



Successful bid price of home energy storage project in China 2025

How much does a battery energy storage system cost in China?

The procurement exercise has attracted 67 battery energy storage companies but only six have emerged as winners. The average bid stood at CNY 0.473/Wh (\$65/kWh). Public procurements in China continue to demonstrate exceptionally low price levels for lithium-ion phosphate (LFP) battery energy storage systems (BESS).

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.

What is China's lowest battery bid?

The lowest bid of CNY 0.37/Wh (\$0.051) represents a 30% drop from 2024 levels, setting a new industry record. The bid attracted China's largest battery players including CATL, BYD, Sungrow and Envision Energy.

How much does a Chinese company bid?

The average bid of the first six candidates was 0.4730 yuan/Wh, while the bids of the three alternative companies were somewhat higher and stood at 0.4738 yuan/Wh, 0.486 yuan/Wh and 0.4784 yuan/Wh. The latest results follow in the footsteps of recent procurements which saw similarly low prices.

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.

Huadian Group and PowerChina have activated a 1 GW solar project on salt-alkali tidal flats in China's Shandong province, paired with 200 MW/400 MWh of storage. The ...

On March 18, Huadian Group, one of the five largest state-owned power generation enterprises in China, released the list of the winning bidders in its 2025 procurement seeking a cumulative 6 GWh of battery storage.

China Energy Engineering Corporation (CEEC) has launched an auction for 25 GWh of lithium-iron phosphate battery systems. The tender launched by CEEC is structured ...

The energy storage system market is even worse. Wood Mackenzie's "China grid-scale winning bid price tracker" shows that the average bid price of 2-hour grid-scale battery energy storage ...



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August 30, 2024 - The flow battery energy storage market in China is experiencing significant growth, with a surge in 100MWh-scale projects and frequent tenders for GWh-scale flow ...

A BESS project in China deployed by Hyperstrong, the largest system integrator in the domestic market. Image: Hyperstrong. China has reached well over 70GW of installed ...

The tender attracted 76 bidders, with offers ranging from a minimum price of RMB 7.61 billion (equivalent to RMB 0.4418/Wh) to a maximum price of RMB 9.57 billion (RMB 0.5983/Wh).

CGN New Energy has selected seven winners from 50 bidders in its 10 GWh battery energy storage system (BESS) tender, with the lowest bid at CNY 0.458/Wh (\$63/kWh).

The China New Energy Storage Development Report 2025 represents a major milestone in the institutionalization of NES planning and governance in China. By quantifying ...

China is experiencing an explosion in energy storage projects, aimed at easing the transition to renewable energies. A striking example is the 795 MW power plant in Shandong, featuring batteries capable of storing up to ...

Due to the acceleration of the global energy transition, energy storage has become a new focus for the energy sector. In the medium to long term, the growth of global energy storage installations may be guaranteed ...

China's winning bid price for lithium iron phosphate energy storage in 2022 was largely in the range of USD 0.17-0.24 per watt-hour (Wh). However, the cost of electricity from pumped hydro storage has fallen to USD ...

Saudi Electricity Company (SEC) and China's BYD Energy Storage have officially signed a contract to build the world's largest grid-scale energy storage project in the Gulf Kingdom, with BYD supplying 12.5 gigawatt ...

The new energy storage market in China has great development potential in the future. The cumulative installed capacity of new energy storage in China is expected to exceed 100 gigawatts (GW) by 2025, according to the ...

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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.

The global energy storage sector is on track for another record year in 2025 as utility-scale projects expand into new regions. BloombergNEF (BNEF) forecasts that ...

Saudi Arabia's battery energy storage (bess) projects totalling 4GWh makes advances as it awards contract to China-based Hithium. The nation ... [Read more](#)

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Saudi Electricity Company (SEC) receives Bidders Proposals for Battery Energy Storage Systems (BESS) having Combined Capacity of 1,000 MW. The Project location is in ...

While the energy storage market continues to rapidly expand, fueled by record-low battery costs and robust policy support, challenges still loom on the horizon--tariffs, shifting tax incentives, and supply chain uncertainties ...

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 ...

By Yayoi Sekine, Head of Energy Storage, BloombergNEF Battery overproduction and overcapacity will shape market dynamics of the energy storage sector in 2024, pressuring prices and providing headwinds for ...

Tao Kang is a managing partner at developer Luminous Energy, a company that develops renewables and storage projects in the UK, Australia, Chile and the US. He will be speaking on the "Tariff and Onshoring Trends: ...

Huadian Group and PowerChina have activated a 1 GW solar project on salt-alkali tidal flats in China's Shandong province, paired with 200 MW/400 MWh of storage. The facility features PV modules installed above ...

According to partial statistics, a total of 29 domestic electrochemical energy storage projects were opened for bidding in June 2023, with a combined capacity of ...



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