

# The latest new energy storage solutions



## Overview

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Sodium-ion batteries are entering commercial production with 20% lower costs than LFP, flow batteries are demonstrating 10,000+ cycle capabilities for long-duration applications, and emerging technologies like iron-air batteries promise 100+ hours of storage at costs competitive with. Sodium-ion batteries are entering commercial production with 20% lower costs than LFP, flow batteries are demonstrating 10,000+ cycle capabilities for long-duration applications, and emerging technologies like iron-air batteries promise 100+ hours of storage at costs competitive with. E-Storage, Canadian Solar's energy storage subsidiary and owner and operator Sunraycer Renewables have entered into agreements for the supply and long-term servicing of two battery energy storage systems (BESS) in Franklin County, Texas, US. The European Investment Bank (EIB) has invested €24. From iron-air batteries to molten salt storage, a new wave of energy storage innovation is unlocking long-duration, low-cost resilience for tomorrow's grid. In response to rising demand and the challenges renewables have added to grid balancing efforts, the power industry has seen an uptick in. US energy storage provider Fluence Energy Inc (NASDAQ:FLNC) on Wednesday reported a net loss of USD 62. 1m) for its first fiscal quarter through December, expanding from USD 57 million a year ago, reflecting increased administrative, and sales and marketing expenses. As the global energy transition accelerates, the need for reliable, scalable and cost-effective energy storage solutions has never been. Battery Storage Costs Have Reached Economic Viability Across All Market Segments: With lithium-ion battery pack prices falling to a record low of \$115 per kWh in 2024—an 82% decline over the past decade—energy storage has crossed the threshold of economic competitiveness. Utility-scale systems now. Delivered quarterly, the US Energy Storage Monitor from the American Clean Power Association (ACP) and Wood Mackenzie Power & Renewables provides the clean power industry with exclusive insights through comprehensive research on energy storage markets, deployments, policies, regulations and.

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### Energy-Storage.News

A framework for the "development, utilisation and commercialisation of energy storage systems" in the Philippines has been passed by the House of Representatives.

### [New Long Duration Energy Storage Kisses Fossil Fuels Goodbye](#)

A new long duration energy storage system that deploys molten tin for heat transfer has received \$20 million in Series A Plus funding.



### [10 cutting-edge innovations redefining energy storage solutions](#)

From iron-air batteries to molten salt storage, a new wave of energy storage innovation is unlocking long-duration, low-cost resilience for tomorrow's grid. As the global energy transition ...

### [Beyond Lithium: The Next Frontier In Energy Storage](#)

Global demand for energy storage is surging. Lithium-ion leads today, but new contenders like sodium-ion, flow, and gravity systems are shaping the future grid.



### [U.S. Energy Storage Monitor , ACP](#)

US energy storage installations reached new heights with 5.3 GW installed and positive five-year growth projections. Delivered quarterly, the US Energy Storage Monitor from the American ...



### [10 cutting-edge innovations redefining energy storage solutions](#)

Here are ten notable innovations taking place across different energy storage segments, as highlighted in GlobalData's Emerging Energy Storage Technologies report.



### [Top 10 Energy Storage Trends & Innovations , StartUs Insights](#)

Key trends include advancements in lithium-ion and solid-state batteries, hybrid energy storage systems, long-duration storage solutions, smart grid integration, and the rise of virtual power ...



### [Renewable Energy Storage: Complete Guide to Technologies, ...](#)

Comprehensive guide to renewable energy storage technologies, costs, benefits, and applications. Compare battery, mechanical, and thermal storage systems for 2025.



### [The coolest new energy storage technologies](#)

From rust to sand to gravity, new techniques are making it happen. Solar and wind energy systems require some means of saving power for times when the sun doesn't shine and the wind ...



### [Energy Storage News , Today's latest by Renewables Now](#)

Latest news on energy storage projects, BESS, capacity expansion, and regulatory updates across Europe, US & Canada, Latin America, and Asia Pacific. Discover how energy storage ...



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