

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 730
ANSWERED ON 07/12/2023

PM KUSUM

730. SHRI DHANUSH M. KUMAR
SHRI SELVAM G

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

- (a) the number of solar water pumps installed under the Pradhan Mantri Kisan Urja Suraksha evam Utthan Mahabhiyan (PM-KUSUM) since its inception in the State of Tamil Nadu;
- (b) the steps taken/being taken by the Government to increase the country's solar water pump manufacturing capacity;
- (c) whether the Government has adequate surveillance mechanisms and is taking active measures to ensure that solar water pumps do not disrupt the groundwater table in districts with depleted levels of groundwater; and
- (d) the steps taken/being taken by the Government to decentralise solar power production?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a) Since the launch of PM-KUSUM Scheme on 8.3.2019, Ministry of New and Renewable Energy has sanctioned 7200 pumps in the State of Tamil Nadu under Component-B of PM KUSUM scheme and till date 3187 pumps have been installed in the State.

(b) Following provisions of the PM-KUSUM Scheme aim to increase country's solar water pump manufacturing capacity: (i) Target of installation or solarization of 49 lakh pumps through central financial support under the Scheme provides visibility of demand in the coming years. (ii) Condition of domestic content requirement for participation in Component-B and Component-C of the Scheme.

(c) PM-KUSUM guidelines have a provision to address over-exploitation of ground water by solar pumps.

As per the scheme guidelines, new pumps are not permitted to be installed in Dark zone/Black zone/ over-exploited areas notified by Central Ground Water Board (CGWB). However, existing standalone diesel pumps, can be converted into standalone solar pumps in these areas provided they use micro irrigation techniques to save water.

(d) Presently, Ministry of New and Renewable Energy is implementing two major schemes for decentralize solar power production. These include (i) PM-KUSUM scheme targeted to achieve 10000 MW capacity through installation of grid-connected solar power plants each of capacity up to 2 MW under Component A and solarization of 49 lakh agriculture pumps under Component-B and Component-C; and (ii) Rooftop Solar Programme Phase II targeted to achieve 40 GW rooftop solar capacity in the country.
