GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 282
ANSWERED ON 27/11/2024

GRID ROOFTOP SOLAR SYSTEM IN PUNJAB

282. SHRI AMRINDER SINGH RAJA WARRING

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

(a) the total number of grid rooftop solar system installed in the State of Punjab during the last two years and the current year till date;
(b) whether there has been an increase in the grid rooftop solar system installations and usage during the last two years as compared to previous years and if so, the details thereof; and
(c) whether any steps have been taken by the Ministry to increase solar power consumption and usage in the State of Punjab, if so, the details thereof and if not, the reasons therefor?

ANSWER
THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER

(SHRI SHRIPAD YESSO NAIK)

(a) & (b) In the state of Punjab, a total of 200.32 MW grid solar rooftop capacity has been reported installed during the last two years and the current year i.e. from 2022-23 to 2024-25 (as on 31.10.2024).

During last two years i.e. 2022-23 and 2023-24, a total of 146.5 MW solar rooftop capacity was installed in the State of Punjab, which is higher as compared to a total of 120.3 MW solar rooftop capacity installed in the state during the previous two years i.e. 2020-21 and 2021-22.

(c) Ministry is implementing various schemes and programmes to increase solar power consumption and usage in the country including in the State of Punjab. The detail of these schemes and programmes is given as **Annexure.**

Annexure

Annexure referred in reply to part (c) of Lok Sabha Unstarred Question No. 282 to be answered on 27/11/2024 regarding "Grid Rooftop Solar System in Punjab"

Details of the ongoing major Solar Energy Schemes / Programmes

1. Scheme for Development of Solar Parks and Ultra-mega Solar Power Projects with a target of setting up 40,000 MW capacity. Under the scheme, the infrastructure such as land, roads, power evacuation system water facilities are developed with all statutory clearances/approvals. Thus, the scheme helps expeditious development of utility-scale solar projects in the country.

2. PM-Surya Ghar: Muft Bijli Yojana for installing rooftop solar and providing free electricity up to 300 units every month for One Crore households.

3. Production Linked Incentive scheme 'National Programme on High Efficiency Solar PV Modules' for achieving manufacturing capacity of Giga Watt (GW) scale in High Efficiency Solar PV modules (Tranche- I & II).

4. PM-KUSUM Scheme to promote small Grid Connected Solar Energy Power Plants, stand-alone solar powered agricultural pumps and solarisation of existing grid connected agricultural pumps. The scheme is not only beneficial to the farmers but also States and DISCOMs. States will save on subsidy being provided for electricity to agriculture consumers and DISCOMs get cheaper solar power at tail end saving transmission and distribution losses.

5. Central Public Sector Undertaking (CPSU) Scheme Phase-II (Government Producer Scheme) for setting up 12,000 MW grid-connected Solar Photovoltaic (PV) Power Projects by Government Producers, using domestically manufactured solar PV cells and modules, with Viability Gap Funding (VGF) support, for self-use or use by Government/ Government entities, either directly or through Distribution Companies (DISCOMS).

6. Green Energy Corridors (GEC): to create intra-state transmission system for renewable energy projects. Central Financial Assistance (CFA) is provided to set up transmission infrastructure for evacuation of Power from Renewable Energy projects in total ten States (considering both the phases of GEC).

   (i) Intra-State Transmission System Green Energy Corridor Phase-I

   (ii) Intra-State Transmission System Green Energy Corridor Phase-II

7. Renewable Energy Research and Technology Development (RE-RTD) Programme.

8. Human Resource Development Scheme with components such as short-term trainings & skill development programmes, fellowships, internships, support to lab upgradation for RE and renewable energy chair.