

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 1404
ANSWERED ON 15.12.2022

ELECTRICITY FROM NON-FOSSIL FUEL

1404. SHRI MANICKAM TAGORE B

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

- (a) whether it is a fact that India has committed to a target of installing 5,00,000 MW of electricity capacity from non-fossil fuel based sources by 2030 and if so, the details thereof;
- (b) whether it is also true that the Government proposes direct investment of around Rs. 94,000 crore for the integrated manufacturing facilities and if so, the details thereof;
- (c) whether the Government also proposes employment for about 1,95,000 and 7,80,000 persons directly and indirectly respectively; and
- (d) if so, the details thereof?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER
(SHRI R.K. SINGH)

(a) In line with Hon'ble Prime Minister's announcement at COP26, Ministry of New and Renewable Energy is working towards achieving 500 GW of installed electricity capacity from non-fossil sources by 2030.

So far, a total of 172.72 GW capacity from non-fossil fuel based energy resources has been installed in the country as on 31.10.2022. This includes 119.09 GW Renewable Energy, 46.85 GW Large Hydro and 6.78 GW Nuclear Power capacity.

(b) to (d) The Ministry 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. This Scheme has provision of 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.

The Scheme is being implemented in two tranches.

Under Tranche-I, Letters of Award have been issued to three successful bidders in November / December 2021 for setting up 8737 MW of fully integrated solar PV module manufacturing capacity, which involves setting up of manufacturing units for polysilicon, ingots-wafers, cells and modules.

Under Tranche-II, Scheme Guidelines have been issued on 30.09.2022 and on 18.11.2022, Request for Selection (RfS) has been issued for selection of solar PV module manufacturers for setting up manufacturing capacities for high efficiency solar PV modules in India. The Tranche-II envisages addition of new fully/partially integrated solar PV module manufacturing capacities in the country with an investment of around Rs. 94,000 crore and generate direct employment for around 1,95,000 persons and indirect employment for about 7,80,000 persons.
