

SLSEA - Sri Lanka Sustainable Energy Authority As the governing body responsible for pioneering the sustainable energy revolution in Sri Lanka, we aim to facilitate the development of our nation's rich energy resources, ...

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 ...

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 ...

Renewable energy, usable energy derived from replenishable sources such as the Sun (solar energy), wind (wind power), rivers (hydroelectric power), hot springs (geothermal energy), tides (tidal power), and biomass ...

Qiao will also persist in his quest to optimise renewable energy and its storage by gaining deeper insights into catalytic processes and experimental methods, continuing his rapid progress in as ...

This interview with Jenny Fletcher, CEO of Ariya Finergy, offers a comprehensive look into the company's mission and operations across East Africa. Founded in 2016, Ariya Finergy ...

By incorporating storage, thermal plants can absorb excess renewable energy during peak generation and discharge it when renewable output is low or demand is high, maintaining a ...

The challenges to renewables from transmission, seasonal storage, grid flexibility, demand response, and digitization (among others) are substantial, but the benefits from zero-cost inputs, clean air, and energy security continue ...

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 ...

Israel's Augwind Energy has announced plans to build the world's first commercial-scale AirBattery energy storage facility in Germany, marking a major breakthrough in the race to ...

By 2035, system costs could rise in both geographies, renewable energy adoption may stall in the United States, and solar and wind deployment could soften in the EU. The analysis also suggests that higher tariffs would increase the share of ...



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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 ...

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 ...

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.

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 ...

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The year 2024 was a milestone in the global energy transition. Renewable energy didn't just make gains, it shattered records and established itself as the undisputed economic powerhouse of ...

Hydrogen storage is emerging as a long-duration solution for renewable energy systems, offering grid stability despite lower efficiency and higher costs. The Oxford Institute for Energy Studies ...



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