

Title: Energy Storage Project Statistics

Generated on: 2026-05-28 22:05:25

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Should energy storage be developed?

Developing energy storage has become a global consensus. It was announced at COP29 in late 2024 that global storage capacity will increase to 1,500 GW by 2030, more than six times the 2022 level. As a result, InfoLink maintains a cautiously optimistic outlook for the medium- to long-term development of energy storage systems.

How has cost decline impacted energy storage?

This trend may highlight that the cost decline over the past few years has driven energy storage into an era of accelerated diversification in the global market. The European energy storage market added 19.1 GWh of installed capacity in 2024, up 12.4% YoY, with drastic changes in the ESS landscape throughout the year.

What types of energy storage are included?

Other storage includes compressed air energy storage, flywheel and thermal storage. Hydrogen electrolyzers are not included. Global installed energy storage capacity by scenario, 2023 and 2030 - Chart and data by the International Energy Agency.

How can energy storage support the global transition to clean electricity?

To support the global transition to clean electricity, funding for development of energy storage projects is required. Pumped hydro, batteries, hydrogen, and thermal storage are a few of the technologies currently in the spotlight.

Energy Storage Reports and Data The following resources provide information on a broad range of storage technologies. General U.S. Department of Energy's Energy Storage Valuation: A ...

According to incomplete statistics from the CNESA DataLink Global Energy Storage Database, in June 2025, newly commissioned new energy storage projects in China reached a total ...

The global energy storage market is poised to hit new heights yet again in 2025. Despite policy changes and uncertainty in the world's two largest markets, the US and China, the sector ...

Note: 0.5C lithium iron phosphate battery energy storage system, excluding user side application; The average bid price is the arithmetic average of the bid price of each project in the ...

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The rapid growth in the energy storage market continues to drive demand for project financing, and like any other project-financed asset class, lenders will analyze both the amount and ...

The global energy storage market added 175.4 GWh of installed capacity in 2024, with the three major regional markets--China, the Americas, and Europe--continuing to account for over ...

Global installed energy storage capacity by scenario, 2023 and 2030 - Chart and data by the International Energy Agency.

The DOE Global Energy Storage Database provides research-grade information on grid-connected energy storage projects and relevant state and federal policies. All data can be exported ...

Find the latest statistics and facts on energy storage.

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