

Reform of energy storage pricing mechanism accelerates





Overview

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BEIJING, Feb. 10 (Xinhua) -- China is accelerating the market-oriented reform of its renewable power pricing system in a bid to build a new power system and promote the sustainable development of renewable energy generation. The National Development and Reform Commission (NDRC) and the National

BEIJING, Feb. 9 -- Chinese authorities announced Sunday that the prices of on-grid electricity generated from new energy will be determined by the market as the country pushes forward the market reform of new energy electricity pricing. All on-grid electricity generated from new energy such as wind.

On February 9, China's National Development and Reform Commission (NDRC) and National Energy Agency (NEA) jointly published the Notice on Deepening Market-Based Reform of Renewable Energy On-Grid Tariffs to Promote High-Quality Renewable Energy Development. Hereafter referred to as the Notice, or.

Two Chinese ministries have jointly issued a new policy to promote the full entry of grid-connected renewable energy into the power market. This move is aimed at accelerating the market-oriented reform of China's power pricing system and marks the end of the era of fixed tariffs for solar and wind.

The move marks a historic shift in China's new energy pricing mechanism, transitioning from "planned pricing" to "market-based pricing." From a long-term perspective, deepening the marketization of new energy on-grid electricity pricing will not only inject market vitality into the high-quality.



This mechanism effectively provides an "insurance policy" for new energy revenue, ensuring that participating projects receive a stable price regardless of market fluctuations. This approach aligns with international best practices for market-oriented policy implementation, as it allows policy. What does China's new energy on-grid electricity reform mean for China?

The reform of new energy on-grid electricity prices marks a significant milestone, with approximately 80% of China's installed capacity and 80% of its power generation now subject to market-based pricing. This transition signals a new stage of high-quality development for China's modern power system.

Should energy storage technologies be included in the capacity pricing system?

Beyond generation technologies, energy storage technologies that provide capacity services should also be included in the capacity pricing system. In China, both power system operation and economic activity are based on the provincial level.

How has China accelerated power system transition and market reform?

Since China's announcement of achieving carbon peaking by 2030 and carbon neutrality by 2060 (also known as the dual-carbon target), it has accelerated power system transition and market reform by introducing the New Power System and the national unified power market system on the policy level.

What is China's electricity price reform notice?

The notice aims to promote the full market entry of new energy generation and ensure that on-grid electricity prices are entirely determined by the market. This marks another significant step in China's electricity price reform on the generation side following the 2021 market-oriented reform of coal-fired power on-grid tariffs.

What are the major reforms in the energy sector?

The two ministries pointed out that the reforms include three main aspects. The first is to promote the comprehensive formation of renewables feed-in tariff by the market. In principle, all power generated by renewable projects will enter the power market, and the feed-in tariff will be formed through market transactions.



What are the 'firsts' of energy reform?

The reform introduces four key "firsts": 1□ First-time Requirement for Full Market-Based Participation of All New Energy Generation The document stipulates that, in principle, all electricity generated by new energy projects (wind and solar power) must enter the electricity market, with on-grid prices determined through market transactions.



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Implementation Plan for Promoting New Energy Storage in Anhui ...

The Anhui Provincial Government has recently released the Implementation Plan for the Promotion and Application of New Energy Storage, which aims to optimize the ...

Policy Interpretation , Four Key Firsts in China's Market-Based ...

The reform of new energy on-grid electricity prices marks a significant milestone, with approximately 80% of China's installed capacity and 80% of its power generation now ...



Impact of China's market-oriented reform on the energy storage ...

The Notice suggests "improving spot market trading and pricing mechanisms," which is expected to enhance returns for energy storage projects by relaxing spot price limits.

China's Energy Storage Market Reform: Transitioning from Price

In recent years, China's energy storage industry has witnessed explosive growth; however, challenges such as price wars and insufficient



investment returns have ...



[Power Market and Pricing Mechanism Reform in ...](#)

This report, Power Market and Pricing Mechanism Reform in China, helps build a bridge to help markets better support this new era of innovation. It focuses on ...



[Adding new energy to electricity market key](#)

The National Development and Reform Commission and the National Energy Administration issued a notice on Sunday to promote the integration of new energy sources ...



China accelerates reform of renewable power pricing to promote

BEIJING, Feb. 10 (Xinhua) -- China is accelerating the market-oriented reform of its renewable power pricing system in a bid to build a new power system and promote the sustainable ...





CITIC Securities: The energy storage economy shows a profit

In the medium term, as the electricity reform process accelerates, energy storage is shifting from a cost item to a profit item, and the continuous improvement of the capacity compensation ...



Economic Watch: China accelerates reform of renewable power pricing ...

BEIJING, Feb. 10 (Xinhua) -- China is accelerating the market-oriented reform of its renewable power pricing system in a bid to build a new power system and promote the sustainable ...

