

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, ...

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 ...

The MoU covers the development of battery energy storage systems (BESS) and renewable energy projects, including solar and hybrid solutions, to strengthen the state's energy security ...

) Guinea's economic growth accelerates, but reforms to make growth more inclusive and enhance domestic resource mobilization are critical for long-term development. Conakry, July 1, 2025 - ...

As renewable energy uptake rises, it will be crucial to monitor high-growth areas of expansion, like offshore wind and distributed systems, full-cost factors of incorporation like storage and smarter grids, as well as the flexibility ...

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 ...

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 ...

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 ...

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 ...

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 ...

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.

Energy storage containers make it easier to integrate higher proportions of renewable energy into existing grids without extensive infrastructure upgrades. They help utilities and grid operators ...

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 ...

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, ...

Battery energy storage systems (BESS) can help the Philippines transition to more renewable and reliable energy grids, according to global professional services company GHD. GHD, however, ...

5. Next-Gen Energy Storage: The Heartbeat of Renewables Renewable energy is abundant--but not always reliable. The sun sets. The wind dies. Without effective storage, these fluctuations ...



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