

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, ...

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 ...

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 ...

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 ...

The objective of this study is to assess the optimal design of hybrid renewable energy systems (HRES) to achieve a 100% energy supply for a research institute located in mid-south ...

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 ...

Bihar Green Energy Policy: The Bihar government has signed four significant MoUs worth INR5,337 crore to develop renewable energy projects totaling 2,357MW, promoting clean energy and ...

The curriculum covers a wide range of strategic topics including renewable energy markets, financial modelling, grid management, battery storage, green hydrogen, critical minerals, and ...

Battery storage, hybrid systems, combining solar, wind and BESS as well as digital technologies are increasingly vital for integrating variable renewable energy. Artificial intelligence (AI) ...

RABAT (Reuters) -Morocco plans to build a 500 megawatt data centre powered by renewable energy to strengthen security of data storage, its digital transition minister said. The centre will...

Morocco is making headlines for its bold leap into the solar energy frontier, setting out to generate over 52% of its electricity from renewables by 2030. As of early 2025, fresh figures from the ...

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The Oxford Institute for Energy Studies has found that hydrogen-based power-to-power, or PtP, technology could be crucial for global energy grids as they navigate the rising share of variable renewable energy, despite its ...

Rabat and Algiers are increasingly leveraging whatever advantages they enjoy--whether in terms of energy and trade with their neighbors or the ability to stem the flow of undocumented migrants to Europe--to further their domestic ...

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.

Altkin has installed 600 solar panels at its production plant in Aïn Atiq, Rabat, Morocco, enabling the plant to meet 30% of its energy needs through solar power. The project, completed in ...



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