

Global PV Storage Insights

Successful bid price of standalone energy storage project in India 2025



Overview

Telangana Power Generation Corp.'s tender for 500 MWh (250 MW x two hours) of standalone battery energy storage, connected with the state grid, has yielded a lowest price of INR 2.40 lakh (\$2,808)/MW/month from Bondada Engineering.

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ems (Standalone ESS) emerging as a key enabler. As the country rapidly scales up variable renewable energy (VRE), Standalone ESS offers a dispatchable solution to address the intermittency of renewables, su andalone ESS functions as an independent asset. Utilities, grid operators or third-party.

India awarded 5.4 GW of colocated solar plus battery energy storage systems (BESS) and 2.2 GW of standalone BESS to developers in the first half of 2025. This marks the nation's highest BESS allocation to date, says a new report by Rystad Energy. A new report by Rystad Energy says India awarded 5.4.

Bondada Engineering, Pace Digitek and TrueRE-Oriana Power have emerged winners in Telangana Power Generation Corp's tender for 250 MW/500 MWh standalone battery energy storage with viability gap funding. Telangana Power Generation Corp.'s tender for 500 MWh (250 MW x two hours) of standalone.

Standalone Energy Storage Systems (Standalone ESS) tenders reached 6.1 gigawatts (GW), which accounted for 64% of all utility-scale energy storage tenders in the first quarter of 2025, according to a report. "This capacity, issued across 11 tenders in just three months has already surpassed the.

National and regional agencies in India tendered for 9.5GW of utility-scale energy storage in the first quarter of 2025, with more than two-thirds for standalone systems. According to a new report from JMK Research and the Institute for Energy Economics and Financial Analysis (IEEFA), tenders for. How

many energy storage tenders are there in 2025?

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How many GW of energy storage systems have been tendered?

According to a new report from JMK Research and the Institute for Energy Economics and Financial Analysis (IEEFA), tenders for standalone energy storage systems (ESS) comprised 64% (6.1GW) of the total capacity put out to competitive solicitation between January and March of this year.

How much does a battery energy storage system cost in India?

"In recent auctions, battery energy storage system tenders in Maharashtra and Rajasthan secured tariffs as low as ₹219,000-221,000 per megawatt (MW) a month (US\$2,561-US\$2,586/MW/month), representing almost a 40% reduction compared with non-VGF projects with similar specifications," Sharma said.

Is ESS the cornerstone of India's utility-scale ESS auctions?

"The transition to low-cost. Standalone Energy Storage Systems (ESS) are emerging as the cornerstone of India's utility-scale ESS auctions, making up 64% of the total tenders floated between January and March 2025, according to a new report by the Institute for Energy Economics and Financial Analysis (IEEFA) and JMK Research & Analytics.

How important is energy storage in India?

In India's ambitious shift towards a cleaner energy landscape, the critical role of energy storage systems (ESS) is becoming increasingly evident, according to a collaborative report by the Institute for Energy Economics and Financial Analysis (IEEFA) and JMK Research & Analytics. Policymakers in India have acknowledged the significance of ESS.

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.

Successful bid price of standalone energy storage project in India 2



India's Energy Storage to Grow 5X by 2032, Driven by INR4.79

...

Gujarat is leading from the front, aiming to scale up its renewable capacity to 100 GW by 2030. Officials highlighted the state's ambition to integrate renewable energy with ...

NHPC Invites Bids for 500 MW/1 GWh Standalone BESS in

...

This follows NHPC's earlier tender in January for a 125 MW/500 MWh standalone BESS in Kerala (Tranche I). In recent months, several major players, including ...



Request for Selection (RfS) Document for setting up of ...

In view of the above, GUVNL hereby wishes to invite proposals for setting up of Projects of Standalone Battery Energy Storage Systems (BESS) connected with the State Grid, for an ...

REPORT ON ENERGY STORAGE SYSTEMS

Returns on standalone BESS projects to improve as vast reduction in battery prices is met with stable tariffs Standalone BESS tenders are the

primary mechanism for enhancing the capacity
...



India Energy Storage Linked Tenders Tracker 2018 -2025

As of April 2025, BESS capacity of 400 MWh is operational, with ~0.5 GWh worth capacity expected to come online by Q2 2025 Source: Tender nodal agency websites, press releases, ...

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 2025 alone, accounting for 64% of the total ...



Indian tenders for 2.9 GWh of energy storage capacity

State-owned NTPC wants national solar-plus-storage sites including 600 MW/2.4 GWh of energy storage and the state of Telangana is tendering for 250 MW/500 MWh ...

GUVNL releases 500/1000 MWh BESS tender for Gujarat

Gujarat Urja Vikas Nigam Limited (GUVNL) Gujarat Urja Vikas Nigam plans to setup 500/1000 MWh (Phase-VI) standalone Battery Energy Storage System (BESS) in ...



NHPC Invites Bids for 500 MW/1 GWh Standalone ...

NHPC has invited bids to set up 500 MW/1,000 MWh standalone battery energy storage systems (BESS) connected to the intrastate transmission system in Andhra Pradesh (Tranche II). Developers will be ...

SECI invites bids for 125 MW/500 MWh BESS in Kerala

The Solar Energy Corporation of India (SECI) has issued a tender to establish a 125 MW/500 MWh standalone battery energy storage system (BESS) in Kerala under the ...



