

Espay Solar Energy S.L.

New energy storage battery project in India



Overview

NEW DELHI | 8 May, 2025 — The GEAPP Leadership Council (GLC) today officially announced the launch of India's first utility-scale, standalone Battery Energy Storage System (BESS) project, the largest of its kind in South Asia. India's battery energy storage system (BESS) market is witnessing explosive growth, with installations soaring from just 51 MWh in 2023 to over 341 MWh in 2024, a more than sixfold increase. Globally, new solar and wind projects are now integrating modern energy storage systems to ensure a reliable energy supply.

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India's First Utility-Scale Standalone Battery Energy Storage System

NEW DELHI , 8 May, 2025 -- The GEAPP Leadership Council (GLC) today officially announced the launch of India's first utility-scale, standalone Battery Energy Storage System (BESS) project, the ...

India's record-low battery storage bids raise concerns over project

Record-low bids to build battery energy storage systems in India have sparked fears that some projects could be economically unviable and even pose safety risks, industry experts and



Top 5: Battery Energy Storage Projects Commissioned in India

Here is a list of the top five notable commissioned battery energy storage projects in India, leading the way in supporting the nation's renewable energy expansion.

Adani Group to build India's largest battery storage project

Adani Group has entered the BESS sector with a 1,126 MW/3,530 MWh project at its Khavda renewable energy complex, which it describes as the world's largest renewable plant. The ...



Top 7 Largest Battery Energy Storage Projects in India 2025

In this blog, we explore the top 7 biggest battery energy storage projects in India in 2025, highlighting their capacities, technologies, and strategic importance in supporting grid stability and renewable ...

India's energy storage projects installation to surge 10-fold to

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.



India's battery storage boom: Getting the execution right

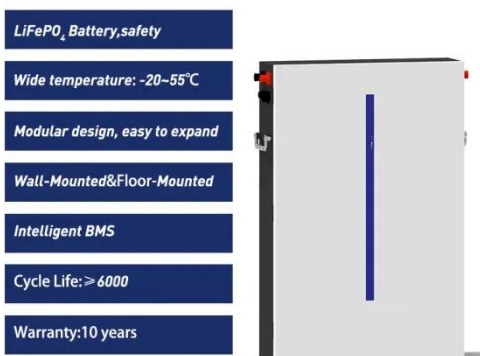
Between 2022 and May 2025, India auctioned approximately 12.8GWh of battery energy storage system (BESS)

capacity for both hybrid and standalone applications. However, only about ...



India's energy storage projects installation to surge 10-fold to 5GWh

The nation will see nearly 10-fold jump to battery energy storage capacity addition to 5GWh this year from 507 MWh in 2025 mainly due to huge backlog of project under execution, ...



IFC and IndiGrid Partner to Build India's Largest Utility-Scale Energy

New Delhi/Mumbai, 02 July 2025 - To further strengthen India's renewable energy infrastructure, IFC and IndiGrid [BSE: 540565, NSE: INDIGRID] have partnered to develop a 180 MW/360 MWh ...

India: Adani makes 'strategic entry' into battery storage with 3.5GWh

India's Adani Group has made its first entry into the battery storage market,

announcing a 'flagship deployment' that will be the country's largest project so far when completed.



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