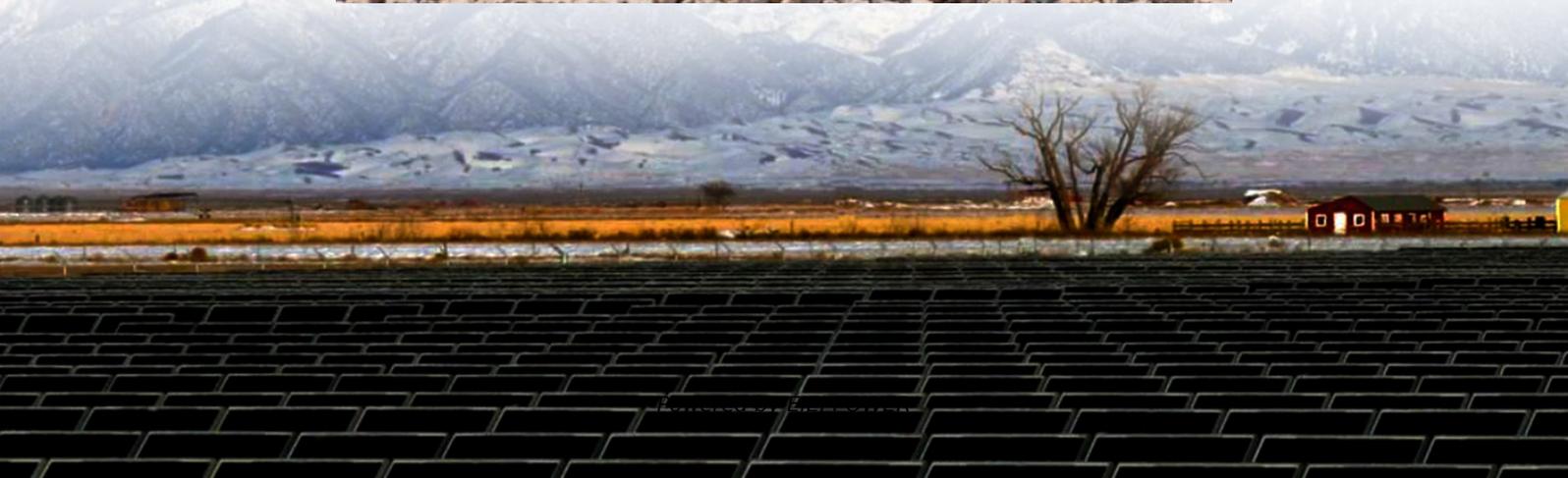


Planning of energy storage power station in western Mumbai India





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 Tata Power install a 100 MW power system?

The entire 100 MW system will be installed across ten strategically located sites, especially near load centres across Mumbai Distribution, centrally monitored and controlled from Tata Power’s Power System Control Center.

Why is energy storage important in India?

Energy storage helps maintain grid reliability Existing and under-construction thermal power plants combined with hydropower, nuclear, and energy storage capacity enable India to meet electricity demand dependably—in every hour of the year in each state—with 456 GW of installed RE capacity in 2030 and 524 GW in 2032 (excluding large hydro).

How will Tata Power's Bess deployment fulfil energy storage obligations?

Additionally, Tata Power’s BESS deployment will also fulfil energy storage Obligations. 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 System Control Center (PSCC).



Planning of energy storage power station in western Mumbai India



Tata Power to install 100 MW battery energy storage system in Mumbai

Apr 7, 2025 · 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 ...

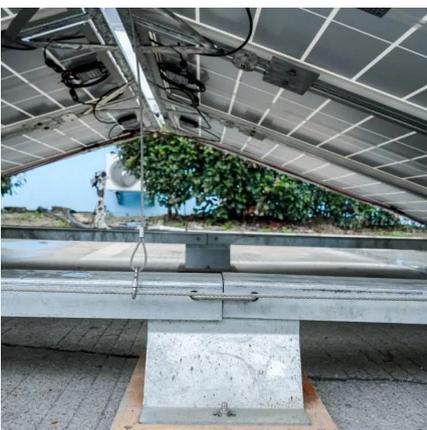
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4 days ago · The system will have high round-trip efficiency with reduced auxiliary consumption, thereby enhancing operational performance and ...



[Development of stationary battery storage systems in India](#)

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Tata Power to install 100MW Battery Storage System in Mumbai

Apr 7, 2025 · 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 ...



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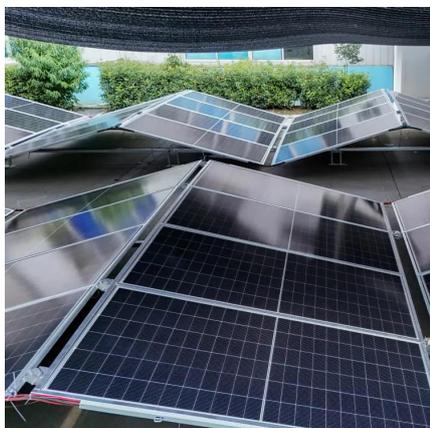


Tata Power obtains permit to build 100-MW battery in Mumbai

Apr 8, 2025 · Indian electric utility Tata Power Co Ltd (BOM:500400) has won approval to install a 100-MW battery energy storage system (BESS) in Mumbai, a facility that will allow a swift ...

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MERC Approves Tata Power's 100MW Battery Energy Storage Project in Mumbai

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