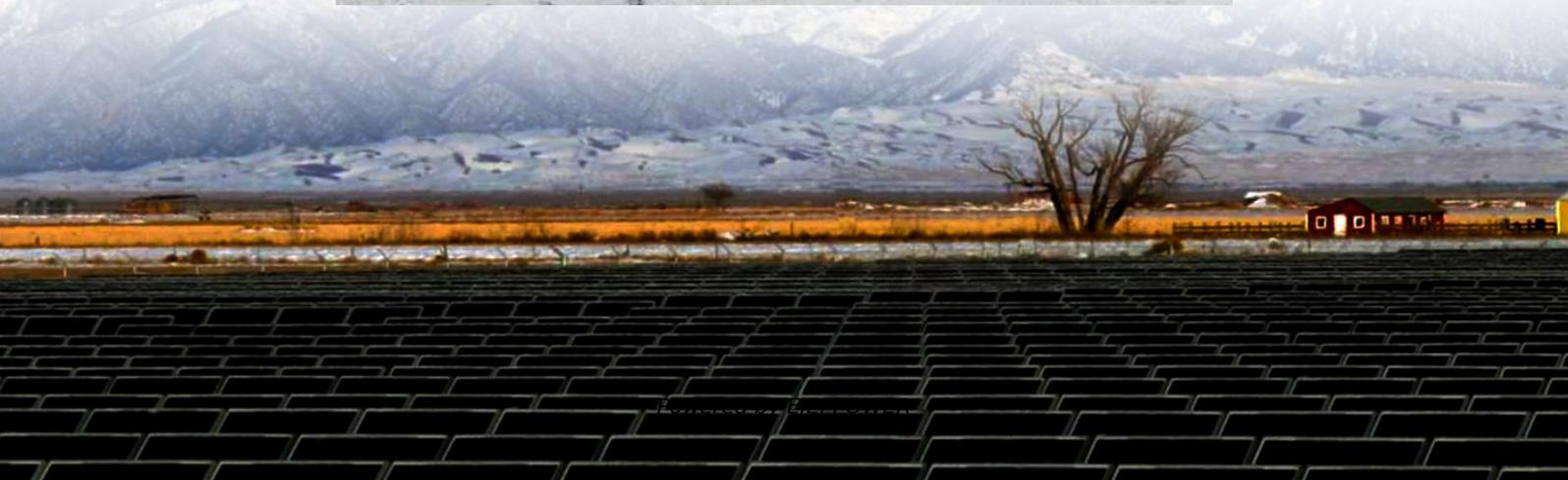
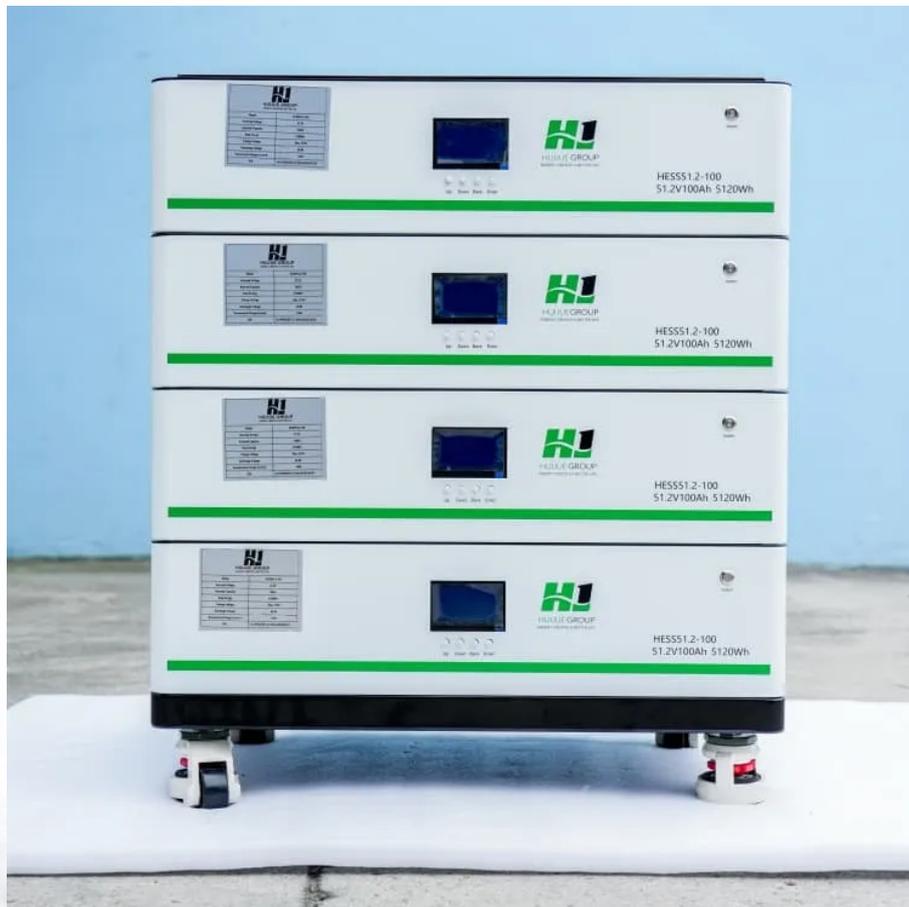


