

Does India have solar power on its roof



Overview

As of December 2025, nearly 24 lakh households in India have adopted rooftop solar under the PM Surya Ghar scheme, contributing to the country's significant growth in solar energy capacity, now at 129 GW. Discover the progress towards clean energy and the role of solar . India's solar capacity surged to 129 GW in 2025, up from 3 GW in 2014. Solar power is an important source of electricity in India. (Source: NITI Aayog) In FY 2023-24, India's electricity generation remained heavily dependent on fossil fuels, with coal contributing nearly 60% and oil another 28. 62 million rooftop solar systems have so far been deployed under its flagship PMSGMBY scheme.

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[Advancing residential rooftop solar adoption in India under PM Surya](#)

As of July 2025, India had collectively installed about 11 GW of residential rooftop solar capacity, of which about 4.9 GW has been added under the PMSGY. This accounts for

[Power on Your Roof: How Rooftop Solar is Reshaping India's Energy](#)

This month, we spotlight one of India's most promising energy shifts: rooftop solar. As the country races toward energy independence and climate goals, rooftop solar is emerging not just as a



[India's Flagship Rooftop Solar Scheme Reaches 9.56GW Installation](#)

PVTIME - According to government data presented to Parliament, India has achieved 9.56GW of rooftop solar capacity under the Prime Minister's Free Electricity Scheme for Solar

India adds 9.56GW of rooftop solar under nationwide scheme

India has installed 9.56GW of rooftop solar capacity under the PM Surya Ghar Muft Bijli Yojana (PMSGMBY), according to government data presented in parliament.





Physical Achievements , MINISTRY OF NEW AND RENEWABLE

Excluding Nuclear Capacity of 100 MW, which is under outage for very long time, and have been removed temporarily w.e.f. 31.05.2025. For more details, Click below.

[Nearly 24 lakh households have adopted rooftop solar as of December](#)

As of December 2025, nearly 24 lakh households in India have adopted rooftop solar under the PM Surya Ghar scheme, contributing to the country's significant growth in solar energy capacity, now at



[The Centre's big push for residential rooftop solar plans , Explained](#)

India currently has 6.7 lakh households with rooftop solar power systems, as per Minister for Power and New and Renewable Energy R.K. Singh. (Image for representation only)

Solar power in India

State has set the 4.2 GW solar power (including 1.6 GW solar roof top) target by 2022 as it has high potential since it has at least 330 sunny days. Haryana is one of the fastest growing state in terms of



India's Solar Momentum

Non-fossil power crosses 50% of India's 500 GW capacity. Nearly 24 lakh households have adopted rooftop solar until December 2025 under PM Surya Ghar with installation capacity of 7

India rooftop solar: Impressive 4.9 GW Added in 2025

India's ambitious renewable energy targets have been the primary catalyst for the explosive growth in its rooftop solar sector. From just 1.3 GW in 2014, the country's cumulative



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