

European Solar Energy Storage

Energy storage projects scaled back



Overview

Businesses canceled, closed, and scaled back more than \$22 billion worth of new factories and clean energy projects in the first half of 2025 after cancelling another \$6.7 billion in June alone, according to E2's latest monthly analysis of clean energy projects tracked by E2 and the Clean Economy Tracker. What is the energy storage program?

The Energy Storage program provides operational support to clients by working with World Bank teams to advance the IDA20 Energy Policy Commitment of developing battery storage in at least 15 countries (including at least 10 fragile and conflict-affected situations).

Why do we need scalable energy storage solutions?

The IEA emphasises the need for scalable energy storage solutions to enhance grid reliability and support the integration of variable renewable energy sources.

What is energy storage?

Energy storage encompasses an array of technologies that enable energy produced at one time, such as during daylight or windy hours, to be stored for later use. LPO can finance commercially ready projects across storage technologies, including flywheels, mechanical technologies, electrochemical technologies, thermal storage, and chemical storage.

Why is energy storage important?

Energy storage is fundamental to stockpile renewable energy on a massive scale. The Energy Storage Program, a window of the World Bank's Energy Sector Management Assistance Program's (ESMAP) has been working to scale up sustainable energy storage investments and generate global knowledge on storage solutions.

Why did ECOWAS support the energy storage program?

In the Economic Community of West African States (ECOWAS), the Energy Storage Program's support was critical in preparing the Regional Electricity Access and BEST Project.

Will energy storage capacity scale quickly in 2050?

U.S. energy storage capacity will need to scale rapidly over the next two decades to achieve the Biden-Harris Administration's goal of achieving a net-zero economy by 2050.

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Scaling Up Energy Storage to Accelerate Renewables - ESMAP's Energy

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[Energy Outlook 2025: Energy Storage](#)

By 2030, the global energy storage market is projected to grow at a compound annual growth rate (CAGR) of 21%, with annual energy storage additions expected to reach 137 GW (442 GWh), and we expect that the COP29 Energy Storage and Grids pledge will increase this rate of growth further.



Grid-Scale Energy Storage Projects Heat Up Globally

Grid-Scale Energy Storage Projects Heat Up Globally Quidnet Energy, ENBW, and Peak Energy have energy storage projects in the works in the U.S. and Europe.

[Energy Outlook 2025: Energy](#)

Storage

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US battery gigafactories face delays and cancellations amid

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US battery gigafactory 'power play' will see smaller vendors step back, write Anjali Joshi and Dan Finn-Foley of Clean Energy Associates.

E2: \$22 Billion in Clean Energy Projects Cancelled in First Half of

Since federal clean energy tax credits were passed by Congress in August 2022, a total of 58 announced or operational projects have been cancelled, closed, or scaled back--35 in 2025 alone.



Lenders show increasing appetite to back energy storage projects

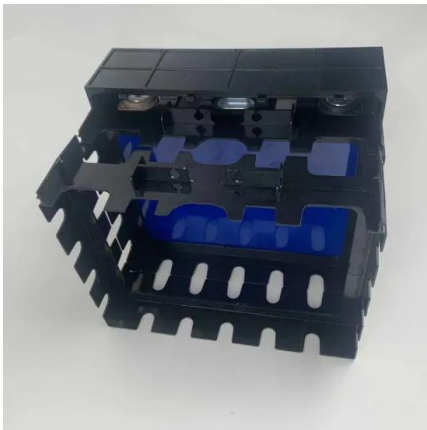
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A 2025 Update on Utility-Scale Energy Storage ...

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 ...

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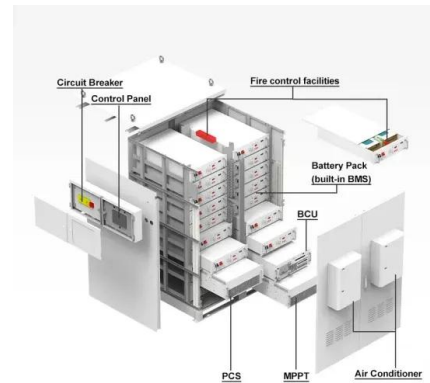


China's role in scaling up energy storage investments

The large-scale development of energy storage technologies will address China's flexibility challenge in the power grid, enabling the high penetration of renewable sources. This article intends to fill the existing research gap in energy storage technologies through the lens of policy and finance.

Energy Storage Proposals Face Pushback from Some Communities

Energy storage projects are facing increasing scrutiny from local residents in parts of the U.S. Residents have voiced concerns about fires at energy storage facilities - in particular, lithium-ion storage facilities.



A 2025 Update on Utility-Scale Energy Storage Procurements

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 threaten to temper near-term momentum.

Scaling Up Energy Storage to Accelerate Renewables ...

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investments and generate global ...



ENERGY STORAGE PROJECTS

Residential, commercial, industrial, and utility users are beginning to install energy storage systems to fulfill their energy and reliability needs, but challenges remain to deploying these systems at scale.

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