



Ranking of wind power and photovoltaic power generation in China

Together, China and the United States generated 50.6% of the world's wind power in 2021. A full 9% of the country's electricity came from wind power in 2021, making wind the largest source of renewable ...

The record renewable additions were equivalent to about 17,000 wind turbines and 500 million solar panels, though gas and coal power also jumped.

Wind and solar now account for 37% of the total power capacity in the country, an 8% increase from 2022, and widely expected to surpass coal capacity, which is 39% of the total right now, in 2024.

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 ...

China contributed more than half of the global increase in both solar and wind generation. China is the world's largest electricity consumer, in 2024 accounting for a third of global ...

China's renewable electricity generation capacity is expected to continue growing in 2026, driven by strong solar power expansion, despite a slight decline in average wind power utilization ...

China is leading the world in new solar and wind installations and doing so at a record-shattering pace. In May 2025 alone, the country added 93 gigawatts of solar capacity, or nearly 100 ...

In CY2024, China hit a new record of annual net new capacity added to the grid at 429GW, a 21% y-o-y increase. Of this, wind and solar power combined capacity accounted for 83% at 356.5GW, dwarfing ...

In 2023, China's new energy investment grew rapidly, the investment in solar PV exceeded 670 billion CNY, while the investment in wind power exceeded 380 billion CNY.

Its output and exports of products such as photovoltaic modules, wind turbines, and inverters all rank first globally. Over the past decade, China has helped reduce the average cost per ...

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