institute - Statistical Review of World Energy (2025) - Learn more about this data Measured in terawatt-hours. The highest value was in China: 762. The indicator is available from 1980 to 2023.

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### 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 ...

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### Global Wind Power Generation Rankings 2025: Top 10 Countries ...

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 ...



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### 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 ...

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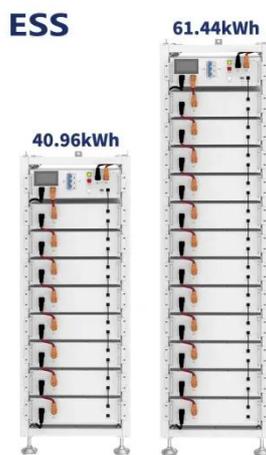
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### Leading wind power producing

## countries 2024, Statista

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

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## 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 ...

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## 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 ...

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## 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.

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## Wind electricity generation by country, around the world

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 ...

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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 ...

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## Ranked: The Top Countries by Wind Power Capacity 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.

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