
The Department of Energy (DOE) Loan Programs Office (LPO) is working to support deployment of energy storage solutions in the United States to facilitate the transition to a clean energy ...

These innovative CO2 batteries from Energy Dome promise long-duration energy storage for the grid, and reliable 24/7 clean power for data centers.

"Recent climate events highlight the urgency of transitioning to clean energy solutions. Solar power paired with battery storage is a vital strategy to support reliability for the ...

Here are ten notable innovations taking place across different energy storage segments, as highlighted in GlobalData"s Emerging ...

Renewable energy needs backup storage. From rust to sand to gravity, new techniques are making it happen.

Energy storage - particularly battery storage - has become a key resource in the state"s energy transformation. Battery systems ...

In 2025, capacity growth from battery storage could set a record as we expect 18.2 GW of utility-scale battery storage to be added to the grid. U.S. battery storage already achieved record ...

MITEI"s three-year Future of Energy Storage study explored the role that energy storage can play in fighting climate change and in the global adoption of clean energy grids. Replacing fossil ...

Energy storage - particularly battery storage - has become a key resource in the state"s energy transformation. Battery systems capture power produced by wind and solar ...

Building US domestic energy storage manufacturing capacity will require more than limiting foreign participation, writes Aaron Marks of Intertek CEA.

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Battery energy storage system (BESS) deployment in the United States is accelerating as rising power demand, including from data centres, drives the need for flexible capacity and grid support.

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