

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 1155
ANSWERED ON 09.02.2023

TARGET TO INSTALL ROOFTOP SOLAR PANELS

1155. SHRI G.M. SIDDESHWAR

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

- (a) whether it is a fact that only twenty per cent of the rooftop solar panels target has been achieved in the country till 2022;
- (b) if so, the details thereof;
- (c) whether it is a fact that the consumers are facing several problems during the installation of rooftop solar panel in their households
- (d) if so, the details thereof along with the response of the Government thereon; and
- (e) the details of the steps taken/proposed to be taken by the Government to boost the implementation of Rooftop Solar Project System in the country?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a)&(b) Against the target to achieve 40 GW of rooftop solar (RTS) capacity in the country by 2022, a total of 7.65 GW RTS capacity has been achieved till 31.12.2022.

(c)&(d) The Ministry of New and Renewable Energy (MNRE) is making regular efforts to make the process for installation of rooftop solar simple and user-friendly. In this regard, a National Portal (www.solarrooftop.gov.in) was launched on 30.7.2022. It has become simple and easy for a residential consumer to apply on the National Portal and get the rooftop solar installed under Rooftop Solar Programme phase II. The residential consumers from any part of the country can apply on the National Portal. The consumers have the choice to select any vendor registered with the local distribution company, solar modules of quality and efficiency, solar inverter and other balance of plants and equipment. The rate of rooftop solar plant is decided mutually by vendor and the consumer. DISCOMs role is limited to issuing technical feasibility approval, installation of net-meter and inspection of the system. After installation and inspection of the system, subsidy is released directly in the bank account of the consumer. The entire process from registration of the application till release of subsidy in the bank account of the consumer can be tracked online on the Portal.

(e) MNRE has taken several steps to promote rooftop solar in the country, which, inter-alia, include:

- Launch of Rooftop Solar Programme phase II with CFA for residential sector and incentives in slabs for the DISCOMs for achievement of additional RTS capacity in a year over and above the installed RTS capacity of the previous year.
- Launch of National Portal where residential consumers from any part of the country can apply for installation of RTS and subsidy will be directly credited into their bank account under the Programme.
- Applicability of CFA for RTS plants under Virtual Net Metering for a group of residential consumers in rural areas.
- Development of online portals at DISCOM level and aggregation of demand relating to RTS projects.
- Preparation of model MoU, PPA and Capex Agreement for expeditious implementation of RTS projects in Government Sector.

- Electricity (Rights of Consumers) Rules, 2020 has been issued for net-metering up to five hundred Kilowatt or upto the electrical sanctioned load, whichever is lower.
- Online portal developed for expediting project approval, report submission and monitoring progress of implementation of RTS projects.
- Facilitation of concessional loans from multilateral agencies such as the World Bank.
- Renewable energy included under priority sector lending guidelines of RBI.
- Declaration of trajectory of Renewable Purchase Obligation (RPO) upto year 2030
- Quality standards for deployment of solar photovoltaic system/ devices notified.
- Innovative business models for RTS prescribed.
- Information and public awareness activities through various mediums.
