

**Application cum Consent Form for PM-KUSUM Scheme (Component-C)**  
 (Grid- Connected Individual Agriculture Pumps Solarisation)

**Scheme Title: PRADHAN MANTRI KISAN URJA SURAKSHA EVAM UTTAN MAHABHIYAN**

Ref No:

Date:

**Applicant Details Please fill in Block Letters**

Applicant type (Tick ✓): **Individual / Group of Individual**

Name of applicant (Farmer):

Aadhar Number (Attached xerox copy):

PAN Number (Attached xerox copy if available):

Mobile no:

Father/Husband Name:

Present Address:

PIN:

Permanent Address:

PIN:

Date of Birth :

Category: (SC/ST/OBC/GEN) :

Educational Qualification:

Present Occupation:

Annual Income:

Kisan Credit Card (Y/N) (Attached xerox copy):

Paste recent  
passport size  
photograph here

**Land Particulars of the proposed project**

a. Ownership of the Land: (Tick ✓):

i. Stands in name of applicant: ( )

ii. Leased out in favour of applicant: ( )

b. Khata No./Plot No.: Pin:

c. Village/Town:

d. Gram Panchayat:

e. Block:

f. Sub-Division:

g. District:

**Existing / Proposed Connection Details:**

Consumer type: **New** or **Existing** ( Please tick ✓ )

If Existing consumer, then enter Consumer Number (12 digit):

If new consumer, then enter New Connection Application Reference Number:

Category (e.g.: LT-Irrigation Pumping &amp; Agriculture):

Contract Demand in KW:

Pump Capacity in HP:

Proposed Solar Plant Capacity in KW:

Meter Installed (Yes/No):

Supply Voltage (230V/400V):

Single Phase/ 3 Phase :

**Means of Finance & Bank Account Details of Applicant**

Means of Finance (100% of project cost excluding subsidy): **Self Financing (\_\_\_)**      **Bank Loan (\_\_\_)**

Name of Bank:

Branch:

Bank Account number:

IFSC Code:

**Copy of document to be submitted along with this application form.**

- Land record /Lease Document
- Photograph of the applicant
- Photo identity proof
- Aadhar Card
- PAN
- Last Electricity bill in the name of applicant (for existing consumers only)
- Copy of Bank passbook
- Copy of Kisan Credit Card (KCC)

**Important Instructions:**

1. Solar PV capacity up to two times of pump capacity in kW is allowed under the scheme.
2. Central Finance Assistance of 30% of the benchmark cost or the tender cost, whichever is lower, & State Government will give a subsidy of 30% of the benchmark cost or the tender cost, whichever is lower, ; and the remaining 40% to be provided by the farmer. Bank finance may be made available for farmer's contribution, so that farmer has to initially pay only 10% of the project cost and remaining up to 30% of the project cost as loan.
3. TPWODL will sign a power purchase agreement with solar power plants installed for solarisation of individual grid connected pumps under this scheme with Power purchase cost of Rs.3.60/- per unit.
4. The minimum energy consumption by the farmer from the solar installations has to be at annual load factor of 15% for effective use of solar energy.
5. The self-consumption of power by farmer for irrigation purpose will be billed at RST rate approved by the Commission from time to time.
6. All scheme guidelines as per through office memorandum dated 8<sup>th</sup> March, 2019 by MNRE and consecutive memorandums on this scheme.
7. All other conditions are as per OERC order for case no 41/2022 and 62/2022 and amendments to order time to time.

I hereby give my consent towards application for solarisation of grid connected pump under PMKUSUM C scheme. I will pay 10% of project cost towards farmer's contribution. All the details of the scheme have been described to me before the application.

**Place:**

**Date:**

**Signature of Applicant**

**DISCOM Office & Network Details (for office use only)**

Name of Electrical Circle:

Name of Electrical Section:

Name of Sub-Division:

Name of Division:

Name of 11KV feeder:

Name of 33/11KV PSS:

**Signature of DISCOM officer**

**Incl: Annexure I****Financial Gain to farmer with Minimum Consumption**

Sl. No	Particulars	UOM	Value
1	Solar plant size	kW	4.5
2	Solar days considered	days	300
3	Solar Power generated at DISCOM (approx.) based on solar radiation.	kWh	5265
4	Rate at which DISCOM will purchase power from Farmer	Rs.	3.6
5=3x4	Estimated annual generation	Rs.	18954
*6	Estimated annual consumption with 3 HP pump or actual meter reading whichever is higher (with minimum @15% L.F)	kWh	2900
7	Rate at which DISCOM will bill farmer	Rs.	1.5
8=6x7	Cost of power used for self-consumption	Rs.	4350
(5-8)	<b>Surplus Amount</b>	<b>Rs.</b>	<b>14,604</b>

\*Based on the actual consumption this will vary.

**PM KUSUM Project Benefits for farmers:**

- Ensure Day Time Reliable Power and sale of power to grid @ Rs. 3.60/KWh
- Assured Operation and Maintenance of Plant for lifetime of Project
- Subsidized System Cost – Pay Less for More
- Generate Electricity with the sunshine
- Enjoy Hassel free ownership