

# Wind power base power generation year

Does China have a good wind power generation capacity?

China's installed wind power generation capacity has consistently ranked first in the world for an impressive 15-year streak, according to the latest data released by the China Electricity Council on Sunday.

What is wind power?

The Wind Power is a comprehensive database of detailed raw statistics on the rapidly growing sphere of wind energy and its supporting markets. It contains data about wind farms, turbines, manufacturers, developers, operators, owners and also pictures and cartographical data

Which country has the most wind power installed in 2024?

In the past years, wind energy installations have been growing rapidly. In 2024, the total wind power capacity installed worldwide surpassed 1.1 terawatts, growing by more than 100 gigawatts in comparison to the previous year. China is the leading country in terms of cumulative wind installations and newly installed wind power capacity.

How is electricity generation from wind measured?

Annual electricity generation from wind is measured in terawatt-hours (TWh) per year. This includes both onshore and offshore wind sources. Data source: Ember (2026); Energy Institute - Statistical Review of World Energy (2025) - Learn more about this data Measured in terawatt-hours.

We offer one-, two- or three-year update packages on an annual, bi-annual, quarterly or monthly basis. The Wind Power can also customize data to your precise market needs on request. Our policies of ...

This chapter comprehensively discusses wind power generation, tracing its evolution from historical windmills to modern large-scale wind farms, and analyzing its technical principles, resource ...

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Home Projects Global Wind Power Tracker Summary Tables Summary Tables By Country/Area and Region Wind Farm Capacity by Country/Area (MW) February 2026

Share of wind power in electricity generation and consumption The world's installed wind power capacity now meets well over 10% of global electricity demand - and much more than nuclear ...

Official statistics by year of wind power generation (TWh). The values are presented in tables and charts with calculations of changes and shares, and with extensive analytical functionality.

It is difficult to precisely forecast on-site power generation due to the intermittency and fluctuation characteristics of solar and wind energy.



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The increase in global wind power share to 10% of electricity generation marks a significant milestone towards our goal of a cleaner, more resilient energy system.

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