

GOVERNMENT OF INDIA
MINISTRY OF POWER

RAJYA SABHA
UNSTARRED QUESTION NO.105
ANSWERED ON 03.02.2025

INCREASING CAPACITY OF POWER GENERATION IN TAMIL NADU

105 SHRI R. GIRIRAJAN:

Will the Minister of **POWER** be pleased to state:

- (a) whether Government has taken steps to increase the capacity of power generation in Tamil Nadu to match the increasing demand in the next two years;
- (b) if so, the present capacity of power generation in Tamil Nadu and the expected increase of power generation in the next two years in Tamil Nadu; and
- (c) whether Government has taken adequate steps to encourage and accommodate new private players in power generation especially in Tamil Nadu, if so, the details thereof?

A N S W E R

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI SHRIPAD NAIK)

(a) & (b): The present installed generation capacity in Tamil Nadu is 41,741 MW. The following measures have been taken to increase the power generation capacity in the State:

(i) 3,440 MW of thermal capacity and 500 MW of pumped storage plants in the state sector are anticipated to be commissioned in the next two years.

(ii) 2,500 MW nuclear power capacity is also expected to be commissioned in the Central Sector, out of which 1,251.8 MW has been allocated to Tamil Nadu.

(iii) About 6,900 MW of renewable capacity is anticipated to be added in the state over the next two years.

(iv) Schemes such as Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM), PM Surya Ghar Muft Bijli Yojana, Viability Gap Funding (VGF) Scheme for Offshore Wind Energy Projects have been launched.

(c): As per the Electricity Act 2003, the generation of electricity is a delicensed activity. However, the Government of India has taken several steps to encourage investment by the private players in the power generation including in Tamil Nadu particularly in renewable sector. These, inter-alia, include the following:

- (i) Ministry of New & Renewable Energy (MNRE) has issued Bidding Trajectory for issuance of RE power procurement bids of 50 GW/annum by Renewable Energy Implementing Agencies (REIAs) from FY 2023-24 to FY 2027-28.

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- (ii) Foreign Direct Investment (FDI) has been permitted up to 100 percent under the automatic route.
- (iii) Inter State Transmission System (ISTS) charges have been waived for inter-state sale of solar and wind power for projects to be commissioned by 30th June 2025, for Green Hydrogen Projects till December 2030 and for offshore wind projects till December 2032.
- (iv) In order to facilitate the integration of large scale renewable generation capacity addition in the country, the Transmission plan i.e “Transmission System for Integration of over 500 GW RE Capacity by 2030” has been prepared by CEA. This includes the transmission system for evacuation of 8 GW of RE (including 5 GW of off shore wind) in Tamil Nadu, out of which, for 1.5 GW RE capacity, transmission system (ISTS) is already commissioned; for 1 GW (including 0.5 GW offshore wind) RE capacity, transmission system (ISTS) is under implementation and transmission system (ISTS) for evacuation of 5.5 GW RE capacity has been planned and would be taken up for implementation in a phased manner commensurate with the RE capacity addition.
- (v) Project Development Cell for attracting and facilitating investments has been set up.
- (vi) Scheme for setting up of Solar Parks and Ultra Mega Solar Power projects is being implemented to provide land and transmission to RE developers for installation of RE projects at large scale.
- (vii) “Strategy for Establishments of Offshore Wind Energy Projects” has been issued indicating a bidding trajectory of 37 GW by 2030 and various business models for project development.
- (viii) Green Term Ahead Market (GTAM) has been launched to facilitate sale of Renewable Energy Power through exchanges.
- (ix) The government has approved the viability gap funding (VGF) scheme at a total outlay of Rs 7453 Cr for the implementation of Offshore Wind Energy Projects , for the installation of 1 GW of offshore wind energy projects, out of which 500 MW is to be installed off the coast of Tamil Nadu.
