

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 159
ANSWERED ON 20.07.2023

TARGET FOR SOLAR ENERGY UNDER PM-KUSUM

159. SHRI THIRUMAAVALAVAN THOL

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

- (a) whether the Government has set any target for providing solar energy under Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM) during the last five years and the current year.
- (b) if so, the details thereof;
- (c) whether the Gigawatt (GW) generation target and the target of Government spending has been achieved;
- (d) if so, the details thereof; and
- (e) if not, the reasons therefor?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a)&(b) The PM-KUSUM Scheme, which was launched in March, 2019 and scaled-up in November, 2020 has the following targets:

- (i) Component 'A': 10 GW capacity through installation of small solar power plants each of capacity up to 2 MW on the barren/fallow land of the farmers;
- (ii) Component 'B': Installation of 20 lakh standalone off-grid solar water pumps; and
- (iii) Component 'C': Solarization of 15 lakh existing grid-connected agriculture pumps including feeder level solarization (FLS).

All three components combined aim to add 30.8 GW of additional solar capacity.

(c) to (e) PM-KUSUM is a demand driven scheme and therefore quantities/ capacities are allocated under the three components of the scheme based on demand received from the States/ UTs. Funds under the scheme are released based on progress of installation reported by the State Implementing Agencies (SIA) and provisions of the scheme guidelines. As on 30.06.2023, a total of 113.08 MW capacity has been installed under Component 'A' and around 2.45 lakh pumps have been reported installed/ solarized under Component-B and Component-C combined. This is equivalent to about 1323 MW of installed solar capacity. So far more than Rs 1,646 Crore has been released to SIAs.

Availability of low-cost financing for farmers and state share of funds is a major challenge in implementation of the PM-KUSUM Scheme. In addition, the pace of implementation was significantly affected due to the COVID-19 pandemic during 2020-21 and 2021-22.
