

Centralized energy storage project in Mumbai India





Overview

Will Tata Power install a 100 MW battery energy storage system in Mumbai?

Mumbai, 7th April, 2025 – Tata Power, India's largest integrated power company and a trusted electricity provider to approx. 8 lakh residential and commercial consumers, has received approval from the Maharashtra Electricity Regulatory Commission (MERC) to install a 100 MW Battery Energy Storage System (BESS) in Mumbai over the next two years.

Where will a 100MW power system be installed in Mumbai?

The complete 100MW system will be installed across ten strategically located sites, particularly near load centres across Mumbai Distribution, centrally monitored and controlled from Tata Power's power system control centre.

How will a power system improve Mumbai's power network resilience?

This will prevent large-scale blackouts and enhance Mumbai's power network resilience. Additionally, the system's sophisticated technology will optimize reactive power management, improving peak demand efficiency and strengthening the city's power infrastructure.

Where is Tata Power's power storage system located?

It will be centrally monitored and controlled from Tata Power's Power System Control Center (PSCC) in Mumbai, which has operated as a load dispatch centre since 1950. The storage system will connect to the city's electricity distribution network to serve multiple functions.



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Tata Power BESS to support critical infrastructure in Mumbai

Apr 8, 2025 · Battery racks at a Tata Power BESS project. Image: Tata Power. Electric utility and generation company Tata Power has received regulatory approval to deploy a centrally ...

Tata Power to Install 100 MW BESS in Mumbai

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