

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 3499
ANSWERED ON 01.04.2025

PLI SCHEME FOR HIGH EFFICIENCY SOLAR PV MODULES

3499. DR. PARMAR JASHVANTSINH SALAMSINH
SHRI NARHARI AMIN

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

- (a) whether the PLI Scheme for High Efficiency Solar PV Modules has contributed to the country's efforts to set up State of the art domestic solar PV module manufacturing in the country;
- (b) if so, the details thereof;
- (c) whether the above PLI Scheme has any provision for incentivizing local value addition in domestic manufacturing of solar PV module; and
- (d) if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER

(SHRI SHRIPAD YESSO NAIK)

(a) & (b) Yes, PLI Scheme for High Efficiency Solar PV Modules has contributed to the country's efforts to set up State of the art domestic solar PV module manufacturing in the country. Under the PLI Scheme for high efficiency solar PV modules, Letters of Award have been issued for setting up of 48,337 MW of fully/ partially integrated solar PV module manufacturing units. PLI Scheme has contributed to country's advancements in solar module manufacturing technology, transitioning from polycrystalline to monocrystalline technologies such as monocrystalline Passivated Emitter and Rear Cell (Mono PERC) and Tunnel Oxide Passivated Contact (TOPCon) as well as induction of new technologies like Heterojunction technology (HJT). Additionally, under the PLI Scheme, 3.2 GW fully integrated Cadmium Telluride Thin Film Solar PV Modules manufacturing capacity, which is not dependent on imported Solar Cells, Wafers, and Polysilicon, has been set-up in India for the first time.

(c) & (d) Under PLI Scheme for High Efficiency Solar PV Modules, the amount of PLI is linked to the local content in the solar PV modules manufactured by the solar PV manufacturers selected under the Scheme. The PLI amount increases with increased local value addition, thereby encouraging manufacturers to source their material domestically.