# Solar container lithium battery Energy Storage Power Station in Mumbai India





## Overview

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Marking a significant milestone in its emissions reduction journey, PSA Mumbai is now India's first 100% renewable energy-powered container terminal following the commission of its 7.8MW solar farm with O2 Power. 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 battery energy storage capacity is available in India?

Between 2022 and May 2025, India auctioned approximately 12.8GWh of battery energy storage system (BESS) capacity for both hybrid and standalone applications. However, only about 219MWh of BESS capacity is reported to be operational, leaving a large pipeline of projects under construction.

Does Tata Power have a battery storage system?

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 controlled battery storage system in Mumbai, India.

Where will Tata Power's storage capacity be distributed?

While the company described the project as one system, the storage capacity will be distributed across 10 sites near load centres in India's largest city. 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.



## Solar container lithium battery Energy Storage Power Station in Mu

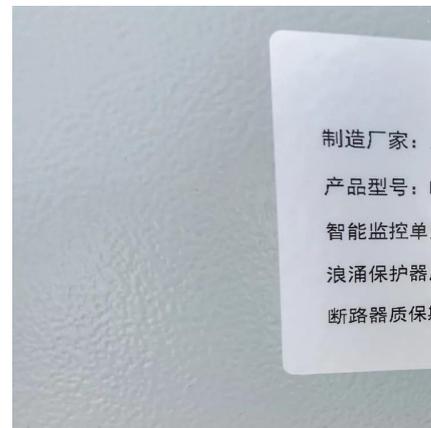


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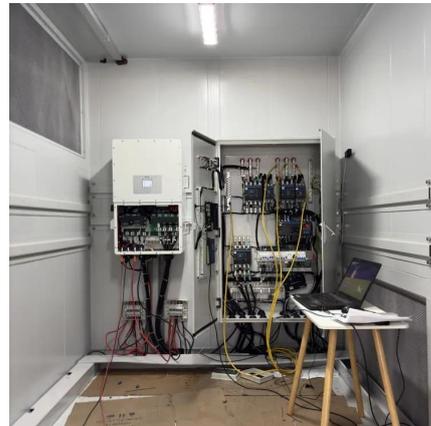


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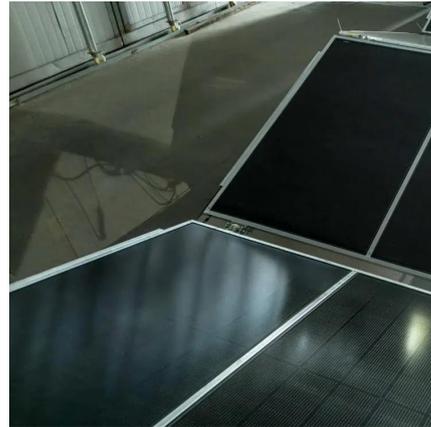
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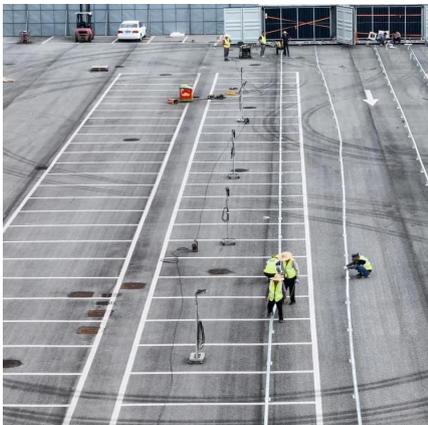


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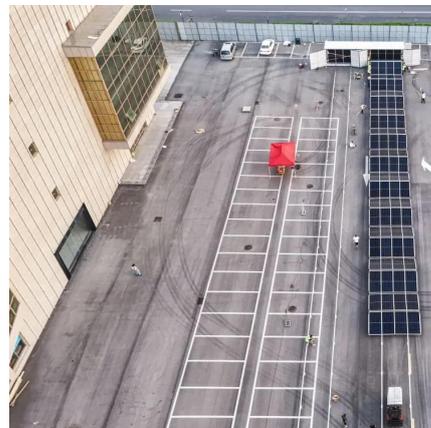


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