

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA

UNSTARRED QUESTION NO-1756
ANSWERED ON-29/07/2021

DEVELOPMENT OF RENEWABLE ENERGY SOURCES

1756. SHRI PARTHIBAN S.R

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

- a) whether the Government proposes for development of renewable energy sources in the country and has set a target of 4.50 lakh megawatts of production by 2022?
(b) if so, the details thereof; and
(c) the steps being taken by the Government to promote renewable energy sources in a big way in TamilNadu by adopting suitable methods, increasing the investments and protecting the Purchasing Power Agreements (PPAs)?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a) & (b) Yes Sir, the Government has set the target of installing 450 GW of renewable energy capacity by the year 2030. Out of this 280 GW will come from solar, 140 GW from wind and balance from bio-power, Hydro and Storage.

(c) A total of 15324.50 MW of Grid Connected Renewable Energy capacity has been installed in the State of Tamil Nadu which includes 9640.54 MW Wind Power, 4541.86 MW Solar Power, 1019.05 MW Bio Power and 123.05 MW Small Hydro Power as on 30.06.2021.

The Government has taken several steps to promote Renewable projects in Tamil Nadu which are as follows:

- (i) Under PM-KUSUM Scheme, 17,500 nos. of standalone solar pumps (Component-B) and 20,000 nos. of solarizations of existing grid-connected agricultural pumps (Component-C) were sanctioned in Tamil Nadu during FY 2019-20. Under Component-B, out of 17,500 nos. of standalone pumps, 1016 nos. have been installed till date.
- (ii) During FY 2020-21, under PM-KUSUM Scheme, fresh sanction for 75 MW capacity under Component-A and 5000 nos. of standalone pumps under Component-B was issued.
- (iii) Under AJAY Phase-II, 2000 nos. of solar street lights were sanctioned in Ramanathapuram district. Out of this, 1502 nos. of solar street lights have been installed.
- (iv) Details of Solar Rooftop capacity sanctioned under phase II for residential sector in the state of Tamil Nadu are as follows:-

Name of DISCOM	Capacity allocated in FY 19-20	Capacity allocated in FY 20-21	Total
TANGEDCO (Tamil Nadu Generation and Distribution Corporation Limited)	5 MW	50 MW	55 MW

(V) The Government is implementing Green Energy Corridor in 8 RE rich States including Tamil Nadu. The project cost of GEC project in Tamil Nadu is Rs. 1593 crore with funding mechanism consisting of 40% central grant by MNRE, 40% loan from KfW, Germany and 20% from State. As on 30th June 2021, out of target of 1068 ckm transmission lines, 1056 ckm has been constructed and out of target of 2250 MVA capacity of substations, 1850 MVA capacity has been commissioned.
