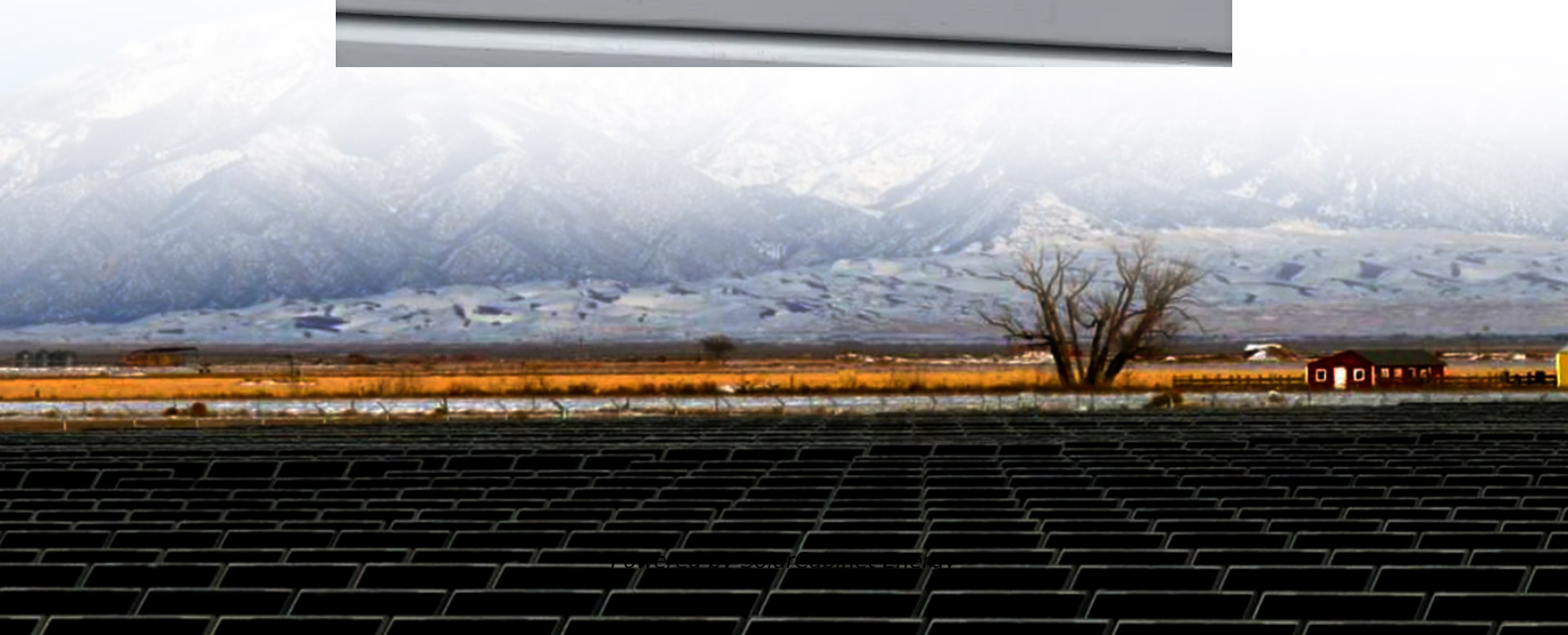
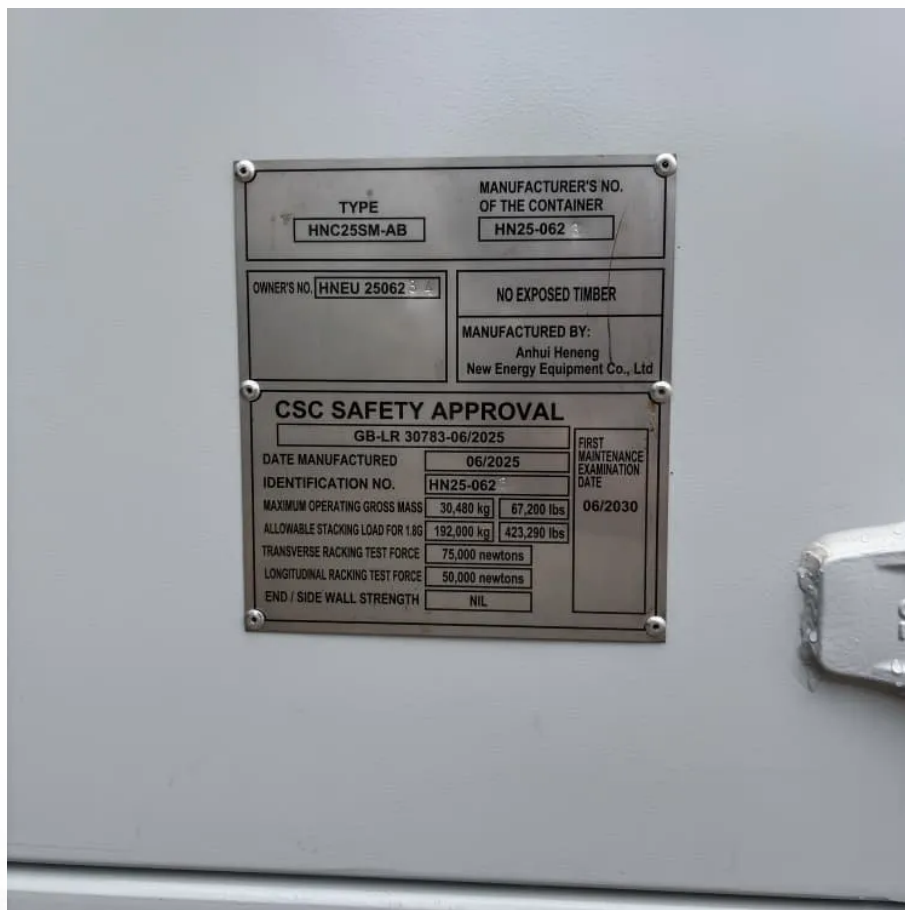


