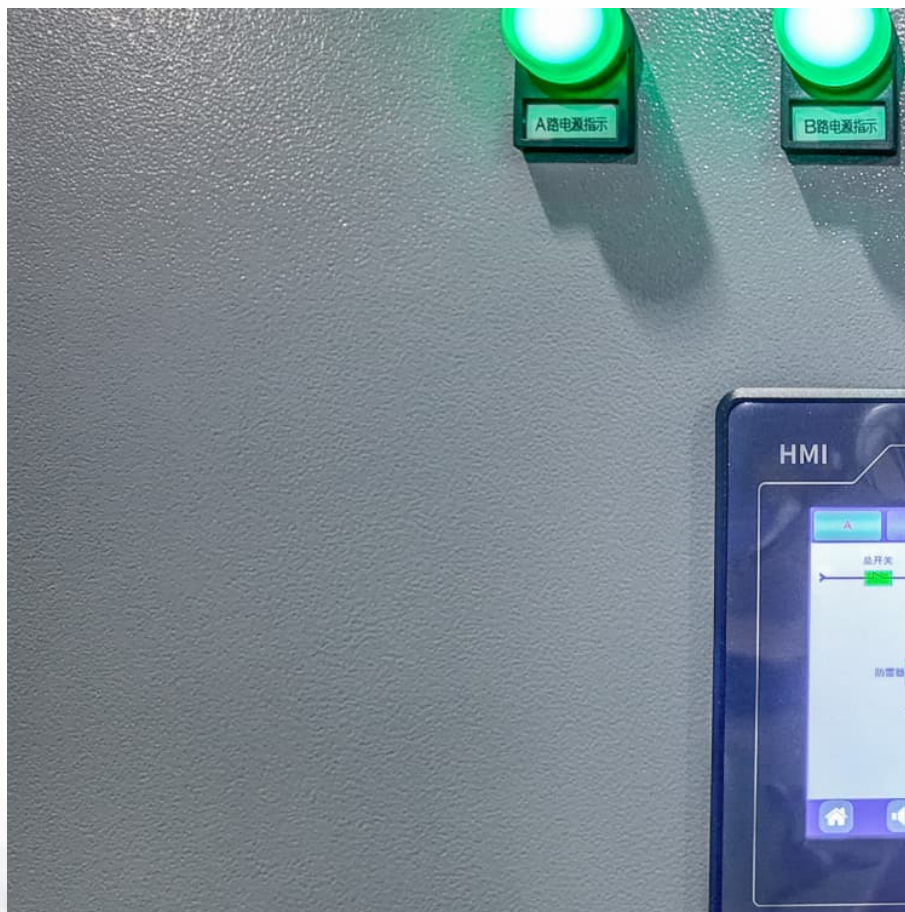


# Successful bid price of rooftop solar storage project in India 2025





## Overview

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India. Specifically, recent auction results for storage have been record-breaking: the latest tender for standalone battery energy storage systems (BESS) with two hours' duration in April 2025 saw a winning bid of 2.8-2.85 lacs/MW/month, without any subsidy like the Viability Gap.

India. Specifically, recent auction results for storage have been record-breaking: the latest tender for standalone battery energy storage systems (BESS) with two hours' duration in April 2025 saw a winning bid of 2.8-2.85 lacs/MW/month, without any subsidy like the Viability Gap.

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

NHPC has invited bids for setting up a cumulative 24.22 MW rooftop solar projects on 245 government buildings in 25 states/union territories under the renewable energy service company model. The last date to submit bids is March 3, 2025. Bids will be opened on March 7. Bidders must submit an.

The CFO of a textile company in Rajasthan was planning a 1000 kWp rooftop solar CAPEX project. He presented a ₹3.32 crore investment proposal to the board, showing that it could deliver ₹3-4/kWh savings and a strong internal rate of return (IRR). The board liked the numbers but wanted more clarity.

Part 1 deals with an overview of residential rooftop solar installation (January 2025) across the country, and Part 2 will analyse the uptake of rooftop solars. I. Introduction India has significant Solar Energy Potential (SEP) with about 5000 trillion units per year energy incident over India's.

