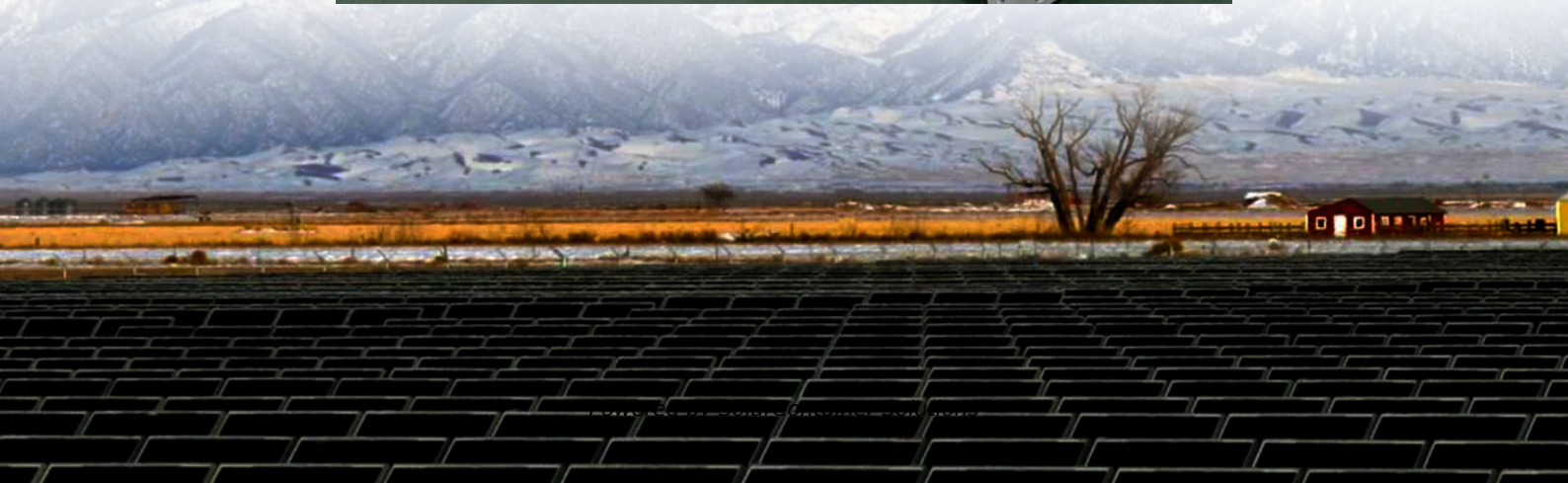


# The latest on integrated energy storage solutions in the United States





## Overview

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ARLINGTON, Va., Sept. 04, 2025 (GLOBE NEWSWIRE) -- Fluence Energy, Inc. ("Fluence") (NASDAQ: FLNC), a global market leader delivering intelligent energy storage systems, services, and asset optimization software, today announces the first shipment of domestic content lithium-ion battery storage systems using U.S.-made batteries, modules, thermal management systems, controls, and enclosures. What is the future of energy storage?

Renewable penetration and state policies supporting energy storage growth  
Grid-scale storage continues to dominate the US market, with ERCOT and CAISO making up nearly half of all grid-scale installations over the next five years.

Why did energy storage surge in Q1 2025?

That makes Q1 2025 the biggest first quarter for energy storage in US history. The surge was led by utility-scale projects, which accounted for over 1.5 GW of the new capacity, a 57% jump compared to Q1 2024. Surging energy demand is putting the electric grid under strain," said John Hensley, SVP of markets and policy analysis at ACP.

Why are energy storage resources important?

Energy storage resources have become an increasingly important component of the energy mix as traditional fossil fuel baseload energy resources transition to renewable energy sources. Currently 23 states, plus the District of Columbia and Puerto Rico, have 100% clean energy goals in place.

Which states are deploying more energy storage in Q1?

"We're now seeing significant deployment in emerging markets like Indiana, while states across the Southwest like Nevada and Arizona continue to expand their energy storage portfolio," said Noah Roberts, VP of Energy Storage at ACP. Residential storage also set a new record, with 458 MW installed in Q1, the most ever in a single quarter.



