

# **Successful bid price of solar diesel hybrid storage project in India 2026**





## Overview

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New Delhi: 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.

New Delhi: 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.

ation. 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 l R/kWh. Our analysis, based on implied solar and storage costs from these bids and bottom-up global cost estimates.

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 ₹3.52/kWh (US\$0.041) and one at ₹3.53 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.

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.

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.



State-owned firm Solar Energy Corporation of India (SECI) has launched a solar-plus-storage tender seeking 1.2GW of solar PV. SECI issued a request for selection (RfS) last week (19 June) for the competitive solicitation process and aims to hybridise the solar PV generation with 600MW/3.6GWh of. What is SECI's solar-plus-storage tender?

SECI issued a request for selection last week seeking 1.2GW of solar PV and 600MW/3.6GWh of BESS. Credit: Solar Energy Corporation of India. State-owned firm Solar Energy Corporation of India (SECI) has launched a solar-plus-storage tender seeking 1.2GW of solar PV.

What's going on with wind-solar hybrid prices?

The latest price matches the tariffs seen in recent wind-solar hybrid (WSH) auctions and falls well below those in standalone wind bids, JMK Research said. The report highlighted the growing shift toward integrating energy storage with solar generation.

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 much did SECI's Bess project cost in 2022?

Consider the numbers. 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.

Why did sjvn find a solar tariff?

The tariff was discovered in a reverse auction conducted by SJVN Ltd for setting up 1200 MW of solar capacity co-located with 600 MW/2400 MWh of energy storage, offering four hours of backup. The latest price matches the



tariffs seen in recent wind-solar hybrid (WSH) auctions and falls well below those in standalone wind bids, JMK Research said.



## Successful bid price of solar diesel hybrid storage project in India 2

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### [AMPIN, Juniper, JSW, Avaada Among Winners in ...](#)

AMPIN Energy, Ganeko Solar (Solarpack), Inaayu Renewables (EverGreen Power), Juniper Green Energy, Datta Power Infra, JSW Neo Energy, and Avaada Energy have been awarded SJVN Green Energy's (SGEL) tender ...

### [Hero launches India's first solar-wind hybrid project](#)

Delhi-headquartered renewable energy firm Hero Future Energies has completed India's first large-scale solar and wind energy hybrid project in the state of Karnataka.



### **Renewables tender in India: Contracting hurdles and the rising ...**

The share of tenders with storage is expected to continue to rise sustainably, driven by the need to address the intermittency issue of solar and wind. This is also complemented by the ...

### **Gentari Wins 400 MW Wind-Solar Hybrid Power Project in India**

Gentari and other energy firms have won bids in SJVN's 1.2 GW renewable hybrid power auction in India, with Gentari securing 400 MW at



INR3.19/kWh. The project aims to ...

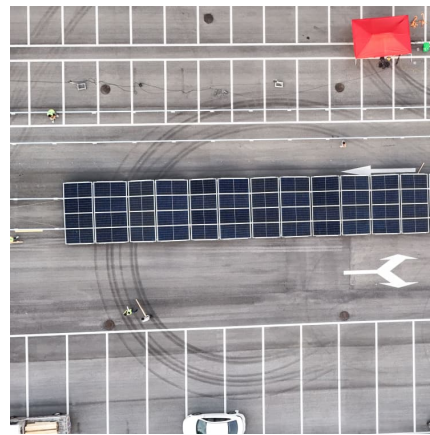


### [Ministry of Power Releases Revised Guidelines for ...](#)

Ministry of Power Releases Revised Guidelines for Wind-Solar Hybrid Projects The updated guidelines maintain the flexibility of placing solar and wind projects at the same or different locations, with the added provision for ...

### [SECI 1200 MW Wind-Solar Hybrid tender result analysis](#)

SECI 1200 MW Wind-Solar Hybrid (Tranche-III) auction creates new record of Lowest tariff at Rs. 2.41/kWh Following the issuance of the incumbent national framework - the ...



### [Utility-Scale Solar Tenders and Auctions in India ...](#)

The tender and auction activity tracked by Mercom India comprises large-scale standalone solar and wind-solar hybrid power projects. For wind-solar hybrid power tenders, the solar capacity is calculated at a ratio of ...

### **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 ...



### [What is a Solar Diesel Hybrid System?](#)

Solar hybrid systems are power systems that combine solar power from a photovoltaic system with another energy source. One of the most common hybrid systems being PV diesel hybrid system, coupling PV and ...

### **Government Solar Tenders**

3 ???· Get latest online government department solar tenders and Tender Corrigendum and BOQ in tender. Search all solar tenders Product and Project tender category. More then 5000 ...



### **Microsoft Word**

1.0 NTPC Limited invites online bids from eligible bidders on Single Stage Two Envelope (i.e. Envelope-I: Techno-Commercial Bid and Envelope-II: Price Bid) for Development of ISTS ...



