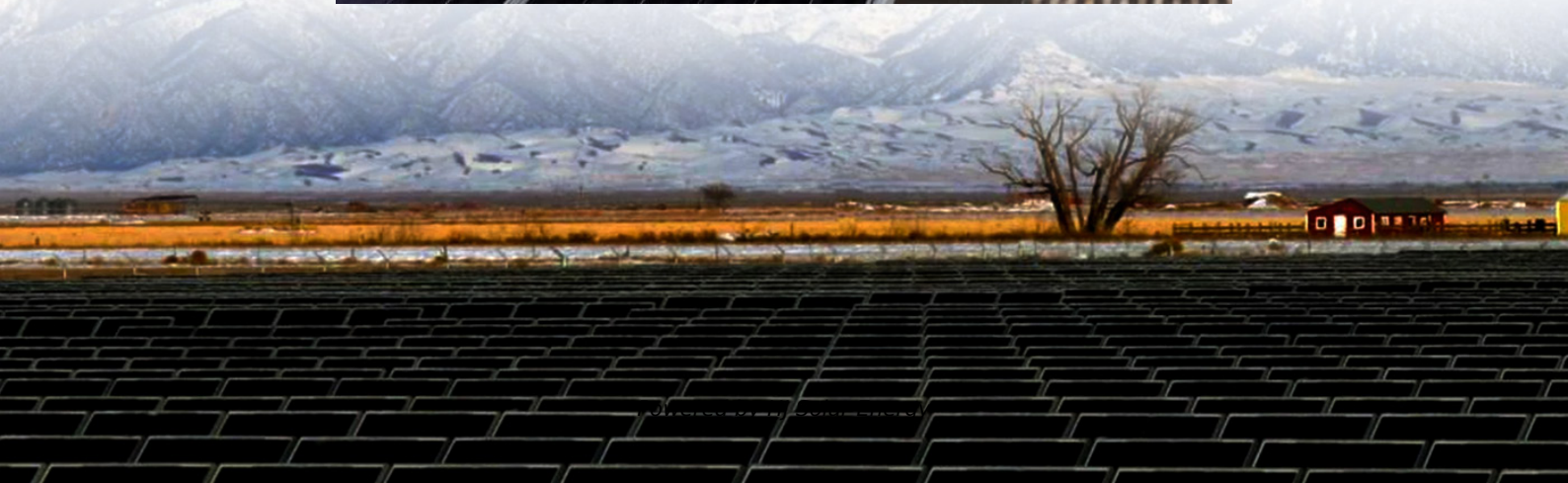


# **Successful bid price of portable ESS system project in India 2025**





## Overview

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A 250 MW/500 MWh grid-connected battery energy storage system (BESS) tender in the Indian state of Telangana attracted a bid of INR 240,000 (\$2,800) per megawatt of battery capacity per month from domestic company Bondada Engineering. That lowest bid was for 50 MW/100 MWh of battery capacity. How much ESS capacity is operational in 2025?

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. Source: Tender nodal agency websites, press releases, compiled by Debmalya Sen.

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.

What is the lowest bid for battery capacity in India?

That lowest bid was for 50 MW/100 MWh of battery capacity. Karnataka-based Pace Digitek secured 125 MW/250 MWh and TrueRE-Oriana Power 50 MW/100 MWh at INR 245,000/MW/month in the under-subscribed tender.

What is Bess capacity in 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, compiled by Debmalya Sen. Note: The numbers in the graph refers to the number of tenders.

How many Bess tenders have been issued since 2022?



d six BESS tenders totalling 5.75GW 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 tail.

