

Government procurement price of standalone energy storage in China





Overview

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China Energy Engineering Corporation (CEEC), a state-owned infrastructure giant, has launched one of China's largest energy storage procurements to date, tendering 25 GWh of lithium iron phosphate (LFP) battery systems on 3 June. The bid is being viewed as a watershed moment for the marketization.

This report analyses the winning bid price trends of energy storage systems and turnkey EPCs in China's utility-scale and C&I energy storage market in H2 2024. It is based on the prices from all the publicly announced winning bids from January 2023 to December 2024 by different districts, project.

The lowest recorded bid for Package III reached just ¥0.37/Wh (\$0.051/Wh), setting a new record low for centralized procurement pricing in China. Average bids across the packages ranged between ¥0.42 and ¥0.46 per watt-hour. CEEC stipulated stringent qualification criteria for bidders, including.

The lowest EPC price for energy storage in China in May 2024 was 0.96 yuan/Wh, while the average bid price for lithium iron phosphate (LFP) energy storage EPC was 1.35 yuan/Wh. For energy storage systems, the lowest bid price was 0.61 yuan/Wh, and the average bid price for LFP energy storage was.

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.



On June 3, 2025, China Energy Engineering Corporation (CEEC), a leading state-owned infrastructure company, initiated a significant procurement process for 25 GWh of lithium iron phosphate (LFP) battery systems. This tender represents one of China's largest energy storage initiatives, marking a. What is the largest energy storage procurement in China's history?

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How much does energy storage cost in China?

In what is described as the largest energy storage procurement in China's history, Power Construction Corporation of China (PowerChina) is targeting an unprecedented cumulative storage capacity of 16 GWh. The bids were opened on December 4. The tender attracted 76 bidders, with quoted prices ranging from \$60.5/kWh to \$82/kWh, averaging \$66.3/kWh.

What does China Energy Engineering Corporation's landmark procurement mean for energy storage?

China Energy Engineering Corporation's landmark procurement signals a shift toward market-driven energy storage, with bids reflecting aggressive cost-cutting and rising industry consolidation.

How big is China's energy storage?

According to the China Energy Storage Alliance (CNESA), new storage installations in China reached 13.3 GW/ 32.1 GWh in the first five months of 2025, up 52.5% / 41.8% year-on-year. The CEEC procurement was split into three packages, totaling 25 GWh and covering systems with durations of one, two, and four hours.

How will powerchina select a qualified supplier for energy storage system equipment?

According to the previously announced plan by PowerChina, this tender aims to select qualified suppliers for energy storage system equipment for 2025-2026. After the selection, a framework agreement will be signed.

Will NDRC remove mandatory energy storage requirements for renewable



projects?

The tender follows February's "Document No. 136" from the National Development and Reform Commission (NDRC), which removed mandatory energy storage requirements for renewable projects.



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India: 'Critical inflection point' for standalone energy ...

National and regional agencies in India tendered for 9.5GW of utility-scale energy storage in the first quarter of 2025, with more than two-thirds for standalone systems. According to a new report from JMK Research and the ...

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

On February 9, China's National Development and Reform Commission (NDRC) and National Energy Agency (NEA) jointly published the Notice on Deepening Market-Based ...



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

For 2025, the compensation standard for standalone new-type energy storage is set at RMB 0.35/kWh. Projects that fail to begin construction by June 30, 2025, will not be ...

[Summary of Global Energy Storage Market Tracking ...](#)

Figure 3: Installed capacity of new energy storage projects newly commissioned in China (2023.H1) In the first half of the year, the



capacity of domestic energy storage system which completed procurement process ...



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This Insight comes to you at the turning of the tide: after a period of increased pricing and supply chain disruptions, we are starting to see a return to reliable supply and declining prices in the battery energy storage markets. ...

Energy Outlook 2025: Energy Storage

Government initiatives, funding, and legislation will play a critical role in accelerating the adoption of energy storage systems, ensuring they are not only affordable but ...



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CEEC Unveils Record-Breaking 25 GWh Battery Storage Tender, Prices ...

China Energy Engineering Corporation (CEEC), a major state-owned enterprise, has issued one of the country's largest energy storage procurement tenders to date, targeting ...

Rajasthan's regulator approves 'lowest tariff rate in India' for

The electricity regulator for Rajasthan, India, has approved the lowest tariff rate for a battery storage tender in the country so far.



[China Battery Energy Storage System Report 2024](#)

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As the dust settles, one thing's clear - China's storage sector is rewriting the rules of energy economics. Companies that master cost control while exploring new business models will ...

China's energy storage capacity rises to support clean energy shift

BEIJING, July 31 -- China's energy storage capacity is expanding to facilitate the utilization of growing renewable power amid the country's efforts to advance its green energy transition. ...





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2024 Carbon Free Energy & Standalone Storage Projects ...

1.1. Introduction & Purpose Silicon Valley Clean Energy (SVCE) and its partnered customers through this 2024 Request for Offers for Carbon Free Energy and Standalone Storage Project ...



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The electricity regulator for Rajasthan, India, has approved the lowest tariff rate for a battery storage tender in the country so far.

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China's industrial and commercial energy storage is poised for robust growth after showing great market potential in 2023, yet critical challenges remain.



Evolution of Grid-Scale Energy Storage System Tenders in ...

Executive Summary Energy Storage Systems (ESS) will be the next major technology in the power sector over the coming decade. The latest standalone ESS tenders from Solar Energy ...





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BYD was shortlisted for the tender of the 50MW/100MWh energy storage

Polaris Energy Storage Network learned that on April 25, the list of winning candidates for the procurement of the 50MW/100MWh energy storage system equipment for ...

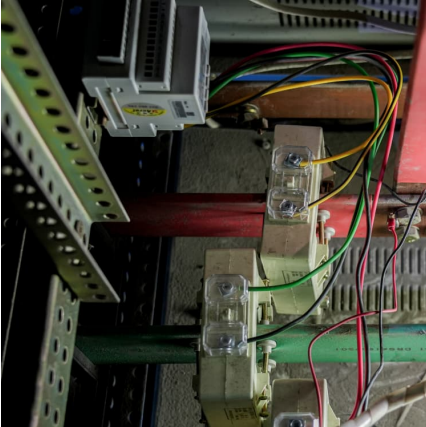
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Key Findings Standalone Energy Storage Systems (ESS) are rapidly emerging as a key market, with 6.1 gigawatts of tenders issued in the first quarter of 2025 alone, accounting for 64% of the ...



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Government initiatives, funding, and legislation will play a critical role in accelerating the adoption of energy storage systems, ensuring they are not only affordable but also environmentally sustainable. The combined impact of ...



Energy Storage Procurement Report to the Governor, the ...

I. Executive Summary velopment of an initial forward storage procurement process for the procurement of energy storage resources. This report is to address the fourteen questions ...

[China scraps energy storage mandate for renewable ...](#)

In a major policy shift toward electricity market liberalization, China has introduced contract-for-difference (CfD) auctions for renewable plants and removed the energy storage mandate, which has





[China price tracker: energy storage winning bids](#)

This report analyses the winning bid price trends of energy storage systems and turnkey EPCs in China's utility-scale and C& I energy storage market in H2 2024.

Procurement Processes_092412

Understanding China's procurement processes
This report provides insight into the procurement processes in China, including the legal framework for bidding, an overview of the bidding ...



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