

## Global PV Storage Insights

# Successful bid price of school solar storage project in India 2026



## Overview

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The latest reverse auction has resulted in a record low tariff of Rs 3.32 per unit for a “Solar + 4-hour ESS”. This tariff was achieved in a tender by SJVN Ltd for a project that includes 1200 MW of solar power combined with 600 MW/2400 MWh of energy storage.

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Recent energy storage auctions in India reveal record-low prices, with unsubsidized standalone battery storage bids at 2.8 lacs/MW/month and solar+storage bids at 3.1–3.5 INR/kWh. Our analysis, based on implied solar and storage costs from these bids and bottom-up global cost estimates, shows that a.

Solar Energy Corporation of India (SECI) has revealed the results of a reverse auction for solar PV paired with battery storage that will connect to the Inter State Transmission System (ISTS). The state-run company announced four winning bids at IR3.52/kWh (US\$0.041) and one at IR3.53 at the end of.

In a significant development for India’s renewable energy sector, a solar project integrated with energy storage has recorded a tariff of ₹3.32 per unit—5.8 per cent lower than the rate discovered in a similar tender by SECI in December 2024, according to a report by JMK Research. New Delhi: In a.

NTPC Renewable Energy, Sembcorp Green Infra, Solarcraft Power India 8 (Blupine Energy), Hero Solar Energy, and Reliance Power have won the Solar Energy Corporation of India’s (SECI) Tranche XVII auction to develop 2,000 MW of ISTS-connected solar power projects integrated with 1,000 MW/4,000 MWh.

In July 2024, SECI's 1200MWh BESS project attracted winning bids at Rs 3.41 per unit. Interestingly, JSW Neo Energy, which won an allocation at Rs 3.42, had won a bid in 2022 at Rs 10.84 per unit effectively. JSW was in fact lucky that its bid was approved, for multiple subsequent tenders that.

ICRA, an Indian credit rating agency, said India's renewable energy capacity could rise to 250 GW by March 2026, up from 201 GW in September 2024. This growth will be driven by an 80 GW project pipeline, following improved tendering in 2024. Solar capacity will reach 132 GW by March 2026, with 91. What is the minimum energy storage capacity for a solar project?

Additionally, energy storage systems with a minimum capacity of 0.5 MW/2 MWh must be installed for every 1 MW of project capacity. The tender specified that only solar modules from the Ministry of New and Renewable Energy's Approved List of Models and Manufacturers can be used.

Will solar co-location and a 24-month commissioning deadline favour battery energy storage?

Though most utility-scale tenders remain technology-agnostic, the requirement for solar co-location and a 24-month commissioning deadline is likely to favour battery energy storage systems (BESS), the report said. The ongoing decline in battery prices has played a central role in bringing down project tariffs.

How much does solar cost in India?

ble 1. These bids include not only storage costs but solar costs as well; the solar Levelized Cost of Electricity (LCOE) is likely around 2.3-2.5 INR/kWh, reflecting the latest solar costs in India, comprising the majority of the winnin.

Should energy storage be integrated with solar generation?

The report highlighted the growing shift toward integrating energy storage with solar generation. A February 2025 notification by the Ministry of Power mandates that all upcoming solar tenders include co-located ESS of at least two hours' duration, equivalent to 10 per cent of the project's installed capacity.

How low is sjvn tariff compared to SECI's Dec 2024 rate?

Record-low ₹3.32/unit tariff set for solar + 4-hr energy storage projects in SJVN auction, 5.8% lower than SECI's Dec 2024 rate.

How much lower is a solar ESS tariff than a WSH tender?

This newly discovered tariff is approximately 5.8% lower than a similar tender auctioned by SECI in December 2024. Notably, the tariff discovered is identical

to those found in the latest auctions of wind solar hybrid (WSH) and significantly lower than vanilla wind tenders. Figure 1: Utility-scale “Solar + ESS” tender auctions in India

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### Plummeting Solar+Storage Auction Prices in India ...

Plummeting costs of solar and battery storage in India along with technological improvements are opening new opportunities for clean and low-cost power generation. Recent energy storage auctions in India reveal record-low prices, ...

### Solar-Plus-ESS Delivers 95% Clean Power Under ...

The report noted that, based on implied solar and storage costs from these bids and bottom-up global cost estimates, a solar-plus-storage system can deliver 24/7 clean power with over 95% availability for under INR6/kWh. It ...



### India's solar energy policies and 2025 market outlook

Starting in June 2026, a new cell list will require government projects to use locally assembled cells and modules. India's solar PV market outlook in 2025 India's cell ...



### NTPC, Sembcorp, Reliance, Hero and Solarcraft Win ...

Reliance Power claimed the largest individual allocation, winning 930 MW at a marginally higher tariff of INR3.53 (\$0.0416)/kWh. The successful bidders must establish solar projects

connected to the ISTS, ...



## Reliance NU Suntech wins 930 MW solar energy and ...

Reliance Power Limited subsidiary, Reliance NU Suntech Private Limited (Reliance NU Suntech), won a landmark 930 MW solar energy contract with battery energy storage system project (BESS) from Solar Energy ...

## Solar projects dominate in preferred bid rounds , Energize

The Ministry of Electricity has confirmed that all eight renewable energy projects awarded under Bid Window 7 of the Renewable Energy Independent Power Producer ...



## Solar projects dominate in preferred bid rounds

The Ministry of Electricity has confirmed that all eight renewable energy projects awarded under Bid Window 7 of the Renewable Energy Independent Power Producer Procurement Programme (REIPPPP) are solar ...