As of June 2025, India installed rooftop solar capacity stood at 16.5 GW. Gujarat, Maharashtra, UP, Kerala, and Rajasthan led the way in Q2 2025, collectively accounting for 64% of the total installations. India's rooftop solar capacity surged 158 per cent in the first half of 2025, adding 2.8.



Request for Selection (RfS) of Solar Power Developers for setting up of 1750 kW Grid-Connected Rooftop Solar PV Projects under RESCO Mode through Tariff-based Competitive Bidding. The bid due date is 28-Feb-2025. Tender ID: 2025\_SECI\_786517\_1. Location: New Delhi Delhi Estimated Value (Rs. Cr): NA. Does India have a rooftop solar system?

This is a two part article. Part 1 deals with an overview of residential rooftop solar installation (January 2025) across the country, and Part 2 will analyse the uptake of rooftop solar. I. Introduction India has significant Solar Energy Potential (SEP) with about 5000 trillion units per year energy incident over India's land area.

What is the future of rooftop solar in India?

Rooftop solar, particularly in the Commercial & Industrial (C&I) segment, is expected to play a pivotal role in this growth. As of FY25, India's rooftop solar capacity stood at 17.02 GW, and increasing awareness among businesses about reducing operating costs and meeting sustainability targets is fuelling adoption.

How a rooftop solar project is boosting the value chain?

The scheme not only supports low and middle-income households by reducing their electricity bills but also aims to create nearly 17 lakh jobs, boosting the solar value chain. Recently, rooftop solar initiative has achieved a historic milestone with 10 lakh installations as of 10th March 2025.

Which state has the most rooftop solar installations in India?

Gujarat and Maharashtra together account for nearly 41% and 23% share, respectively, in the total installed capacity for rooftop solar. The Commercial & Industrial (C&I) segment is expected to play a pivotal role in the growing rooftop solar installations across India.

What is the projected growth rate of rooftop solar market?

The market is expected to grow at a CAGR of 33% from FY25 to FY27, with the total installed rooftop capacity projected to grow from 17 GW in FY25 to ~30 GW by FY27. Gujarat and Maharashtra together account for nearly 41% and 23% share, respectively, in the total installed capacity for rooftop solar.

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



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### Development of Solar Parks and Ultra Mega Solar Power Projects

Under the scheme, it was proposed to set up at least 25 Solar Parks and Ultra Mega Solar Power Projects targeting 20,000 MW of solar power installed capacity within a span of 5 years starting ...

### Tata Power Solar Rooftop Marks Major Milestone with 1.5 lakh+ Rooftop

Tata Power Solar Rooftop Marks Major Milestone with 1.5 lakh+ Rooftop Solar Installations, 3 GW Capacity; Expands Footprint across 700+ Cities  
20th March, 2025



### SECI Invites Bids For 1000 kW Rooftop Solar Project At ...

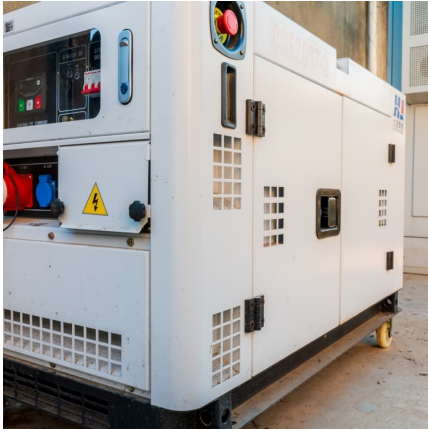
1 ??· The Solar Energy Corporation of India (SECI) has invited bids for setting up a 1000 kW grid-connected rooftop solar PV project on the buildings of Rashtrapati Bhavan under RESCO ...

### India's Rooftop Solar Capacity Skyrockets 158% in H1 2025

India's rooftop solar capacity soared by 158% in the first half of 2025, signaling a robust growth trajectory led by residential installations. Key



states like Gujarat and ...



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

India. Specifically, recent auction results for storage have been record-breaking: the latest tender for standalone battery energy storage systems (BESS) with two hours' duration in April 2025 ...

