

People s republic of china electricity market trends



Overview

At the national level, multiple components in the electricity market and pricing system, including transmission and distribution (T&D) tariffs, the power spot market, power capacity price, and ancillary services markets, have all undergone important updates, favoring New Power.

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[Electricity Market Analysis in China , Intratec](#)

Access monthly strategic analysis of China's energy markets. Explore data on production, demand, imports, exports, and energy self-sufficiency for Electricity and key energy commodities.

China electricity statistics

CEF expects coal generation to plateau over 2025, possibly also 2026, which would see China deliver early on its pledge to peak national emissions well before 2030 (in fact, possibly back in March 2024,



[Summary of China's energy and power sector statistics in 2024](#)

On this basis, the Summary describes the results of emerging technologies and market-based means such as new-type energy storage, new energy vehicles (NEVs) and power markets that support the

Homepage

EMT tracks and analyzes the rapidly evolving power sector of China, offering perspectives and insights into the reform of power trading mechanisms. Well-designed trading mechanisms can support the





[Power Surge: China's Electrification Drive and Push for Global](#)

The appeal of China's energy technology exports and investments is particularly strong in developing countries, where-aside from offering cheap solutions-China's technologies may mitigate

[Key Trends for Power Market Players in China](#)

This is an extract from a recent report "2025 China Power Market Outlook: 10 Key Trends for Market Players" by RMI. This extract reviews key developments and market dynamics for the



[Electricity in People's Republic of China in 2025](#)

People's Republic of China's electricity mix includes 55% Coal, 14% Hydropower and 11% Solar. Low-carbon generation reached a record high in 2025.

International

China's economy is the world's second-largest. Its gross domestic product (GDP) grew by 5.0% in 2024, in line with a government target of around 5% growth, however, growth estimates



[2024 China Power Market Outlook: 10 Key Trends for Market](#)

Launched in 2015, the second round of power market reform in China has been underway for more than nine years.

Electricity in China

The Chinese electricity industry has been in the focus of both domestic and international discussions ever since the reform and opening of the People's Republic in the late 1970s.



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