

Pradhan Mantri Kisan Urja Suraksha Evam Utthan Mahabhiyan

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ARTICLE ID: 66



Introduction:

PM Kusum Yojana was launched by Government of India to increase the income of farmers and provide sources for irrigation and de-dieselising the agricultural sector. The PM-Kusum scheme got administrative approval in March 2019 and guidelines were prepared in July 2019. The scheme was launched by the Ministry of New and Renewable Energy (MNRE) for setting up solar pumps and other new power plants across the country. Each farmer will receive a 60% subsidy to set up tube wells and pump sets. They will also get 30% of the total cost as a loan from the Government.

Keywords: PM KUSUM Scheme, Solar Energy & Subsidy

Objective:

1. The solar pumps assist our farmers in much more effective and eco-friendly irrigation as these are capable of generating safer energy.



2. In addition, the pump sets comprise an energy power grid that generates more energy than diesel driven pumps. Farmers will be able to sell the extra power to our government directly to enhance their income.

The scheme aims to add solar and other renewable capacity of 25,750 MW by 2022 with total central financial support of Rs. 34,422 Crore including service charges to the implementing agencies.

Component:

KUSUM Scheme comprises 3 components that have different features:

➤ **Component A:**

Install a total of 10GV grid-connected stilt-mounted decentralised solar plants and other renewable energy-based power plants. Each plant is sized up to 500KW to 2MV.

➤ **Component B:**

Install stand-alone solar pumps of up to 7.5HP individual capacity and worth 17.50 lakh.

➤ **Component C:**

Provide financial support to Solaris 10 lakh grid-connected agricultural pumps of 7.5HP of capacity each.

Eligibility Criteria for PM- Kusum Scheme:

The eligible categories for KUSUM Scheme are:

- An individual farmer.
- A group of farmers.
- FPO or Farmer producer organisation.
- Panchayat.
- Co-operatives.
- Water User Associations.

Application for the Pradhan Mantri Kisan Urja Suraksha Evam Utthan Mahabhiyan

Interested individuals can apply for KUSUM Scheme by following the procedures stated below –

- **Step 1:** Go to the official portal and click on the registration section.



- **Step 2:** Fill in the registration form that appears on your screen with all the required details.
- **Step 3:** Check the box of declaration and click on “submit”.
- **Step 4:** After registering, click on “login” for Solar Agricultural Pumpset Subsidy Scheme 2021.
- **Step 5:** Provide all necessary information accurately in the online application form, attach all the supporting documents, and submit.

Documents Required for PM KUSUM Scheme:

- Aadhar card
- Land document including KhasraKhatauni
- Bank account passbook
- Passport size phot
- Declaration forms
- Mobile number

After a successful online application for KUSUM Scheme, farmers must deposit 10% of the total cost to set up a solar pump to the supplier sent by the department. The solar pump set will be empowered after the subsidy amount gets sanctioned, which generally takes 90 to 10 days.

Benefits of KUSUM Scheme: -

This scheme provides the following benefits:

1. The Indian Government initiated the construction of solar plants that can generate an aggregate of 28,250 MW of power.
2. The Government will subsidize 60% and provide a loan of 30% of the total cost. This leads our farmers to bear only 10% of the total cost to install solar plants and solar pumps.
3. The solar plants will be set up above a minimum height in cultivable lands. This way, our farmers will be able to continue with cultivation after installing the plants.
4. This scheme offers our farmers an opportunity of selling the extra power generated by the plants directly to our government. This ensures the scope of increase in the income of our farmers.



5. As per the KUSUM Scheme details, our government will provide subsidies to install state-of-the-art solar pumps. They improve irrigation as they hold 720MV of capacity.
6. KUSUM Scheme ensures increasing use of renewable energy helps to mitigate pollution in farms and opens a gateway to eco-friendly cultivation.

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