### **Solar Rooftop Subsidy Scheme 2025 , Benefits, Eligibility**

Solar Rooftop Subsidy Scheme 2025 , Benefits, Eligibility & Application Process: The Solar Rooftop Subsidy Yojana 2025, also known as PM Surya Ghar: Muft Bijli Yojana, is a ...



### **NCR Transport Corporation Tenders 3 MW Rooftop Solar Projects**

The National Capital Region Transport Corporation (NCRTC) has invited bids to set up 3 MW rooftop solar projects in the Delhi-Ghaziabad-Meerut Namu Bharat Corridor. ...

### [SJVN Seeks Developers for 18 MW Rooftop Solar ...](#)

SJVN Ltd. (SJVNL) has launched a Request for Selection (RFS) for Solar Rooftop Power Developers (SRPDs) to install a total capacity of 18 MW of grid-connected rooftop solar power projects (without battery storage) ...



### Major Solar Projects List - SEIA

The Major Solar Projects List is a database of all ground-mounted solar projects, 1 MW and above, that are either operating, under construction or under development. The list ...



### Unleashing the residential rooftop solar potential , IEEFA

The rooftop solar market in India consists of residential, commercial and industrial (C& I) and government segments. In comparison to C& I, the uptake of rooftop solar in the residential sector has been largely ...



### 5548 Solar tenders in Delhi 2025

Find out latest Solar tenders in Delhi. Search all Solar tenders from Delhi published by various government department, Corporations, state PSU and online e-Procurement portal from Delhi. ...





## Solar Archives

6 ???· September 4, 2025 / Staff / Solar Tenders & Auctions Chhattisgarh Invites Bids to Set up 1.3 MW Rooftop Solar Projects Chhattisgarh State Renewable Energy Development Agency (CREDA) has issued a request for ...



## Battery storage in rooftop solar plants only for new consumers: CEA

Battery storage is profitable, argues CEA For a consumer installing a 3-kilowatt solar power plant, a battery with a capacity of 6 kWh would be required to ensure two hours of ...

## [Rooftop Solar Potential of India in 2025](#)

Solar rooftop potential is based on a rooftop's size, shading, tilt, and location. As of 2024, India's renewable capacity exceeds 200 GW, with solar leading at 94.17 GW.



## [India's solar energy policies and 2025 market outlook](#)

With the advancement of government tenders and incentive measures, India's PV market is expected to continue growing, contributing to the global energy transition. In this ...



### 1750 kW Grid-Connected Rooftop Solar PV Projects under ...

Solar Energy Corporation of India Limited Request for Selection (RfS) of Solar Power Developers for setting up of 1750 kW Grid-Connected Rooftop Solar PV Projects under ...

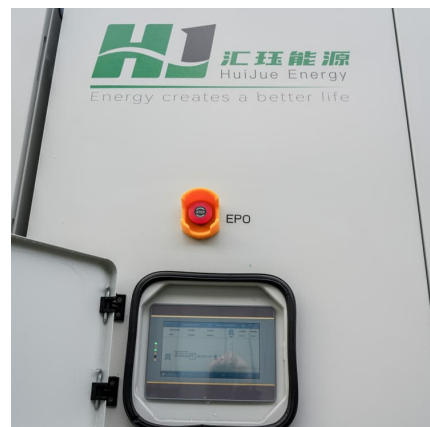


### NHPC Floats Tender for 24 MW Rooftop Solar Projects on ...

NHPC has invited bids for setting up a cumulative 24.22 MW rooftop solar projects on 245 government buildings in 25 states/union territories under the renewable energy ...

### SECI Invites Bids For 2,112 kW Rooftop Solar Projects Under ...

The Solar Energy Corporation of India Limited (SECI) has released a Request for Selection (RfS) inviting bids from Solar Power Developers to set up 2,112 kW of grid ...





[India expected to install 21.2 GW of solar in FY 2025](#)

JMK Research projects 21.2 GW of new solar capacity addition in FY 2025. This will comprise 16.5 GW of utility-scale, 4 GW rooftop, and 700 MW off-grid installations.

