

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 1889
ANSWERED ON 11.02.2026
PLI SCHEME FOR SOLAR MODULES

1889. SMT. D K ARUNA
SHRI RAJESH NARANBHAI CHUDASAMA
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Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) the total manufacturing capacity approved, installed and made operational under the Production Linked Incentive (PLI) Scheme for High Efficiency Solar PV Modules;
- (b) the details of employment generated and technological advancements made by the identified manufacturers since the inception of the scheme; and
- (c) whether the Government has conducted any review vis a vis the impact of this scheme on India's long-term renewable energy targets and global competitiveness in solar manufacturing and if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER

(SHRI SHRIPAD YESSO NAIK)

(a) Under the Production Linked Incentive (PLI) Scheme for High Efficiency Solar PV Modules, Letters of Award have been issued for setting up of around 48.3 GW of fully/ partially integrated solar PV module manufacturing units. Under the scheme, around 26.6 GW of solar PV modules, 10.5 GW of solar PV cells, and around 2 GW of ingot-wafer manufacturing capacity has been set-up. The aforesaid manufacturing capacity of solar PV cells and modules includes around 3.4 GW fully integrated thin film solar PV module manufacturing capacity.

(b) As per the information provided by the selected manufacturers under PLI Scheme for high efficiency solar PV modules, as on 31.12.2025, a direct employment of around 13,600 persons is generated.

This scheme supports induction of the latest, state-of-art solar PV manufacturing technologies into the country, as the solar PV manufacturers are motivated to invest more in Research & Development in order to produce more efficient and resilient solar PV modules.

Under the PLI Scheme, Ingot-Wafer manufacturing capacity has been installed for the first time in India. Further, fully integrated thin film solar PV module manufacturing capacity has also been installed, which is not dependent on imported solar cells, wafers, and polysilicon, as the manufacturing process is fully integrated and all the major steps involved in the manufacturing process, take place in India.

The selected manufacturers under PLI Scheme for High Efficiency Solar PV Modules are also engaged in the production of solar modules with advanced solar PV technologies such as Heterojunction Technology (HJT) and Tunnel Oxide Passivated Contact (TOPCon).

(c) On 28.04.2021, Ministry of New & Renewable Energy (MNRE) issued the Scheme Guidelines for the Production Linked Incentive Scheme for High Efficiency Solar PV Modules (Tranche-I). At that time, solar PV module manufacturing capacity in India enlisted under Approved List of Models and Manufacturers (ALMM) was around 8.2 GW. As on 31.12.2025, this capacity has surged to around 144 GW under ALMM, which is sufficient to cater to the domestic demand for solar modules. A key factor contributing to this rapid increase in solar PV module manufacturing capacity in India is the implementation of the PLI Scheme for High Efficiency Solar PV Modules. As per the website pertaining to export-import data bank of Department of Commerce, the Solar module exports have also increased from around USD 83 million in FY 2021-22 to around USD 1121 million in FY 2024-25, reflecting India's growing global competitiveness in solar manufacturing.
