



Uttar Pradesh Leading in PM Kusum Yojana

Why in News?

The Union Minister of Consumer Affairs praised Uttar Pradesh's leading role in effective implementation of the [PM Kusum Yojana](#) and [PM Surya Ghar Yojana](#).

Key Points

■ PM-Kusum:

◦ About:

- PM-KUSUM is a flagship scheme launched by the Government of India in the year 2019 with the primary objective of **transforming the [agriculture sector](#) by promoting [solar energy](#) solutions** .
- It works on a demand-driven approach. Capacities are allocated based on **the demands received from various states and Union Territories (UTs)** .
- It aims to achieve a significant **solar power capacity addition of 30.8 GW by March 31, 2026** .

◦ Objective:

- The scheme aims **to reduce dependence on diesel** for irrigation by encouraging the use of **solar powered pumps and other renewable energy sources**.
 - It aims to increase farmers' income **by reducing irrigation costs through the use of solar pumps** and enabling them to sell surplus solar energy to the grid.
- By providing access to solar pumps and promoting **solar-based community irrigation projects** , the scheme aims **to enhance water and energy security for farmers**.
- The scheme aims to reduce environmental pollution caused by conventional energy sources by adopting clean and renewable solar energy.

◦ Ingredients:

- **Component-A : Installation of 10,000 MW decentralized ground/stilt mounted solar power plants** on barren/fallow/pasture/marshy/cultivable lands of farmers .
- **Component-B** : Installation of 20 lakh stand-alone solar pumps in off-grid areas.
- **Component-C** : Solarisation of 15 lakh **grid connected agricultural pumps** : Individual pump solarisation and feeder level solarisation.

■ PM-Surya Ghar Free Electricity Scheme:

◦ About:

- It is a central scheme to **promote the adoption of solar rooftop systems** by providing adequate financial **subsidy and ensuring ease of installation**.

◦ Aim:

It aims to provide **free electric power to one crore households** in India who wish to install power units with rooftop solar panels.

- Families will be able to get 300 units of electricity free every month.

◦ Implementing Agencies:

The scheme will be implemented at two levels .

- **National level:** Managed by [National Programme Implementation Agency \(NPIA\)](#).
- **State level:** Managed by **State Implementation Agencies (SIA)**, which are the **distribution utilities ([DISCOMs](#))** or electricity/energy departments of the

respective states or union territories.

- **Role of DISCOMs** : As SIA, DISCOMs are responsible for facilitating various measures towards promoting rooftop solar power transition , including ensuring availability of net meters , timely inspections and commissioning of installations.
- **Subsidy Structure**: The scheme provides subsidy to defray the cost of solar rooftop system installation. The subsidy is limited to a maximum capacity of 3 kW .
 - 60% subsidy for solar systems up to 2 kW capacity .
 - 40% subsidy for solar systems between 2kW to 3kW capacity .

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