

Production Linked Incentive (PLI) Scheme: National Programme on High Efficiency Solar PV Modules

Overview

Ministry of New and Renewable Energy, Government of India is implementing the Production Linked Incentive (PLI) Scheme for National Programme on High Efficiency Solar PV Modules, for achieving manufacturing capacity of Giga Watt (GW) scale in High Efficiency Solar PV modules with outlay of Rs. 24,000 crore. Solar PV manufacturers are selected through a transparent selection process. This Scheme has provision for Production Linked Incentive (PLI) to the selected solar PV module manufacturers for five years post commissioning, on manufacture and sale of High Efficiency Solar PV modules.

Aims and Objectives

The scheme aims to build an ecosystem for manufacturing of high efficiency solar PV modules in India and thus reduce import dependence in the area of Renewable Energy. The objectives of the scheme include the following:

1. To build up solar PV manufacturing capacity of high efficiency modules.
2. To bring cutting-edge technology to India for manufacturing high efficiency modules. The scheme will be technology agnostic in that it will allow all technologies. However, technologies which yield better module performance will be incentivized.
3. To promote setting up of integrated plants for better quality control and competitiveness.
4. To develop an ecosystem for sourcing of local material in solar manufacturing.
5. Employment generation and technological self-sufficiency.

The PLI Scheme is being implemented in two tranches as follows:

Tranche-I:

1. The Union Cabinet approved the Production Linked Incentive (PLI) Scheme for National Programme on High Efficiency Solar PV Modules, for achieving manufacturing capacity of Giga Watt (GW) scale in High Efficiency Solar PV Modules on 7th April, 2021. Ministry of New & Renewable Energy (MNRE) issued the Scheme Guidelines for Production Linked Incentive Scheme on 'National Programme on High Efficiency Solar PV Modules' on 28th April, 2021, with an outlay of Rs. 4,500 crore.
2. Under this tranche, Indian Renewable Energy Development Agency Limited (IREDA), the implementing agency on behalf of MNRE for the PLI Scheme (Tranche-I), issued the Bid Documents for selection of manufacturers for setting up manufacturing capacities for High Efficiency Solar PV Modules. Letters of Award were issued by IREDA in November and December, 2021 to three successful bidders for setting up of 8,737 MW capacity of fully integrated Solar PV Module manufacturing units within PLI scheme outlay of ₹ 4,500 crore.

Tranche-II:

1. Subsequent to the Union Cabinet approval dated 21.09.2022, Ministry of New & Renewable Energy, on 30.09.2022, has issued Scheme Guidelines for implementation of Tranche-II of the PLI Scheme for High Efficiency Solar PV Modules, with an outlay of Rs. 19,500 crore.
2. Under this tranche, Solar Energy Corporation of India (SECI), the implementing agency on behalf of MNRE for the PLI Scheme (Tranche-II), issued the tender document for selection of Solar PV manufacturers under Tranche-II of PLI Scheme for High Efficiency Solar PV Modules. Letters of Award (LoAs) have been issued by SECI to 11 bidders in April 2023 for setting up 39,600 MW of fully / partially integrated solar PV module manufacturing.

Relevant Documents

- [Scheme Guidelines for Tranche-I of Production Linked Incentive Scheme 'National Programme on High Efficiency Solar PV Modules'](#)
- [List of successful bidders under Tranche-I](#)
- [Scheme Guidelines for Tranche-II of Production Linked Incentive Scheme 'National Programme on High Efficiency Solar PV Modules'](#)
- [List of successful bidders under Tranche-II](#)