

The IESA Annual Report 2025 is a comprehensive reference that captures a pivotal year in India's clean energy ecosystem. It covers key dev...

A one-stop data platform with information across India's climate, energy, economy and environment contours.

Recently, Sineng Electric has successfully delivered 576MW of energy storage inverters to the Khavda Energy Base in India.

India has set a national target to meet 4% of its electricity demand with energy storage by 2030, translating to around 200-250 GWh of grid-scale storage capacity (Ministry of Power Order, 22 July ...

Explore the largest BESS projects in India in 2025, including NTPC's 4,000 MWh Thermal BESS, ReNew Andhra Pradesh Hybrid BESS, and JSW Energy's Kerala and Rajasthan storage projects.

Battery Energy Storage System is Crucial for India's Energy Transition The emergence of Battery Energy Storage Systems highlights the need for adaptability and long-term thinking in ...

^Large Hydro includes 7175.6 MW Pumped Storage # Excluding Nuclear Capacity of 100 MW, which is under outage for very long time, and have been removed temporarily w.e.f. 31.05.2025 For more ...

Between 2022 and May 2025, India auctioned approximately 12.8GWh of battery energy storage system (BESS) capacity for both hybrid and standalone applications. However, only about ...

Energy storage is critical towards ensuring grid reliability, security, and cost optimisation given India's growing share of renewable energy in its power purchase mix.

India's battery energy storage capacity is set to rise nearly ten-fold to around 5 GWh in 2026 from 507 MWh in 2025, reflecting a shift from tendering to execution of projects.

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