

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 2771**  
ANSWERED ON 06.08.2025

**MANUFACTURING CAPACITY OF SOLAR MODULES UNDER PLI SCHEME**

2771. SHRI B Y RAGHAVENDRA

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) the details of total manufacturing capacity (in Giga Watts) approved under Tranche-I and Tranche-II of the Production Linked Incentive (PLI) scheme for High Efficiency Solar PV Modules;
- (b) the number of companies or entities selected under both tranches along with their proposed manufacturing locations, State-wise;
- (c) the current status of implementation of these projects and the timeline by which the approved manufacturing capacities are expected to become operational; and
- (d) the manner in which this scheme expected to contribute to reducing India's dependence on solar PV module imports and to achieve the country's renewable energy targets?

**ANSWER**

**THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER**

**(SHRI SHRIPAD YESSO NAIK)**

(a)&(b) Under Tranche-I of the PLI Scheme for High Efficiency Solar PV Modules, Letters of Award have been issued to three successful bidders for setting up of 8.737 GW of fully integrated solar PV module manufacturing units. Under Tranche-II, Letters of Award have been issued to eleven successful bidders for setting up of 39.6 GW of fully/ partially integrated solar PV module manufacturing units. The companies selected under the scheme, can set-up their manufacturing plants anywhere in India. Based on the information provided by the companies selected under the scheme, details of the States in respect of their solar PV manufacturing plants, are mentioned at **Annexure-I**.

(c) Some segments of the awarded projects have become operational. As per the Approved List of Models and Manufacturers (ALMM) and information received from the manufacturers, the solar manufacturing capacities which have been installed under PLI Scheme, as on 30.06.2025, include 18.5 GW solar module, 9.7 GW solar cell, and 2.2 GW of ingot-wafer. The aforesaid manufacturing capacity of solar PV cells and modules includes 3.2 GW fully integrated thin film solar PV module manufacturing capacity. The date of operationalization of awarded solar PV manufacturing capacities depends upon a lot of factors like time required for land acquisition, financial closure, ordering and procurement of capital equipment, installation and commissioning, etc and it is not possible to assign a fix date or period for the same.

(d) The Production Linked Incentive (PLI) Scheme for High Efficiency Solar PV Modules is aimed at promoting manufacturing of high efficiency solar PV modules in India and thus reducing import dependency for solar energy sector. On 28.04.2021, MNRE issued the scheme guidelines for the PLI scheme for high efficiency solar PV modules (Tranche-I). As per the website pertaining to Export-Import Data Bank of Department of Commerce, solar modules import to India have declined from 3363.21 million USD in FY 2021-22 to 2,151.75 million USD in FY 2024-25.

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**Annexure referred to in reply of parts (a) & (b) of the Lok Sabha Unstarred Question No. 2771 for 06.08.2025 regarding 'Manufacturing Capacity of Solar Modules under PLI Scheme'**

<b>Sl. No.</b>	<b>Name of Company/ SPV</b>	<b>Location of Manufacturing unit(s)</b>
<b>Tranche-I of PLI Scheme for High Efficiency Solar PV Modules</b>		
1	Shirdi Sai Electrical Limited/ Indosol Solar Private Limited	Andhra Pradesh
2	Reliance Industries Limited	Gujarat
3	Adani New Industries Limited	Gujarat
<b>Tranche-II of PLI Scheme for High Efficiency Solar PV Modules</b>		
1	Indosol Solar Private Limited	Andhra Pradesh
2	Reliance Industries Limited	Gujarat
3	FS India Solar Ventures Private Limited	Tamil Nadu
4	Waaree Energies Limited/ Sangam Solar One Private Limited	Gujarat, Maharashtra
5	Avaada Electro Private Limited	Uttar Pradesh, Maharashtra
6	ReNew Photovoltaics Private Limited	Rajasthan, Gujarat
7	JSW Renewable Technologies Limited	Rajasthan
8	Grew Energy Private Limited	Rajasthan, Madhya Pradesh, Jammu & Kashmir
9	VSL Green Power Private Limited	Tamil Nadu
10	AMPIN Solar One Private Limited	Odisha
11	TP Solar Limited	Tamil Nadu