

## PDEOZE PowerContainer

# GW-scale solar projects in India



✓ **ALL IN ONE**

✓ **100Kw/174Kwh  
High Capacity**

✓ **Intelligent  
Integration**



## Overview

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As of March 31, 2025, about 85.6 GW of utility-scale solar capacity has been commissioned in India, while another 68.2 GW is under pipeline (where auctions are completed). How many solar projects are being commissioned in India?

JMK analysts expect the nation to commission about 22.8 GW of new utility-scale solar projects and 5.8 GW of rooftop/onsite solar projects in CY 2025. As of Dec. 31, 2024, about 79.2 GW of utility-scale solar capacity has been commissioned in India, while another 71.8 GW is under pipeline (where auctions are completed). Modules.

How many solar panels are installed in India in 2024?

India installed about 18.5 GW of utility-scale solar capacity and 4.59 GW of rooftop solar in CY 2024, according to JMK Research & Analytics' Annual India Solar Report Card CY2024. Rajasthan, with a contribution of 7.5 GW, led the annual solar installations, followed by Gujarat (5.1 GW) and Tamil Nadu (1.4 GW).

How big is India's solar power sector?

India's solar power sector has witnessed an extraordinary 3450 % increase in capacity over the past decade, rising from 2.82 GW in 2014 to 100 GW in 2025. As of January 31, 2025, India's total solar capacity installed stands at 100.33 GW, with 84.10 GW under implementation and an additional 47.49 GW under tendering.

Will India achieve a 100 GW solar module production capacity?

With continued policy support, India is on track to achieve a solar module production capacity of 100 GW by 2030. Under the guidance of Union Minister Shri Pralhad Joshi, the Ministry of New and Renewable Energy (MNRE) has been implementing key initiatives to scale up renewable energy capacity in India.

How many solar panels are installed in India in FY2025?

In FY2025, about 17.4 GW of utility-scale solar capacity and another 5.15 GW of rooftop solar capacity were added in India. In FY2025, the top three states with maximum installed solar capacity were Rajasthan (6.5 GW), Gujarat (3.6 GW), and Maharashtra (2.3 GW).

How big is India's solar project pipeline?

India's large-scale solar project pipeline stood at 177.5 GW, with an additional 141.9 GW of projects tendered and awaiting auction by the end of 2024. The year witnessed a record 79.3 GW of large-scale solar project tenders, up 39% from 2023's 57 GW. Additionally, solar auctions reached 48.1 GW, up 117% from 22.2 GW in 2023.

## GW-scale solar projects in India

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