



utility scale ESS tender price in India 2026

Are energy storage systems the backbone of India's utility-scale ESS auctions? Standalone Energy Storage Systems (ESS) are becoming the backbone of India's utility-scale ESS auctions, accounting for 64% of the total tenders issued between January and March alone, according to a new report by the Institute for Energy Economics and Financial Analysis (IEEFA) and JMK Research & Analytics. How much ESS capacity does India have in ? The report finds that various Indian agencies tendered 6.1 gigawatts (GW) of Standalone ESS capacity in the first three months of . "Standalone ESS are ideal to facilitate the rapid development and deployment of variable renewable energy (VRE) resources across India. How will SECI's offshore wind and concentrated solar tenders Impact India? The ability to replicate successful tender types and introduce novel tender designs will define the trajectory of utility-scale renewable energy tendering in India. SECI's offshore wind and concentrated solar tenders will unlock their market potential, which will, in turn, be crucial for India to reach its renewable energy target of 500GW by . What is the status of tenders issued by nodal agencies? In the competitive bidding space, of the total capacity tendered, 35% is in various stages of execution, 28% in under tendering process while 37% has been cancelled. The table below details the status of all 11 tenders issued by various nodal agencies since

What is the growth trend of Bess tenders in - ? Standalone BESS Tenders Growth Trend | - 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. 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 , BESS capacity of 400 MWh is operational, with ~0.5 GWh worth capacity expected to come online by Q2

Standalone energy storage systems account for 64 Standalone Energy Storage Systems (ESS) are becoming the backbone of India's utility-scale ESS auctions, accounting for 64% of the total tenders issued between January and March alone, according to a new The Standalone Energy Storage Market in India 1 Standalone Energy Storage Systems (ESS) are rapidly emerging as a key market, with 6.1 gigawatts of tenders issued in the first quarter of alone, accounting for 64% of the total India Energy Storage Linked Tenders Tracker -BOO 66% EPC 23% BOOT 7% Others 4%

As of April , 153 GWh of ESS Capacity tenders has been shared of which 56 GWh is in various stages of execution and 55 India Utility Level ESS Market With 24 tenders (10 GWh BESS, 16 GW RE), SECI remains the largest nodal agency for ESS linked tenders followed by NTPC with 12 tenders (26 GWh ESS, 4 GW RE). Q1 : ESS Accounts For 64% Utility-Scale Tendering Activity With continued battery price declines and government support, BESS will likely dominate future Standalone ESS tenders, ensuring faster and more cost-effective energy Tariff in solar+ESS auction 5.8% lower than previous In a significant development for India's renewable energy sector, a solar project integrated with energy storage has recorded a tariff of INR3.32 per unit--5.8 per cent lower than the rate discovered in a similar tender by SECI in Energy Storage Market in India



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This report includes an overview of the energy storage market in India, policy support for ESS, Grid-Scale ESS tenders and Auction Analysis, Key participants, Risks & challenges, and expectations for ESS. Utility-scale renewable energy tendering trends in The ability to replicate successful tender types and introduce novel tender designs will define the trajectory of utility-scale renewable energy tendering in India. India's utility-scale standalone energy storage market at 'critical JMK Research and IEEFA's report, ' The standalone energy storage market in India', focuses on utility-scale activity for grid-connected systems installed separately and operated Energy Storage Projects Lead SJVN Auction to Record Low Although most utility-scale "Solar + ESS" tenders issued so far are technology-agnostic, the requirement for solar co-location, along with a short commissioning timeline of 24 India's Installed Battery Storage Capacity Hits 219 MWh These measures are driving the demand for utility-scale energy storage. The INR37.6 billion (~\$452 million) Viability Gap Funding (VGF) program aims to install 4 GWh of BESS by the financial year . PowerChina receives bids for 16 GWh BESS tender The tender attracted 76 bidders, with quoted prices ranging from \$60.5/kWh to \$82/kWh, averaging \$66.3/kWh. Notably, 60 of the bids were below \$68.4/kWh, signaling competitive pricing trends in China's energy storage The Standalone Energy Storage Market in India 1 In the first quarter of , Standalone ESS tenders reached 6.1 gigawatts (GW), which accounted for 64% of all utility-scale energy storage tenders, which included all other use Polish utility plans to add 10 GWh of energy storage The contractor on the project will be LG Energy Solution Wroc?aw. The Polish unit of the Korean battery maker won the project tender offering the price of PLN 1.555 billion (\$384 million). On Monday, LG Energy The Standalone Energy Storage Market in India In the first quarter of , Standalone ESS tenders reached 6.1 gigawatts (GW), which accounted for 64% of all utility-scale energy storage tenders, which included all other use Utility-Scale Battery Storage | Large-Scale ESS Sungrow's utility-scale battery storage systems can unlock the full potential of clean energy and ensure sufficient electricity and quick responses to active power output.

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