



# India Achieves Historic Milestone of 100 GW Solar PV Module Manufacturing Capacity under ALMM

Remarkable Rise in Solar PV Manufacturing Capacity from 2.3 GW in 2014 to 100 GW under ALMM: Union Minister Pralhad Joshi

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India has achieved a landmark milestone of 100 GW of solar PV module manufacturing capacity enlisted under the Approved List of Models and Manufacturers (ALMM) for Solar PV Modules. This achievement reflects the country's rapid progress in building a robust and self-reliant solar manufacturing ecosystem, aligned with the national vision of Atmanirbhar Bharat and the global imperative for clean energy transition.

Highlighting this achievement, Union Minister of New and Renewable Energy Shri Pralhad Joshi said “ India has achieved a historic milestone -100 GW Solar PV Module Manufacturing Capacity under the Approved List of Models and Manufacturers (ALMM) , a remarkable rise from just 2.3 GW in 2014! Driven by the visionary leadership of Prime Minister Shri Narendra Modi and transformative initiatives like the Production Linked Incentive (PLI) Scheme for High-Efficiency Solar Modules, we are building a robust, self-reliant solar manufacturing ecosystem. This achievement strengthens our path towards Atmanirbhar Bharat and the target of 500 GW non-fossil capacity by 2030.”

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Driven by the visionary leadership of Hon'ble PM Shri @narendramodi ji and... [pic.twitter.com/UV1LUVdmKC](https://pic.twitter.com/UV1LUVdmKC)

— Pralhad Joshi (@JoshiPralhad) August 13, 2025

The Government of India's commitment is to make India self-reliant in solar PV manufacturing and establish the country as a major player in the global value chain. This commitment is supported through a comprehensive set of initiatives, including the PLI Scheme for High Efficiency Solar PV

Modules and measures to provide a level playing field for the Indian manufacturers. The catalytic effect of these interventions has resulted in an expansion in solar module manufacturing capacity, from just 2.3 GW in 2014 to over 100 GW today. This reinforces India's commitment to achieving 500 GW of non-fossil fuel capacity by 2030 and contributes meaningfully to global decarbonization efforts.

The ALMM Order was issued by the Ministry of New and Renewable Energy (MNRE) on 02<sup>nd</sup> January 2019. The first ALMM list for solar PV modules was published on 10<sup>th</sup> March 2021 with an initial enlisted capacity of around 8.2 GW. In just over four years, this capacity has grown more than twelvefold, crossing the 100 GW mark. This remarkable expansion is not just limited to depth of capacity achieved, but by the breadth of the number of manufacturers who has also significantly increased from 21 in 2021 to 100 manufacturers, who are operating 123 manufacturing units currently.

This growth includes contributions from both established companies and new entrants, many of whom have adopted high-efficiency technologies and vertically integrated operations. The result is a diverse and competitive manufacturing landscape capable of meeting domestic needs and serving global markets. The crossing of the 100 GW solar module manufacturing capacity underscores the success of Indian solar PV manufacturing story, and the collective efforts of industry, various State governments, and the Government of India.

MNRE remains committed to further strengthening the solar manufacturing ecosystem through continued policy support, infrastructure development, and innovation. The Ministry will continue engaging with stakeholders to ensure India's solar journey remains inclusive, competitive, and future-ready.

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