



# Yangrun Wind Power s electricity generation this year

How has wind power impacted China's electricity production?

That widespread rise in wind output has helped push wind power's share of China's total electricity generation steadily higher, to an average of 11.4% during the first quarter of 2024 from 9.6% during all of 2023, according to Ember.

Will China's Wind power growth continue?

This was the fastest annual growth in the continent since 2020. China has been the main driver of this trend, and this looks set to continue, as the country has already installed 39,000 MW of new wind capacity so far this year, according to the Centre for Research and Clean Air (CREA), which is up 17% from 2023.

How much will China's Wind power increase in 2023?

That total was 11% higher than the same period in 2023, meaning China's full-year output is on track to rise by over 10% once generation during the final months of the year is complete. The United States is the second-largest wind market, with around 145,000 MW of capacity.

What is the capacity factor of a wind turbine in China?

The capacity factor of an onshore wind turbine in North China and Northeast China's sites can be up to 0.5, which is equivalent to more than 4000 h a year of electric power generation at full installed capacity. The total area of land with wind capacity factors greater than 0.3 exceeds 400,000 km<sup>2</sup> which is more than 4% of China's land.

Does China have a wind energy sector?

From steppe to power source, China's wind energy sector is revolutionizing the country's electricity supply and taking on a global leadership role. With its vast landmasses in the north and an extensive coastline, China has optimal conditions for generating wind power.

Could wind power set a new record in 2024?

LITTLETON, Colorado, Oct 24 (Reuters) - Global wind-powered electricity generation could set a new record in 2024, as winter sets in throughout the northern hemisphere and wind speeds pick up across a majority of the world's wind farms. This, in turn, could help wind power grab a record-high share of the worldwide electricity generation market.

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