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 portable ESS system project in India 2025

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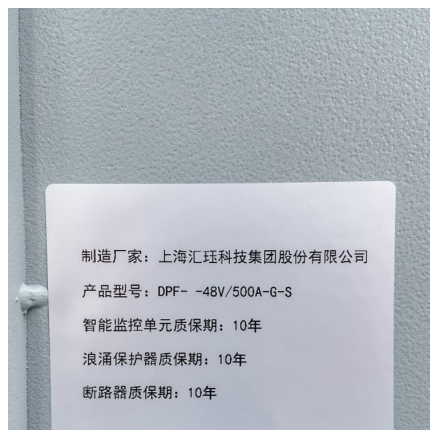
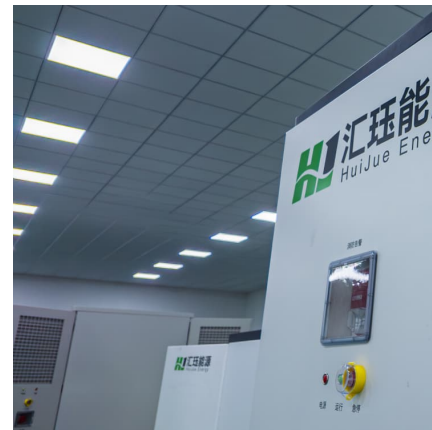


### [SJVN Invites Bids for 6000 MWh RE Projects with ...](#)

The key dates include a pre-bid meeting on December 20, 2024. The final deadline for online bid submission is January 24, 2025, while hard copies of the documents must be submitted by January 29, 2025. Technical ...

### **Indian utility tenders 1 GWh of standalone battery storage**

The Vidyut Vyapar Nigam power trading arm of Indian utility the National thermal Power Company (NTPC) has invited proposals from developers to set up transmission system ...



### [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 ...

### [EXECUTIVE SUMMARY CERC Adopts Tariff for SECI's 1,2 ...](#)

The Central Electricity Regulatory Commission (CERC) has adopted the tariff for 1,200 MW Inter-State Transmission System (ISTS)-connected



## Solar PV Power Projects with 600 MW/1200 ...



## Presentation

A fracturing of exchange prices reaffirms the need for Energy Storage Systems In May'25, power exchanges observed an unprecedented market bifurcation: spot prices for electricity during ...

## [The Standalone Energy Storage Market in India 1](#)

In the first quarter of 2025, Standalone ESS tenders reached 6.1 gigawatts (GW), which accounted for 64% of all utility-scale energy storage tenders, which included all other use ...



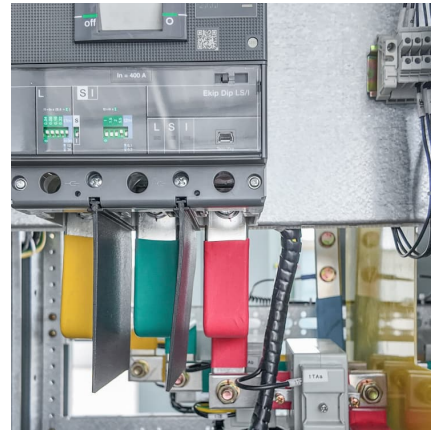
## [China's Huadian announces winners in 6 GWh BESS ...](#)

In December, PowerChina's 2025-2026 energy storage system procurement, which sought 16 GWh of BESS, saw bids ranging from \$60.5/kWh to \$82/kWh, averaging \$66.3/kWh.



### [Indian battery tender yields \\$2,800 monthly megawatt ...](#)

A 250 MW/500 MWh grid-connected battery energy storage system (BESS) tender in the Indian state of Telangana attracted a bid of INR 240,000 (\$2,800) per megawatt of battery capacity per month from domestic ...



### [SECI Invites Bid for 2,000 MW Solar Project](#)

As per the bid document on the SECI website, the selection of a solar power developer (SPD) for the Inter-State Transmission System (ISTS) grid-connected project with ...

## Energy Storage Systems (ESS) Overview

3 ???· Energy Storage Systems (ESS) Overview  
India has set a target to achieve 50% cumulative installed capacity from non-fossil fuel-based energy resources by 2030 and has pledged to reduce the emission intensity of its ...



### [India raises subsidized battery target to 13.2 GWh](#)

The Indian government has increased the battery energy storage target of its viability gap funding (VGF) program to 13.2 GWh. The subsidy scheme provides financial support for up to 40% of battery energy ...



