

In recent years, the drive toward sustainability and environmental stewardship has led many farmers to explore renewable energy sources for their agricultural operations. Ecofarms, which ...

These models specifically address the restoration of electrical grids, including the energization paths and time of the transmission network, while accounting for the unique power output traits ...

NTPC Green Energy Limited (NGEL), a subsidiary of NTPC Limited, has entered into a Memorandum of Understanding (MoU) with Bihar State Power Generation Company Limited (BSPGCL) to jointly develop battery energy storage ...

TPREL secures 120 MWh BESS battery energy storage purchase agreement from NHPC for KSEB The project will play a vital role in addressing peak power demand, enhancing grid flexibility, and enabling seamless integration of ...

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 solutions support renewable energy ...

In grids with high renewable penetration, hydrogen-based storage offers unmatched long-duration capabilities and grid stability. Policymakers weighing storage investments must consider more than just cost per kilowatt-hour, the ...

Google has announced a significant global partnership with the Milan-based startup Energy Dome, along with an investment in its long-duration energy storage (LDES) technology aimed ...

India added a record 22 gigawatts (GW) of renewable energy capacity in the first half of 2025, marking a 57 per cent increase from the 14.2 GW installed in the same period last year, ...

It paves the way for the joint development of battery storage and renewable energy facilities aimed at enhancing the state's energy resilience and aligning with national sustainability goals.

Google has announced that it has signed a global commercial partnership with Milan-based startup Energy Dome and has also invested in its long duration energy storage (LDES) tech ...

Flow batteries represent a unique class of high voltage energy storage systems. They utilize liquid electrolytes containing dissolved energy-carrying chemicals, which flow through a reactor ...



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Pilot tests of an aquifer thermal energy storage (ATES) system are underway by Mitsubishi Heavy Industries Thermal Systems and Osaka Metropolitan University in Osaka, Japan. The system ...

Google enters long-duration energy storage (LDES) with a global commercial partnership and investment in Energy Dome. Energy Dome's CO₂ Battery stores clean energy for 8-24 hours, ...

Efficient thermal storage technologies, such as aquifer thermal storage and thermal batteries, convert electricity into heat and store it for days or weeks, achieving efficiencies of around 70%. For example, projects such as ...



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