## Is energy storage at a crossroads?

The Q1 2025 results demonstrate the demand for energy storage in the US to serve a grid with both growing renewables and growing load,” said Allison Weis, global head of energy storage at Wood Mackenzie. “However, the industry stands at a crossroads, with potential policy changes threatening to disrupt this momentum.”.

## Will energy storage grow in 2024?

Allison Weis, Global Head of Energy Storage at Wood Mackenzie Another record-breaking year is expected for energy storage in the United States (US), with Wood Mackenzie forecasting 45% growth in 2024 after 100% growth from 2022 to 2023.



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### US energy storage set a new record in Q1 2025 but the future

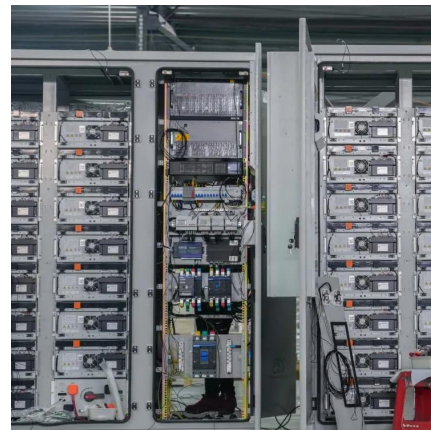
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Energy storage is rapidly emerging as a vital component of the global energy landscape, driven by the increasing integration of renewable ...

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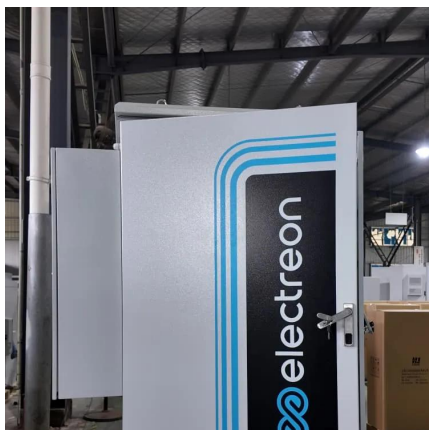
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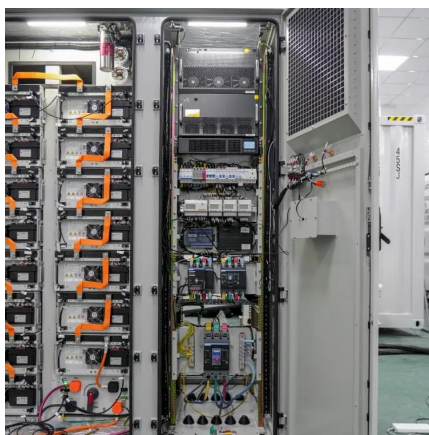




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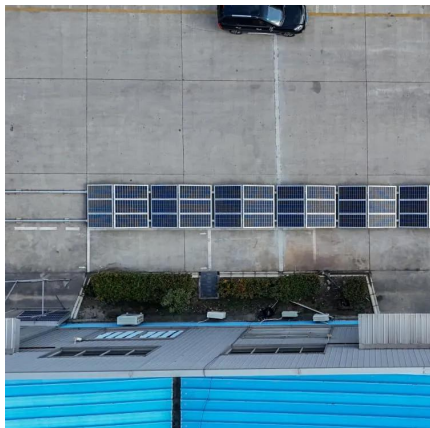
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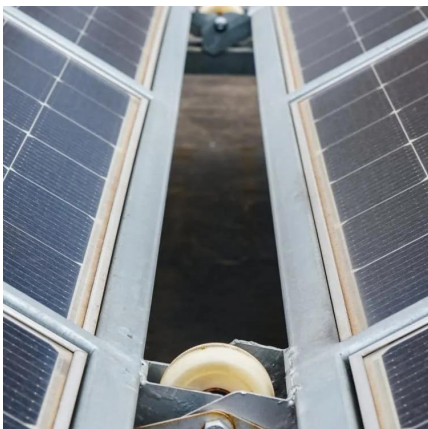
Space heating and cooling account for up to 40% of the energy used in commercial buildings.<sup>1</sup> Aligning this energy consumption with renewable energy generation through practical and ...

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