### 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 ...



### [Optimum Design of a Solar-Wind-Diesel Hybrid ...](#)

To simultaneously satisfy the electricity and freshwater requirements, a superstructure of a solar-wind-diesel hybrid energy system (HES) with multiple types of storage devices driving a reverse osmosis desalination ...

### [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 ...



### Monthly RE Update - September 2024

This funding will help the company to grow its open-access hybrid projects across India, including solar and solar-wind projects. Orkla India, the parent company of MTR ...



### PowerPoint Presentation

The residential energy storage segment will likely proliferate because of requirement of uninterrupted power supply, increasing technological advancements in energy storage ...



### March-2025/ -2025

Preface India has successfully achieved 172.37 GW of RE Installed capacity (excluding Large Hydro) by the end of March 2025 and a significant number of Renewable Energy (RE) projects ...

### What is a Solar Diesel Hybrid System?

Solar hybrid systems are power systems that combine solar power from a photovoltaic system with another energy source. One of the most common hybrid systems ...



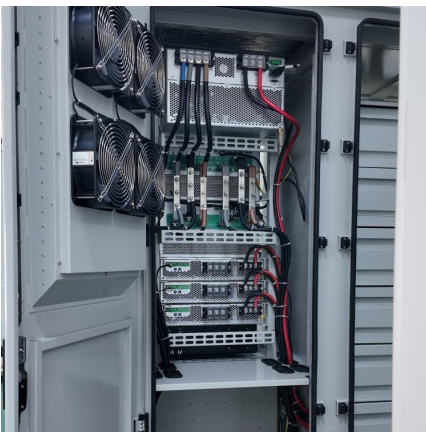


[PLUMMETING SOLAR+STORAGE AUCTION PRICES IN...](#)

SUMMARY 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 ...

**Ministry of Power Releases Revised Guidelines for Wind-Solar Hybrid**

Ministry of Power Releases Revised Guidelines for Wind-Solar Hybrid Projects The updated guidelines maintain the flexibility of placing solar and wind projects at the same or ...



[Oman to award key solar-diesel hybrid project contract](#)

Oman's Rural Areas Electricity Company (Tanweer) is set to award a contract for the development of 11 small-scale solar PV-diesel hybrid projects in the sultanate, to one ...

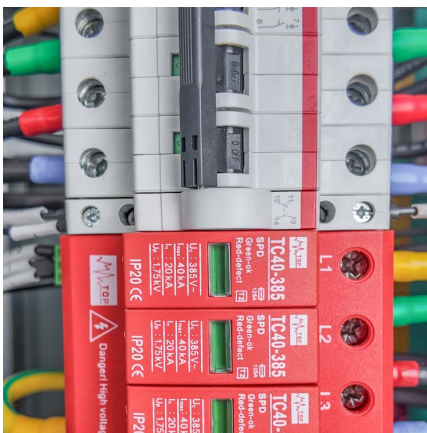
**SECI awards 420 MW renewables-plus-storage at average price ...**

Solar Energy Corp. of India (SECI) has awarded 420 MW of renewable-plus-storage capacity in its 1.2 GW round-the-clock (RTC) power tender. The winning developers ...



[Government Issues New Bidding Guidelines for Wind ...](#)

After wind and solar, the Ministry of Power has now introduced new guidelines for tariff-based competitive bidding for grid-connected wind-solar hybrid power projects, aiming for transparency, fair procurement, and ...



**SOLAR**

We are proud to have completed the 1MWh Hybrid Energy Storage project for Om Shanti Retreat Centre. This project not only enables the centre to utilize renewable energy, reduce emissions ...



**Energy Storage Program , 2023**

The report aims to streamline the adoption of solar-plus-storage projects that leverages private investments in countries where fuel-dependency is putting stress on limited public resources.



## Sembcorp wins solar energy storage hybrid project in ...

Follow us on Facebook and join our Telegram channel for the latest updates. Sembcorp Industries has received a letter of award for a 150MW solar photovoltaic project in India. The built-own-operate project, awarded by ...



## India's battery storage boom: Getting the execution right

India is rapidly increasing hybrid (renewable energy + battery storage) tenders to increase the share of renewables in total power generation. With a rise in preference for firm ...

## [SECI 1200 MW Wind-Solar Hybrid tender result analysis](#)

SECI 1200 MW Wind-Solar Hybrid (Tranche-III) auction creates new record of Lowest tariff at Rs. 2.41/kWh Following the issuance of the incumbent national framework - the Wind-Solar Hybrid Policy in 2018, India ...



## [CERC adopts tariff for SECI's 1.2 GW wind-solar ...](#)

The Central Electricity Regulatory Commission (CERC) has adopted the tariff for 1,200 MW wind-solar hybrid power projects with assured peak power supply (Tranche VI) under the competitive bidding process ...



### [Power ministry mandates energy storage co-location...](#)

India's Ministry of Power has mandated that all renewable energy implementing agencies (REIAs) and State utilities must incorporate a minimum of two-hour co-located energy storage systems (ESS), equivalent to ...



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