

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**RAJYA SABHA**  
**STARRED QUESTION NO. 249**  
ANSWERED ON 12/08/2025

**SOLAR INSTALLATIONS AND WOMEN-LED FPO SUPPORT UNDER PM-KUSUM**

\*249. SMT. GEETA ALIAS CHANDRAPRABHA

will the minister of new and renewable energy be pleased to state:

(a) the amounts sanctioned under Pradhan Mantri Kisan Urja Suraksha evam Utthan Mahabhiyan (PM-KUSUM) for solar-powered irrigation pumps and cold storage units;

(b) the allocation and implementation of solar installations in Uttar Pradesh under PM KUSUM, including the number supported by women-led Farmer Producer Organisations (FPOs) and the extent of coverage in agrarian areas; and

(c) the training and maintenance protocols established for solar assets in remote villages of Auraiya-Etawah, ensuring long-term viability?

**ANSWER**

**THE MINISTER OF NEW & RENEWABLE ENERGY AND CONSUMER AFFAIRS,  
& FOOD AND PUBLIC DISTRIBUTION  
(SHRI PRALHAD JOSHI)**

(a) to (c) A Statement is laid on the Table of the House.

\*\*\*\*\*

## **STATEMENT**

### **STATEMENT REFERRED TO IN REPLY TO RAJYA SABHA STARRED QUESTION NO. \*249 FOR ANSWER ON 12.08.2025**

(a) PM KUSUM Scheme was launched in March, 2019 and is a demand driven scheme with total budgetary outlay of Rs 34,422 crores. The scheme has three components:

(i.) Component 'A': Setting up of 10,000 MW of Decentralized Ground/ Stilt Mounted Grid Connected Solar or other Renewable Energy based Power Plants by the farmers on their land;

(ii) Component 'B': Installation of 14 lakh standalone off-grid solar water pumps; and

(iii) Component 'C': Solarization of 35 lakh existing grid-connected agriculture pumps and through feeder level solarization (FLS).

Installation of standalone solar pumps is covered under Component B, in which Central Financial Assistance (CFA) of 30% (or 50% for North Eastern Region/Hilly region/Islands) is provided. Total outlay for this component is Rs 11,552 Cr and based on the progress reported by the states, the amount of Rs. 5,751.87 crore has been released to State/UTs for installation of solar pumps so far.

PM KUSUM Scheme does not cover the installation of cold storage units.

(b) The PM KUSUM scheme allows installation of solar pumps by farmers, group of farmers including farmer producer organizations (FPO)/ water user associations (WUA)/primary agriculture credit societies (PACS). The scheme has been implemented in all the states, including the State of Uttar Pradesh. As reported by State Implementing Agencies (SIAs) of Uttar Pradesh, the progress in the state of Uttar Pradesh is as follows:

(as on 31.07.2025)

<b>Component</b>	<b>SIA for UP</b>	<b>Sanctioned</b>	<b>Installed</b>
B (No. of pumps)	Department of Agriculture	1,07,266	66,487
A (in MW)	Uttar Pradesh New & Renewable Energy Development Agency	1	1
C (IPS) (No. of pumps)		12,000	4,264
C (FLS) (No. of pumps)		3,70,000	Under Installations

(c) The PM KUSUM scheme guidelines allow for the capacity building, compliance of Operation and Maintenance (O&M) and training of locals by the empanelled vendors, to the States. The scheme also mandates vendors to provide Annual Maintenance Contracts for five years from the date of installation, provide real-time monitoring, helpline support and district level service centers for the redressal mechanism.

As reported by the State of Uttar Pradesh, State Implementing Agencies have carried out capacity building programs and ensured O&M for solar assets through the empanelled vendors in all districts of UP, including Auraiya-Etawah.

\*\*\*\*\*