India s rooftop photovoltaic power generation





Overview

The report covers India's rooftop solar market, including progress, policies, and project viability across states, highlighting growth, regulatory support, business models, metering, and state-wise policies, providing a comprehensive overview of the market's development and key aspects. Will residential rooftop solar grow in India?

We expect the growth of residential rooftop solar installations to accelerate in the near term across India because of the strong policy push and resurgent market demand. By FY2023, JMK Research estimates that the residential rooftop solar market will most likely achieve 3,214MW of cumulative installed capacity.

What is India's rooftop solar capacity?

According to Bridge to India's Solar Rooftop Map (June 2023), the residential rooftop solar installed capacity in India is 2.7 GW. What is India's rooftop solar target?

India has set a target of 40 GW of rooftop solar by 2022, out of which ~11 GW has been achieved as of 31.10.2023. What are the benefits of rooftop solar?

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When did rooftop solar projects start in India?

The development of rooftop solar projects in India began with the introduction of rooftop solar targets in Gujarat in 2009. Gujarat was one of the first states in India to announce a solar policy and develop Gandhinagar (the capital city) as a 'solar city'.

What are the benefits of rooftop solar PV in India?

Above all, rooftop solar PV reduces the dependence on grid power and diesel generators and, at the same time, offers a long-term reliable source of power for end consumers. Despite all the underlying benefits, rooftop solar in India



has not achieved significant growth.

Will India reach 40 GW rooftop solar capacity by 2022?

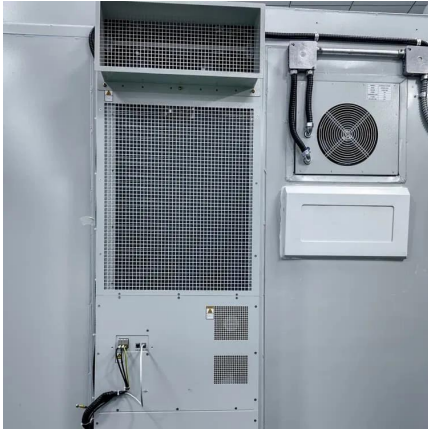
Under this mission, India has set an ambitious target of 40 GW rooftop solar capacity by 2022, which offers significant growth potential for the Indian rooftop solar market.

Is rooftop solar a viable option for Indian households?

New Delhi: Council on Energy, Environment and Water. CEEW conducted a detailed assessment of the technical, economic, and market potential of deploying rooftop solar (RTS) in Indian households by adopting the bottom-up approach. i.e. starting at the household level.



India's rooftop photovoltaic power generation



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