

New energy storage attracts attention

Particular attention is paid to new innovations in energy storage systems for enhancing the efficiency, effectiveness, and sustainability of renewable energy sources, particularly addressing key ...

According to Deng Simeng, a senior analyst in renewables and power research at global consultancy Rystad Energy, battery storage is drawing significant attention due to its crucial role and benefits, ...

By storing energy when supply exceeds demand, energy storage solutions can help balance the grid, enhance energy access, and promote the widespread adoption of renewable ...

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.

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.

Researchers, engineers and other concerned parties frequently investigate new storage possibilities, knowing that diverse options should raise people's willingness to use renewable energy ...

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 ...

Transitioning to renewable energy is vital to achieving decarbonization at the global level, but energy storage is still a major challenge. This review discusses the role of energy storage in the ...

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

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



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