## Philippines kicks off 9.4-GW renewables-storage tender

The tender includes an additional slot for 1,100 MW of solar projects with integrated battery energy storage systems (BESS), which makes it the first such solicitation in the country, the DOE said. 2026 Successful ...



## India Mandates Energy Storage for New Solar PV Projects

The MoP anticipates that, due to this new storage clause, about 14GW/28GWh of energy storage systems will be installed in India by 2030. As the price of energy storage ...

## SECI invites bids for solar+storage projects and green ammonia ...

The Solar Energy Corporation of India Limited (SECI) has issued a tender for the development of 1,200 MW of ISTS-connected solar power projects integrated with 600 ...



## Made in India Solar Cells to Power Government Projects from June 2026

From June 2026, Indian clean energy firms will be required to use locally manufactured solar cells sourced from a government-approved list of companies for all ...

## SECI Launches Bidding Process for 2,000 MW Solar Storage Projects

The Solar Energy Corporation of India (SECI) has announced a significant initiative aimed at enhancing the country's renewable energy infrastructure. The organization is ...



## Reliance NU Energies secures 525 MW solar-plus ...

The allocation includes 350 MW of solar generation capacity and 175 MW/700 MWh of battery energy storage system capacity. The tariff for the project has been discovered at INR3.33 per kWh for a 25-year period.

## 512MW of solar-storage projects successful in German ...

The German government's infrastructure authority, Bundesnetzagentur has announced that 43 bids for solar and storage projects - with a combined volume of 512MW- ...



## Jindal India Renewable Energy Secures 180 MW Solar-Storage Project ...

BC Jindal Group's renewable energy arm, Jindal India Renewable Energy (JIRE), has secured a major 180 MW solar and storage project from NHPC, India's leading ...

## India: SECI reveals solar-plus-storage tender winners, JSW ...

An NTPC solar PV plant with some of the power producer's thermal plant fleet in the background. Image: NTPC. Solar Energy Corporation of India (SECI) has revealed the ...



## Anil Ambani's Reliance NU Suntech Bags Rs 10,000 ...

The deal follows Reliance NU Suntech's success in SECI's Tranche XVII auction in December 2024, where it emerged as the top bidder. The auction featured five major energy players competing for 2,000 MW of solar ...

## India on track to hit 132 GW of solar by 2026, says ICRA

ICRA, an Indian credit rating agency, says India could add 22 GW of solar capacity in fiscal 2025 and 27.5 GW in fiscal 2026, pushing the nation's total installed PV capacity to 131.5 GW by March



Deye inverters and Deye batteries are more compatible.



## Sembcorp secures second India solar-storage project ...

The firm was one of the successful bidders in SJVN's latest tender, which concluded earlier this month, with 1,200MW of solar generation capacity and 600MW/2,400MWh of battery energy storage up

## Domestic Solar Cell Manufacturing to Quadruple by 2026: CRISIL

By EI News Network Domestic solar cell manufacturing capacity in India is set to grow more than fourfold, reaching 43-47 GW by June 2026, according to CRISIL Market ...



## [Government Solar Tenders](#)

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## Plummeting Solar+Storage Auction Prices in India ...

Our analysis, based on implied solar and storage costs from these bids and bottom-up global cost estimates, shows that a solar-plus-storage system can deliver 24/7 clean power at over 95% availability for less than 6 INR/kWh.



## NTPC, Sembcorp, Reliance, Hero and Solarcraft Win ...

NTPC Renewable Energy, Sembcorp Green Infra, Solarcraft Power India 8 (Blupine Energy), Hero Solar Energy, and Reliance Power have won the Solar Energy Corporation of India's (SECI) Tranche XVII auction to ...

## "SECI Opens Bids for 2 GW Solar-Storage Projects"

SECI's new 2 GW bid round emphasizes hybridization and storage to overcome these hurdles. By mandating BESS integration, the projects will provide continuous, ...



## The 10 Big Milestones That Will Define India's RE ...

Only 3 projects of the 32 tendered during the year were cancelled. The Solar Energy Corporation of India (SECI) discovered its lowest tariff of Rs 3.41 for its 1200 MW of solar+storage projects in July this year. This ...

## 10 large solar projects in development for 2024

FirmoGraphs is tracking more than 100 very large solar projects starting construction in 2023 with a total estimated value of nearly \$40 billion.



## India's solar capacity to hit 250 GW by 2026

India's solar energy capacity is projected to reach 250 GW by March 2026, up from 201 GW in September 2024, according to Indian credit rating agency ICRA.

## India to impose rule for locally-made PV cells from 2026

Solar project developers in India will be required to use photovoltaic (PV) modules made only with locally manufactured cells from June 1, 2026, according to an amended government order aimed at shielding domestic ...

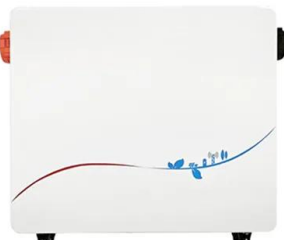


## Utility-Scale Solar Tenders and Auctions in India ...

Bid invitations for utility-scale solar projects in calendar year (CY) 2024 surpassed annual tender announcements of all previous years. Several entities floated tenders totaling 79.3 GW, up 39% from

## Reliance Power subsidiary wins 930 MW solar power project

Reliance Power subsidiary wins 930 MW solar power project Reliance NU Suntech's successful bid for SECI's Tranche XVII auction was won at a tariff of INR3.53 (\$0.0416) ...



## India's Top Battery Energy Storage Tenders in 2024 [Infographics]

The share of solar and wind energy in India's power mix was over 30% as of September 2024. The demand for utility-scale energy storage systems in India is primarily from ...

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