



Successful bid price of residential ESS project in India 2026

Which ESS tenders will increase Indian ESS capacity manifold?

The latest ESS tenders issued by Solar Energy Corporation of India (SECI) and NTPC are the first in India to combine standalone ESS with on-demand use. These two standalone ESS tenders, by SECI and NTPC, have a cumulative storage capacity of 1 GW or 4 GWh. Thus, if executed well, these projects will augment Indian ESS capacity manifold.

What are ESS tenders & NTPC tenders?

The latest standalone ESS tenders from Solar Energy Corporation of India and NTPC will augment capacity manifold and help develop the local ecosystem. Given that ESS technology is in its infancy in India, the current tenders face several technical, procurement, and regulatory challenges.

How much ESS capacity is under construction?

Under Construction 18 9.22 33.64 27.45 6.69 Operational 07 0.16 0.40 0.00 0.40 Total 106 43 153 103 51 Of the total ESS capacity, 40% is under various stages of execution, 27% is cancelled and 30% is under tendering process. As of April 2025, BESS capacity of 400 MWh is operational, with ~0.5 GWh worth capacity expected to come online by Q2 2025.

How many BESS tenders have been issued since 2022?

12 six BESS tenders totalling 5.75 GW since 2022. At the state level, Gujarat Urja Vikas Nigam Limited (GUVNL) and Maharashtra State Electricity Distribution Company Limited (MSEDCL) have further advanced adoption by issuing large-scale tenders.

What is the growth trend of BESS tenders in 2022 - 2025?

Standalone BESS Tenders Growth Trend | 2022 - 2025 The stationary storage market has seen a huge turnaround with the decreasing cost of batteries over the last 2 years. The approval of viability gap funding for the sector has further accelerated tendering activities by various central and state nodal agencies.

What are the challenges facing India's ESS market?

12 Critical Minerals Availability Crunch Additionally, India's standalone ESS market faces a significant challenge in securing a stable and affordable supply of critical minerals such as lithium, cobalt, and nickel, which

New Delhi | 08 May 2024 -- In a significant step forward for India's energy transition, the Delhi Electricity Regulatory Commission (DERC) has granted regulatory approval of India's first commercial standalone Battery Energy ...



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