### ESS Prices Plummet to Historic Lows

In March 2024, ESS bid prices varied depending on their storage capacity, with an overall downward trajectory evident, particularly in the case of four-hour ESS bids, which hit yet another all-time low.



### [Evolution of Grid-Scale Energy Storage System ...](#)

Finally, while investors in India are unsure of standalone ESS, successful and timely execution of NTPC and SECI tender projects will help demonstrate the technological and financial viability of the new technology. The report also ...

### SECI Invites Bids for 1,200 MW Solar Projects with 600 MW ESS

Solar Energy Corporation of India (SECI) SECI has invited bids for 1,200 MW ISTS-connected solar projects integrated with 600 MW/3,600 MWh energy storage systems. ...





## Home

The Projects to be selected under this RfS for aggregate capacity of 1200 MW with ESS and additional capacity under Greenshoe Option upto 1200MW with ESS to be installed anywhere in India, provide for ...

### China's Huadian announces winners in 6 GWh BESS tender with average bid

In December, PowerChina's 2025-2026 energy storage system procurement, which sought 16 GWh of BESS, saw bids ranging from \$60.5/kWh to \$82/kWh, averaging ...



### SECI Tenders 2 GW Solar Projects with 4 GWh Energy Storage ...

The Solar Energy Corporation of India (SECI) has issued a request for selection to set up 2,000 MW interstate transmission system (ISTS)-connected solar projects, along with ...

### [eProcurement System Government of India](#)

6 ???· Explore tender details, bid submission, and document download information on the eProcurement System of the Government of India.



[India awarded 7.6 GW of battery storage via tenders ...](#)

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 ...



[NTPC REL Invites Bids for 1,200 MW Solar Projects ...](#)

NTPC Renewable Energy (NTPC REL) has invited bids to set up 1,200 MW interstate transmission system (ISTS)-connected solar power projects integrated with a 600 MW/2,400 MWh (600 MW x 4 hours) energy ...



**Solar Power Projects with 600MW ESS Under Tariff-Based Bidding**

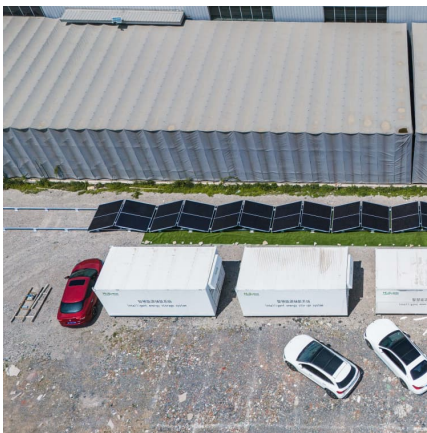
NHPC Limited Selection of solar power generators for setting up 1200 MW (1.2 GW) ISTS-connected solar power projects with 600 MW / 2400 MWh energy storage systems ...





### Tariff in solar+ESS auction 5.8% lower than previous SECI tender

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 ...



### [Standalone energy storage systems account for 64](#)

The government's viability gap funding (VGF) scheme, which offers up to 30% support to project developers for capital expenditure on standalone BESS projects, has been a key driver of the surge in Standalone ...

### List of Operational (Completed) Grid-scale/Utility Scale Energy ...

Search all the commissioned and operational GUSESS projects, bids, RFPs, ICBs, tenders, government contracts, and awards in India with our comprehensive online database.



### [The Standalone Energy Storage Market in India 1](#)

Key Findings 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 ...



### [CEA: Trade barriers set to see U.S. BESS prices ...](#)

2025 is likely to see battery prices surge in the United States on the back of increases in tariffs and duties imposed on battery energy storage systems and their components from China. While lithium iron phosphate (LFP) ...



### **Energy Storage Systems (ESS) Overview**

3 ???· Energy Storage Systems (ESS) Overview  
India has set a target to achieve 50% cumulative installed capacity from non-fossil fuel-based energy resources by 2030 and has ...

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