

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 2746
ANSWERED ON 22.12.2022

IMPLEMENTATION OF RENEWABLE ENERGY PROJECTS IN TAMIL NADU

2746. DR. VISHNU PRASAD M.K

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

- (a) the details of the major new and renewable energy projects being implemented in the State of Tamil Nadu;
- (b) whether the Government proposes to start any special project in the Parliamentary Constituency of Arani in Tamil Nadu and if so, the details thereof; and
- (c) whether any special project is under consideration so that Tamil Nadu can be self-reliant in the field of renewable energy and if so, the details thereof?

ANSWER

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

(a) to (c) A total of 19613.43 MW Renewable Energy capacity has been installed in the State of Tamil Nadu as on 30.11.2022 which includes 6333.46 MW Solar Power, 2178.20 MW Large Hydro Power, 9936.02 MW Wind Power, 123.05 MW Small Hydro Power and 1042.70 MW Bio-Power.

Further, the Renewable Energy projects undertaken by the Ministry in the state of Tamil Nadu, inter-alia, include the following:-

Green Energy Corridor(GEC):

- GEC (Phase-I):

The transmission system under Green Energy Corridor (GEC-I) is being implemented by MNRE through the State Transmission Utilities of 8 Renewable Energy (RE) rich States, including Tamil Nadu.

In Tamil Nadu, it is being implemented by Transmission Corporation of Tamil Nadu Limited (TANTRANSCO). As on 31.10.2022, 1068 ckm of lines have been constructed and 1910 MVA substations have been charged.

- GEC (Phase-II):

Green Energy Corridor Intra-State Transmission System Phase-II scheme has been approved for 7 States including Tamil Nadu.

Tamil Nadu is setting up 624 ckm of transmission lines and 2200 MVA capacity substations by FY 2025-26.

Solar Rooftop Phase-II:

10 MW capacity has been allocated to the DISCOMs in the state.

Further, as per information provided by Tamil Nadu Generation and Distribution Corporation Limited (TANGEDCO), the details of major Renewable Energy projects undertaken in the state of Tamil Nadu are as follows:-

- The Government of Tamil Nadu has proposed to establish 20000 MW of Solar Power Plant (SPV) and 10000 MWhr of Battery Energy Storage System (BESS) in Tamil Nadu by the year 2030. Further, implementation action has been taken for 4000 MW of SPV and 2000 MWhr of BESS in phase-I. TANGEDCO has initiated the process of land identification and acquisition in each District including Parliamentary Constituency of Arani. So far 6333.94 acres of land has been identified in 7 Districts.
- Government of Tamil Nadu (GoTN) has given consent for procurement of 4 GW power from Offshore Wind Power Project from offcoast of Tamil Nadu Under Long Term Power Purchase Agreement.
