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The Indian Ministry of Power has ordered all battery energy storage system (BESS) projects supported under the viability gap funding (VGF) scheme to meet a minimum ...

Hydrogen storage is a key enabling technology for the advancement of hydrogen and fuel cell technologies in power and transportation applications.

The company plans to construct its new vanadium flow battery plant, K2, which is expected to produce triple the current capacity of its K1 ...

AI, a game-changer, offers new possibilities for improving the efficiency and reliability of H 2 storage systems. Technologies like solid ...

The forthcoming K2 Plant will be a pivotal asset, enabling us to meet the growing global demand for sustainable long-duration energy ...

The energy storage industry walked a bumpy road in 2025, but eyes are turning toward 2026"s tech stack. While lithium-ion remains dominant, pressure is building for longer ...

Could sodium-sulfur technology transform energy storage? Duke Energy would like to know, which is why it"s launching a pilot project ...

Discover how battery storage in 2025 is transforming energy systems--balancing grids, enabling EV growth, and accelerating the global transition to renewables.

After supporting black-start and grid forming requirements of the microgrid, Energy Vault"s B-VAULT(TM) DC battery technology works in concert with the fuel cells, ensuring ...

Battery industry breakthroughs in 2025 reshaped cost, chemistry, software, and scale, setting a disciplined roadmap toward terawatt maturity.

This facility will significantly expand H2"s manufacturing capacity to 1.2 GWh per annum, marking a major milestone in the global flow battery and long-duration energy storage ...

After supporting black-start and grid forming requirements of the microgrid, Energy Vault"s B-VAULT(TM) DC battery technology works in ...

Energy storage beyond lithium ion explores solid-state, sodium-ion, and flow batteries, shaping next-gen energy storage for EVs, grids, and future power systems.

AI, a game-changer, offers new possibilities for improving the efficiency and reliability of H 2 storage systems. Technologies like solid-state storage materials, cryogenic ...

The company plans to construct its new vanadium flow battery plant, K2, which is expected to produce triple the current capacity of its K1 Plant, which stands at 330 MWh per ...

Note: Required spread for a two-hour battery project assuming revenues cover project costs of EUR360,000/MWh in 2024, for previous years assumes BNEF"s Europe energy storage system ...

2025 was a pivotal year for energy storage: Global grid-scale BESS deployments surged by 23%, adding a staggering 92 GW / 247 GWh worldwide, driven by falling costs of ...

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