

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 245
ANSWERED ON 08.12.2022

IMPLEMENTATION OF PM-KUSUM

245. DR. AMOL RAMSING KOLHE
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Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether the Government is successfully implementing Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM) and if so, the details of the target set and achievement made thereunder since inception;
- (b) the challenges faced by the Government while implementing PM-KUSUM;
- (c) the number of solar water pumps that have been installed under PM-KUSUM during the last three years in the State of Maharashtra, Tamil Nadu and Union Territory of Andaman and Nicobar Islands;
- (d) whether the Government proposes to extend the benefit of PM-KUSUM to farmers belonging to economically backward areas of the country and if so, the details thereof
- (e) the details of the beneficiaries covered under PM-KUSUM during the last three years in the said States/UTs;
- (f) whether the Government has taken steps to increase the country's solar water pump manufacturing capacity and if so, the details thereof; and
- (g) the other 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) Under PM-KUSUM Scheme it is targeted to achieve 10000 MW capacity through installation of grid-connected solar power plants each of capacity upto 2 MW under Component A and solarisation of 35 lakh agriculture pumps under Component-B and Component-C. PM-KUSUM is a demand driven scheme and capacities are allocated based on demand received from the states. As on 31.10.2022 an aggregate solar capacity of 73.45 MW has been installed under Component-A of the Scheme against total allocation of 4886 MW capacity and over 1.52 lakh agriculture pumps have been reported solarised against the allocation of 33.5 lakh pumps under the Scheme.

(b) 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.

(c) Till 31.10.2022, a total of 21499 standalone solar pumps in the State of Maharashtra and 2242 standalone solar pumps in the State of Tamil Nadu have been reported installed under Component-B of PM-KUSUM Scheme. No existing grid connected agriculture pump is reported solarized

under Component-C' of the Scheme in these states. Further, in absence of demand, no capacity allocation could be made in the Andaman & Nicobar Islands under the Scheme.

(d) As per PM-KUSUM Scheme, the implementation agencies in the States/ UTs have to provide priority to the small and marginal farmers while selecting the beneficiaries. Further, separate budgetary allocations are made under the Scheme for the beneficiaries belonging to Scheduled Castes & Scheduled Tribes and also those living in the North-Eastern States. Therefore, benefits under the Scheme are already available to the economically backward groups/areas of the country.

(e) Since the launch of PM-KUSUM Scheme on 8.3.2019 until 31.10.2022, a total of 21499 farmers in the State of Maharashtra and 2242 farmers in the State of Tamil Nadu have been benefitted under the PM-KUSUM Scheme. In absence of demand from the UT, no farmer could be benefitted in the Andaman & Nicobar Islands.

(f) Following provisions of the PM-KUSUM Scheme aim to increase country's solar water pump manufacturing capacity: (i) Target of installation or solarisation of 35 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. (iii) Direct participation of manufacturers of solar pumps/ solar photovoltaic modules/ solar pump controller either as sole bidder or member of a Joint Venture, in bidding under Component-B and Component-C.

(g) Presently, Ministry of New and Renewable Energy is implementing two major schemes for decentralised 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 upto 2 MW under Component A and solarisation of 35 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. The timeline of both the schemes have been extended till 31.3.2026
