



BUHLE POWER

# How much does energy storage power cost in Mumbai India





## Overview

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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.

How much does a PV battery cost in India?

(PPA) prices and bottom-up cost analyses of standalone batteries and solar PV-plus-storage systems. Scaling unsubsidized U.S. PV-plus-storage PPA prices to India, accounting for India's higher financing costs, they estimate PPA prices of Rs. 3.0-3.5/kWh (4.3-5¢/kWh) for about 13% of PV energy stored in the battery and installation years 2021-20.

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.

How much does a kWh cost in India?

em in India are \$203/kWh in 2020, \$134/kWh in 2025, and \$103/kWh in 2030 (all in 2018 real dollars). When co-located with



## How much does energy storage power cost in Mumbai India



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### [Figure 1. Recent & projected costs of key grid](#)

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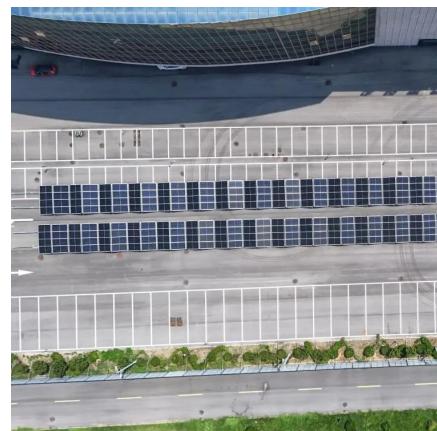
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