



# Indian-scale energy storage projects





## Overview

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Between 2022 and May 2025, India auctioned approximately 12.8 GWh of battery energy storage system (BESS) capacity for both hybrid and standalone applications. However, only about 219 MWh of BESS capacity is reported to be operational, leaving a large pipeline of projects. 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 standalone battery energy storage system project in Gujarat. The project is designed to play a key role in India's rapidly increasing hybrid (renewable energy + battery storage) tenders to increase the share of renewables in total power generation. This is the first project led by the BESS Consortium, a. With increasing government support and clear targets, India's BESS market has increased, and installations rose from 51 MWh in 2023 to over 341 MWh in 2024 (source). The government has mandated co-located storage for new solar projects (at least 2-hour storage or 10% of capacity) and announced. ENGIE has achieved a major milestone in its India growth journey by winning its first Battery Energy Storage System (BESS) project with a capacity of 280 MW/560 MWh.



## Indian-scale energy storage projects



### [India's battery storage boom: Getting the execution right](#)

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### [India's Energy Storage to Grow 5X by 2032, Driven by INR4.79 Lakh ...](#)

At the heart of this momentum is the strategic push by the Government of India and various state authorities, backed by institutions like SECI, NTPC, and SJVN, to advance energy ...



### [ENGIE enters India's utility-scale energy storage market with a ...](#)

As a strategic growth market for ENGIE, the Group aims to increase its installed renewable energy and storage capacity in India to 7 GW by 2030. This new development also ...



### [IFC and IndiGrid Partner to Build India's Largest Utility-Scale Energy](#)

Battery energy storage is critical for diversifying India's energy mix and ensuring clean power is available when demand is highest. IndiGrid has been a trusted partner to IFC in advancing ...



### [Engie secures its first large scale hybrid project in India with 200 MW](#)

In an increasingly unpredictable global energy landscape, enabling firm, clean power isn't just a technical breakthrough, it's a strategic imperative. By integrating long-duration storage with ...



### [Top 10 Battery Energy Storage \(BESS\) Companies in India](#)

Explore the top 10 BESS companies in India driving grid stability, renewable integration, and energy storage growth through policy support and large-scale deployments.



### [India's energy storage projects installation to surge 10-fold to 5GWh](#)

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.

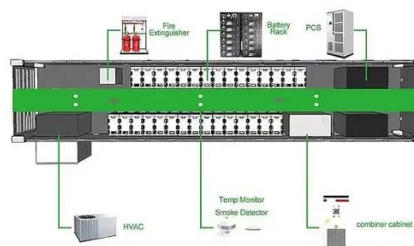


### [India's Solar & Storage Momentum in](#)



## 2026: Policy, Projects, and the

India's solar and energy storage sector enters 2026 with unprecedented momentum. This in-depth SolSetu analysis explores policy shifts, project execution realities, financing trends, and ...



## India's First Utility-Scale Standalone Battery Energy ...

The GEAPP Leadership Council (GLC) today officially announced the launch of India's first utility-scale, standalone BESS project.

## **STRATEGIC PATHWAYS FOR ENERGY STORAGE 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 ...





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