



Wind power sector power generation ranking table



Overview

Bar chart: Top 10 countries by renewables' share of electricity generation (% , latest full-year data available at time of publication). Values are rounded to one decimal for readability. • 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. China is the largest producer of wind power in the world, having generated 466. 5 terawatt hours (TWh) of wind power in 2021, more than 29% of the global total of 1,596. 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. Data source: Ember (2026); Energy Institute - Statistical Review of World Energy (2025) – Learn more about this data Measured in terawatt-hours. China China is a global leader in wind energy generation. The International Renewable Energy Agency (IRENA) produces comprehensive, reliable datasets on renewable energy capacity and use worldwide.



Article Content

GLOBAL WIND ENERGY COUNCIL

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 ...

Global Wind Power Tracker

The Global Wind Power Tracker (GWPT) is a worldwide dataset of utility-scale, on and offshore wind facilities. It includes wind farm phases with capacities of 10 ...

Wind Power by Country 2026

Also includes information on each country's actual yearly production ...

2025 Wind Power Generation Ranking

-- US solar power generation is forecast to grow 75% and wind power generation will grow 11% in 2025 from 2023 levels, the US Energy Information Administration reported Tuesday.

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 ...

Wind power by country

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. Since 2010, more than half of all new wind power was added outside the traditional markets of Europe and North America, mainly driven by the continuing boom in China and India. China alone had over 40% of the world's ca...

Renewable energy statistics 2025

Renewable energy statistics 2025 provides datasets on power-generation capacity for 2015-2024, actual power generation for 2015-2023 and renewable energy balances for over 150 countries and areas for ...

Wind power generation, 2025

This dataset contains yearly electricity generation, capacity, emissions, import and demand data for over 200 geographies. You can find ...

Top 100 Countries by Share of Renewable Energy in ...

This ranking tracks the share of electricity generated from renewable sources (hydro, wind, solar, bioenergy and other renewables) as a percentage ...

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.proton-engineering.eu>

Email: info@proton-engineering.eu

Phone: +1 832 471 8952

Address: 12345 Lake City Way, Suite 200, Houston, TX 77001, USA

This document is for informational purposes only. Specifications subject to change without notice.

