

Title: New energy storage and new energy

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By the end of December 2025, China's cumulative installed capacity of new energy storage technologies including lithium-ion reached 144.7GW, representing an 85% year-on-year rise.

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.

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

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 ...

Breakthroughs in battery technology are transforming the global energy landscape, fueling the transition to clean energy and reshaping industries from transportation to utilities.

This article delves into the latest breakthroughs in energy storage and explores how these innovations, combined with the development of next-generation fuels, are transforming the way we ...

Recommendations for tailored energy storage solutions in diverse applications. This review investigates the integration of renewable energy systems with diverse energy storage ...

This comprehensive guide will explore the complete spectrum of renewable energy storage technologies, from established solutions like pumped hydroelectric storage to cutting-edge ...

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