

Battery energy storage system in Mumbai



Overview

Tata Power will install a 100 MW battery energy storage system to facilitate peak load management in Mumbai's power network. - 100 MW BESS will be installed across 10 strategic locations in Mumbai over the next two years - Will ensure uninterrupted power supply to critical infrastructure such as the Metro, Hospitals, Airport, and Data Centers during grid disturbances, and will support grid through islanding to prevent . Tata Power's April 2025 winning bid to install a 100MW battery energy storage system (BESS) in Mumbai marks a pivotal moment in India's energy transition. With India targeting 500GW non-fossil capacity by 2030 and a projected \$32bn storage market, Tata Power is expanding nationwide, leveraging its . 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 ambitious project, slated for installation across ten locations over the next two years, addresses the critical challenges of increasing energy demand and the imperative for sustainable energy solutions facing Indian cities. The project will be completed over the next two years. The system includes advanced 'black start' functionality.

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Leading The Battery Storage Charge

In April 2025, when Tata Power secured a bid to install a 100MW battery energy storage system (BESS) in Mumbai, it signalled more than a portfolio expansion - it marked an inflection point for one of

Tata Power to install 100MW Battery Storage System in Mumbai

Tata Power's regulatory approval to deploy a 100MW Battery Energy Storage System (BESS) across Mumbai marks a significant step towards bolstering the city's power infrastructure and



[Tata Power to Install 100MW Battery Energy Storage System in Mumbai](#)

April 2025 : Tata Power 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.

[Tata Power to Install 100MW Battery Energy Storage System \(BESS\) in Mumbai](#)

The entire 100 MW system will be installed across 10 strategically located sites, especially near load centres across Mumbai Distribution, centrally monitored and controlled from Tata Power's Power



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Tata Power will install a 100 MW battery energy storage system to facilitate peak load management in Mumbai's power network. It will implement the system across ten strategically

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