

China's wind and solar power generation share



Overview

China achieved a new milestone in its energy transition, with wind and solar power together generating a quarter (26%) of the country's electricity in April 2025, the highest monthly share on record, according to the latest data from global energy think tank Ember. This surpasses the previous. (Yicai) Jan. In the month of April alone, 45.2GW of solar was added, more than Australia's power system is clean and ongoing. The average coal plant in China ran for a record low 46. China's new solar capacity increased from 103GW in 2022 to 333GW in 2024. Credit: Nordic Studio/Shutterstock. According to global energy think tank Ember. The 2025 edition of the "Global Electricity Review" report released by the international energy and environment think - tank Ember on April 8 revealed that in 2024, the global share of clean electricity surpassed 40% for the first time, reaching 40.

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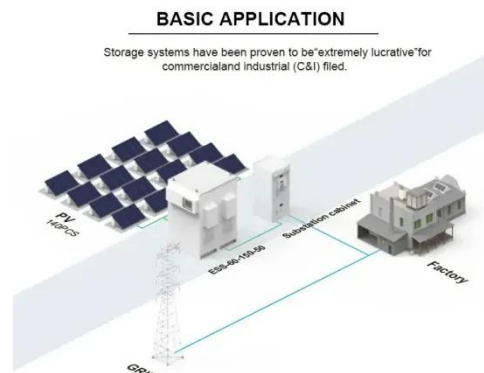


China power statistics

Put another way, this means that new zero emissions electricity generation in China in the first four months of 2025 more than covered all new electricity demand growth (which was +3.8% yoy to ...

Wind and Solar Reach 25% Share of China's Electricity Mix

China reached a significant renewable energy milestone in April, with wind and solar power together generating 26% of the country's electricity, marking the first time these sources have supplied more ...



How China adds more renewable energy than any other economy

China is adding more solar and wind power to its energy grid than any other economy - but that huge buildout has its challenges. Here's what we can learn

GEM China wind & solar brief July 2024

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.



Global Clean Electricity Share Surpasses 40% for First Time, China's

Among them, hydropower remains the largest source of clean electricity, accounting for 14.3%, while wind and solar energy account for 8.1% and 6.9% respectively, with their combined ...

China surpasses 26% wind and solar electricity share in April, setting

China reached a new milestone in the composition of its electricity production, with 26% of its power generated from wind and solar in April, according to data published by international energy think tank ...



China's wind + solar revolution is shaking up the global energy

game

Globally, China's clean energy boom is reshaping markets: the country makes 80% of the world's solar panels and 60% of its wind turbines, while leading exports of EVs, batteries, and heat



China achieves new milestone in energy transition

China has set a new benchmark in its transition to renewable energy, with wind and solar power sources generating 26% of the nation's electricity in April 2025. The achievement marks ...



China's Wind, Solar Power Installed Capacity Exceeded 1,800 GW for

The country added 120 GW of wind and solar power in 2022, 290 GW in 2023, 360 GW in 2024, and 434 GW last year, of which about 119 GW of wind power and 315 GW of solar power, ...



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