

## SolarTech Power Solutions

# Large-scale energy storage EPC price



## Overview

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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. 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 is the largest energy storage procurement in China's history?

The tender marks the largest energy storage procurement in China's history. 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.

Did EPC bidding reach its highest-ever quarterly volume in Q3?

Among these, EPC bidding reached its highest-ever quarterly volume in Q3, approaching 50 GWh. Large-scale projects, particularly those exceeding 500 MWh and even GWh-level, saw a significant increase in EPC bidding announcements. State Power Investment Corporation (SPIC) led with a bidding volume exceeding 7 GWh.

How big is non-hydro energy storage in 2024?

In the first three quarters of 2024, newly operational non-hydro energy storage installations reached 20.67 GW/50.72 GWh, representing year-on-year growth of 69% in power capacity and 99% in energy capacity.

What was the average bid price for non-hydro energy storage systems in Q3?

In the first three quarters, the average bid price for domestic non-hydro

energy storage systems (0.5C lithium iron phosphate systems) was 622.90 RMB/kWh, a year-on-year decline of 50%. While bid prices remained relatively stable in the first half of the year, they reached a historic low of 578.11 RMB/kWh in Q3, particularly in September.

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.

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### Energy Storage Industry EPC Price Ranking: Trends, Players, ...

In 2024 alone, China added enough new energy storage capacity to power 78 million smartphones simultaneously [1]. But here's the kicker: while everyone's racing to build these ...

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### 2022 Grid Energy Storage Technology Cost and ...

Sep 7, 2022 · 2022 Grid Energy Storage Technology Cost and Performance Assessment Vilayanur Viswanathan, Kendall Mongird, Ryan Franks, Xiaolin Li, Vincent Sprenkle\*, Pacific ...



### Energy storage EPC prices continue to decline in China, with ...

May 14, 2024 · Excluding the above special projects, in the remaining 18 projects, the bid prices for LFP energy storage EPC ranged from 0.96 yuan/Wh to 2.22 yuan/Wh, with an average bid ...

## China reaches over 70GW of BESS, DC block prices 'stable'

Jan 24, 2025 · 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 ...



## What is the average price of EPC for energy ...

Jul 20, 2024 · The average price of EPC for energy storage projects generally falls within the range of \$1,000 to \$3,000 per installed kilowatt; this cost can ...

## CNESA Global Energy Storage Market Tracking

Nov 16, 2024 · Large-scale projects, particularly those exceeding 500 MWh and even GWh-level, saw a significant increase in EPC bidding announcements. State Power Investment ...



## 400MW! A large-scale shared energy storage

## phase II EPC ...

Aug 4, 2025 · Hexin Energy Storage launches the second phase EPC bidding for the Ganquanbao large-scale hybrid energy storage project, with an industry benchmark price limit ...



## 'Mind-blowing' bids in Power China's 16GWh BESS tender

Dec 19, 2024 · EPC firm Power China's recent 16GWh BESS supply tender has seen very low prices bid, amidst a squeeze of market share from state-owned firms.



## Key Considerations for Utility-Scale Energy ...

Mar 8, 2023 · It's generation . . . it's transmission . . . it's energy storage! The renewable energy industry continues to view energy storage as the superhero ...



## EPC Execution by the Numbers: The Data Behind ...

...

Jan 24, 2025 · EPC execution stands as a proven model for delivering large-scale energy projects, combining faster timelines, cost efficiencies, superior quality, ...



## Australian Energy Storage Market Analysis Full Report V10

Apr 27, 2020 · In relation to large-scale energy storage, the Finkel Review's recommendation to require some new generators to have energy storage could significantly increase the number ...

## The latest epc price for energy storage projects

The 2020 Cost and Performance Assessment provided installed costs for six energy storage technologies: lithium-ion (Li-ion) batteries, lead-acid batteries, vanadium redox flow batteries, ...



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