Tamil Nadu Floats Tender for 500 MW/1000 MWh ...

Tamil Nadu Green Energy Corporation has invited bids for setting up 500 MW/1,000 MWh standalone battery energy storage systems (BESS) in six locations on a build-own-operate model in Tamil Nadu. Bids ...

SECI Invites Bids for 125 MW/500 MWh Battery ...

The successful bidder will be awarded the project and will be responsible for the delivery of the contracted capacity, as outlined in the Battery Energy Storage Purchase Agreement (BESPA). The total contracted capacity ...



SECI Invites Bids for 2 GWh Standalone Energy Storage Systems

The Solar Energy Corporation of India (SECI) has invited bids to set up 1,000 MW/2,000 MWh standalone battery energy storage systems in India under tariff-based global ...

India's GUVNL tenders 1 GWh of standalone battery energy storage

Gujarati utility GUVNL has invited bids to set up 500 MW/1 GWh of grid-connected, standalone BESS in the state. Successful bidders will secure a battery energy ...



[NEW DELHI ./ Petition No. 138/AT/2024](#)

Sub: Selection of Pilot Projects of Standalone Battery Energy Storage Systems under RfS for setting up of Pilot Projects of 500 MW/1000MWh Standalone Battery Energy Storage Systems ...

Bihar Tenders 125 MW/500 MWh Standalone BESS

Bihar State Power Generation Company (BSPGCL) has invited bids to set up 125 MW/500 MWh standalone battery energy storage system (BESS) with viability gap funding ...



JSW Energy Secures SECI's 125 MW/500 MWh ...

JSW Energy has secured a contract to develop a 125 MW/500 MWh standalone battery energy storage system (BESS) in Kerala through the Solar Energy Corporation of India's (SECI) latest auction. The company won ...

Rajasthan's regulator approves 'lowest tariff rate in ...

The electricity regulator for Rajasthan, India, has approved the lowest tariff rate for a battery storage tender in the country so far.



Evolution of Grid-Scale Energy Storage System Tenders in ...

Executive Summary Energy Storage Systems (ESS) will be the next major technology in the power sector over the coming decade. The latest standalone ESS tenders from Solar Energy ...

NVVN Issues Tender for 250 MW/1,000 MWh ...

NTPC Vidyut Vyapar Nigam (NVVN) has issued a request for selection for developers to set up interstate transmission system (ISTS)-connected 250 MW/1,000 MWh standalone battery energy storage systems ...



REPORT ON ENERGY STORAGE SYSTEMS

This price rationalisation is expected to lead to the realization of sustainable IRR for projects, which should ideally reduce the currently high cancellation rate of tenders and improve lender ...

Indian utility tenders 1 GWh of standalone battery storage

NTPC Vidyut Vyapar Nigam Ltd is procuring 1,000 MWh (500 MW x 2 hours) of battery energy storage storage systems (BESS) in Rajasthan. The projects are eligible for ...



Bondada, Oriana and Pace Win Telangana's 250 ...

Successful bidders can avail viability gap funding (VGF) of INR2.7 million (~\$32,114)/MWh or 30% of the project's capital cost, whichever is lower. Telangana aims to achieve 3,805 MW and 7,917 MW of BESS and pumped ...

Standalone BESS Tenders India Feb 2025 1742451169

The document outlines a significant 66% drop in tariff for standalone battery storage tenders over two years, despite increased storage penetration and stricter resource requirements. The ...



Telangana Seeks Bids for 250 MW/500 MWh ...

The minimum bid size has been set at 100 MWh, equivalent to 50 MW for two hours. Successful developers must commission the project within 18 months of signing the battery energy storage purchase agreement, which ...

NVVN Issues Tender for 250 MW/1,000 MWh Standalone BESS

NTPC Vidyut Vyapar Nigam (NVVN) has issued a request for selection for developers to set up interstate transmission system (ISTS)-connected 250 MW/1,000 MWh ...



Telangana's 250 MW/500 MWh battery storage tender ...

Bondada Engineering, Pace Digitek and TrueRE-Oriana Power have emerged winners in Telangana Power Generation Corp's tender for 250 MW/500 MWh standalone battery energy storage with viability gap funding.

India's First Utility-Scale Standalone Battery Energy ...

NEW DELHI , 8 May, 2025 -- The GEAPP Leadership Council (GLC) today officially announced the launch of India's first utility-scale, standalone Battery Energy Storage System (BESS) project, the largest of its kind in South Asia. ...



Sarala, Oriana and Pace win KPTCL's 1 GWh Standalone BESS ...

Sarala Project Works, Oriana Power, and Pace Digitek are winners in Karnataka Power Transmission Corporation's (KPTCL) auction to set up 500 MW/1,000 MWh grid ...

Energy Storage Systems (ESS) Projects and Tenders

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 NEW AND RENEWABLE ...



Gaining Momentum: Recent trends in standalone ...

In February 2025, the Solar Energy Corporation of India (SECI) conducted a 125 MW/500 MWh standalone VGF BESS auction for Kerala, where JSW Energy emerged as the sole winner, taking the entire capacity at a tariff ...

India's First Commercial Utility-Scale Battery Energy ...

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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