Prohibition of full feed-in and tariff market reform will force the

Under market-based transactions, the volatility of photovoltaic electricity prices is much higher than the benchmark electricity price. For example, the peak photovoltaic power ...



[Coordination Mechanism Analysis of Grid Planning, ...](#)

Taking the exam-ple of the temporary transmission price for UHV DC projects issued by the National Development and Reform Commission (NDRC), the new pricing mechanism has led ...



The price compensation principle for PHES. , Download Table

Download Table , The price compensation principle for PHES. from publication: Study on pricing mechanism of pumped hydro energy storage (PHES) under China's electricity tariff reform , ...



Two Weeks After Document No. 136: The Shockwave in the New Energy

As a guiding policy for new energy market participation in electricity trading, Document No. 136 introduces new electricity market rules tailored to new energy development. ...

Explainer: How China's renewable pricing reforms will ...

The policy asks local governments to shift new wind and solar projects to a more market-based pricing system by the end of 2025. Said local ...



As the electricity market accelerates how will the profit model of

The time-of-use electricity price mechanism is the basis for the profitability of industrial and commercial energy storage. As the main means to achieve the balance between ...



China accelerates reform of renewable power pricing to promote

China is accelerating the market-oriented reform of its renewable power pricing system in a bid to build a new power system and promote the sustainable development of ...

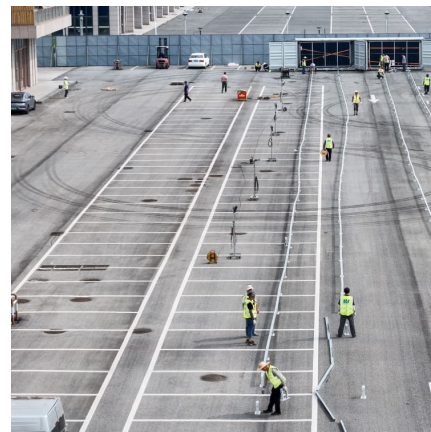


Bidding strategy and economic evaluation of energy storage ...

Energy storage systems (ESSs) can smooth loads, effectively enable demand-side management, and promote renewable energy consumption. This study developed a two ...

China pushes market reform of new energy electricity pricing

Chinese authorities announced Sunday that the prices of on-grid electricity generated from new energy will be determined by market as the country pushes forward ...



[NDRC: A new energy storage pricing mechanism will be ...](#)

The Action Plan proposes that the deepening of price mechanism reform during the 14th Five-Year Plan period should be guided by Xi Jinping Thought on Socialism with Chinese ...



Power Market and Pricing Mechanism Reform in China: A ...

Many provinces have initiated a competitive allocation mechanism by evaluating factors like project preparation status, supplementary energy storage capacity, local social economic ...



China's Post-136 Era: Energy Storage Safety Emerges as Key ...

In February 2025, the National Development and Reform Commission and the National Energy Administration jointly issued the "Notice on Deepening the Market-oriented ...

[Broker Focus] Bocom International: Action Plan for Large-Scale

The plan encourages new energy storage systems to fully participate in electricity markets and accelerates the establishment of pricing mechanisms while promoting improvements in ...





[NDRC: A new energy storage pricing mechanism will be ...](#)

The Action Plan emphasizes that we must grasp the timing and intensity of reform, fully study and demonstrate the social bearing capacity, improve supporting measures to ensure people's ...

Impact of China's market-oriented reform on the energy storage ...

Based on current energy storage market and the Notice, InfoLink expects China's new energy storage installations to reach 112 GWh in 2025, up 9% YoY. But if local ...



[China launches pricing reform for grid-connected ...](#)

This move is aimed at accelerating the market-oriented reform of China's power pricing system and marks the end of the era of fixed tariffs for ...

China to deepen market-oriented reform of new energy feed-in ...

The NDRC will improve the energy pricing mechanism, deepen the market-oriented reform of new energy feed-in tariff, and study the improvement of the energy storage pricing mechanism, it said.



[Unlocking new momentum in China's green economy](#)

The green economic momentum unleashed by the market-oriented reform of new energy electricity pricing will create new opportunities for new energy enterprises in China.

China pushes market reform of new energy electricity pricing

BEIJING, Feb. 9 -- Chinese authorities announced Sunday that the prices of on-grid electricity generated from new energy will be determined by the market as the country ...



China accelerates market integration of wind and solar generation

On 27 January 2025, China's National Development and Reform Commission (NDRC) and the National Energy Administration (NEA) jointly issued a policy titled "Notice on ...

China Accelerates Green Economy with Market-Based Energy Pricing Reform

The reform is designed to fully integrate renewable energy sources into the electricity market, injecting market vitality into the high-quality development of the new energy ...





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