

# A-share wind power generation ranking

Which countries are driving global wind power growth in 2023?

Global wind power installations reached a new high in 2023, increasing renewable energy's share of total power generation to 30%. China continues to be the driving force behind wind power expansion, accounting for nearly 66% of global capacity additions last year.

Can a country have the same total renewables share?

A country can have the same total renewable share for very different reasons. The stacked view below decomposes the renewable share into hydro, wind, solar, bioenergy, and other renewables (e.g., geothermal). Each bar sums to the country's total renewables share. Stacked bar chart: component shares (as % of total electricity generation).

What is the difference between electricity generation share and energy consumption share?

Electricity generation share is about what power plants produce inside the country's grid in a given year. Total energy consumption share is broader: it includes gasoline and diesel, industrial heat, household heating, and other non-electric uses.

Which countries produce the most wind energy?

Since 2019, wind has become the country's largest source of renewable energy, with its biggest wind farm covering 100,000 acres. Globally, wind energy continues to see strong growth, particularly in Europe, where countries like Germany, Spain, the UK, France, and Sweden are leading producers.

The Largest Producers of Wind Power, by Country This was originally posted on our Voronoi app. Download the app for free on iOS or Android and discover incredible data-driven charts ...

The WWEA Community Engagement Council is working on international guidelines to ensure that best-practice is applied globally. Share of wind power in electricity generation and ...

The Asia-Pacific region remains at the forefront, with China accounting for 70% of global installations. Europe holds its position as the second-largest wind market, adding 16.4 GW of new ...

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. Home > Data > View ...

Share of electricity production from wind, 2025 Measured as a percentage of total electricity produced in the country or region.

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 ...

Leading countries in wind power generation worldwide in 2024 (in terawatt hours) You need a Statista Account for unlimited access

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On some days, wind energy covers more than 100% of some Member State's electricity demand. Find out how much wind was in the power mix yesterday.

Renewable electricity share in 2025: why "power generation" is a different metric This ranking tracks the share of electricity generated from renewable sources (hydro, wind, solar, ...

What is the largest source of electricity generation in 2025? In 2025, renewables surpass coal to become the largest source of electricity generation. Wind and solar PV each surpass nuclear electricity ...

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