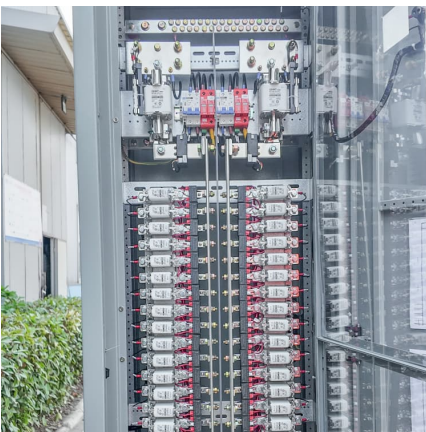
**POWERGRID Invites Bids for 4.2 MW Rooftop Solar Systems in ...**

Bidders must submit a bid security of INR1 million (~\$11,540). Successful bidders must furnish a performance security of 10% of the total contract price within 28 days of ...



**PM Surya Ghar to Cover Government Buildings with Rooftop Solar by 2025**

The Ministry of New and Renewable Energy (MNRE) plans to install rooftop solar systems on all central and state government buildings by December 2025 as part of the ...



**India RE Navigator**

This data includes ground mounted, grid connected, offsite solar projects > 5 MW at a single location. Onsite projects for captive consumption are covered in rooftop solar section. ...



### **Bharat Coking Coal Invites Bids for 2 MW Rooftop Solar Systems**

Bharat Coking Coal (BCCL) has invited bids for the design, engineering, supply, installation and net metering of 2 MW grid-connected rooftop solar systems at various ...



### [Uttar Pradesh Invites Bids for 2 MW Rooftop Solar ...](#)

The Uttar Pradesh New and Renewable Energy Development Agency (UPNEDA) has invited bids to implement 11 kW to 50 kW on-grid hybrid rooftop solar power projects with a battery backup on multiple government ...



### **SECI Invites Bids for 1750 kW Rooftop Solar Projects Across 5 ...**

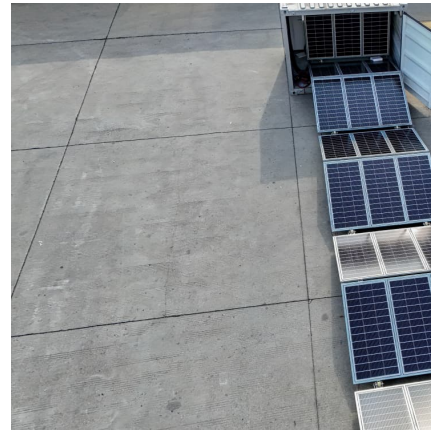
Bid submission ends on February 28, 2025. January 27, 2025. By Mrinmoy Dey Solar Energy Corporation of India (SECI) has floated a tender to select solar power developers ...





### [1000 kWp Rooftop Solar Project Cost in India \(2025 Guide\)](#)

Learn how to calculate rooftop solar project cost in India for a 1000 kWp CAPEX Model. Get full INR/Wp cost breakdown, GST impact, and EPC margins.



### **India's Solar Surge: Anticipated Installation of 21.2 GW in Fiscal 2025**

JMK Research anticipates a robust addition to India's solar capacity in fiscal 2025, slated to reach approximately 21.2 GW by March 31, 2025. This surge will encompass ...

### **Uttar Pradesh Invites Bids for 2 MW Rooftop Solar Projects**

The Uttar Pradesh New and Renewable Energy Development Agency (UPNEDA) has invited bids to implement 11 kW to 50 kW on-grid hybrid rooftop solar power ...



### **Request for Selection (RfS) of Solar Power Developer for ...**

41.38 "RESCO MODEL" shall mean a business model where the Project Developer sets up a Rooftop Solar PV Power Project on the rooftop of a building owned by the client organization, ...



### Major Solar Projects List - SEIA

The Major Solar Projects List is a database of all ground-mounted solar projects, 1 MW and above, that are either operating, under construction or under development. The list is for informational purposes only, reflecting ...



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