

Ref. No. : CE(Dist)/Solar/No.2472

Date: 24.01.2019

## Circular

**Sub: Implementation of Mukhyamantri Saur Krishi Pump Yojana (MSKPY)**

**Ref :** 1. GoM GR dt. 15.11.2018  
2. GoM GR dt. 01.01.2019

Government of Maharashtra declared the ambitious scheme called "Mukhyamantri Saur Krishi Pump Yojana" in the state of Maharashtra vide GR under ref. with the objective of day time irrigation facility to the farmers. In this scheme, 1 lac off-grid solar pumps are to be installed in phase manner.

MSEDCL is the implementing agency for the scheme and SE (O&M) Circle is the authority to sanction the pump for eligible beneficiaries.

Under this scheme, 3HP/5HP DC submersible pumps would be installed along with the standalone lightning system comprising of 2 LED bulbs, 1 USB port for mobile charging and socket for battery charging (Battery is to be purchased by the farmer, if required).

In order to have effective implementation of the scheme, following guidelines are to be followed:-

### **1. Identification of the Beneficiary:**

Following applicants would be eligible for the scheme-

- i) Existing paid pending applicants (prior to March-2018), where cost of infrastructure by HVDS Scheme is more than 2.5 lac.
- ii) All paid pending applications after 31.03.2018
- iii) All new applications for Ag pump here afterwards
- iv) Any paid pending prior to March-2018 and having infrastructure cost less than 2.5 lac and is willing to establish solar pump in his farm. Priority to be given to the paid pending consumers.

### **2. Application Procedure:**

MSEDCL has developed full-fledged web portal for the solar pump scheme. The procedure to be followed as under:

- i) Applicant shall submit application form online which is available on MSEDCL web portal at <https://www.mahadiscom.in/solar>.

- ii) For existing paid pending consumers, Part-I of application form is to be filled, wherein only few mandatory fields needs to be filled up with the details like paid pending application no., payment details, sanction no., capacity demanded, source of irrigation and its depth, Aadhar No., Mobile No. and e-mail id (if available).
- iii) For new applicants (where no electric supply is availed by the consumer and not in paid pending list). Part-II of application form to be filled up with following details-

*Name, Address of applicants land, 7/12 details of the land, Type of Land, Area of land, Aadhar No, Mobile No, E-mail ID (if available), Residential address of applicant, Type of irrigation and its depth are mandatory.*

The necessary documents such as 7/12 extract, Aadhar Card copy, copy of cast certificate, NOC from concern deptt. to be uploaded on the web site.

After filling the form, hard copy of A1 form duly, signed by the applicant, shall be uploaded on the system and this copy will be presumed as received by MSEDCL.

### **3. Survey:**

After online receipt of the application form the Farmer/Beneficiary, the concern SDO will carry out the site inspection where the information filled in A1 application will be verified. SDO will carry out the site inspection within 3 days from the receipt of Application Form and submit online report to the Circle office. Any discrepancy pointed out during the survey shall be rectified and survey to be uploaded on Mobile App.

### **4. Sanction:**

After receipt of the site survey report from SDO, SE (O&M) will sanction A1 Application of the beneficiary on daily basis. The sanction of the pump capacity shall be done on the basis of following-

- i) If the land holding by the farmer is up to or less than 5 acres, 3 HP DC submersible pump to be sanctioned.
- ii) If the land holding by the farmer is above 5 acres, 5 HP DC submersible pump to be sanctioned.

The selection of pump capacity is predefined in the system as per above criteria and no change shall be allowed at field level. However, in case the capacity of the pump is not adequate or any deviation is required from beneficiary for the capacity selection, such cases needs to be submitted to Corporate Office for approval.

There are 3 models for each of the capacities, the selection of these models to be done depending on the deptt. of water source. The details are given in following table-

Description	Model-III	Model-IV	Model-V	Model-VI	Model-VII	Model-VIII
PV array	3000 Wp	3000 Wp	3000 Wp	4800 Wp	4800 Wp	4800 Wp
Motor capacity	3 hp submersible with controller	3 hp submersible with controller	3 hp submersible with controller	5 hp Submersible with controller	5 hp Submersible with controller	5 hp Submersible with controller
Shut Off Dynamic Head	45 metres	75 metres	100 metres	70 metres	100 metres	150 metres
Water output*	105,000 litres per day from a total head of 30 metres	63,000 litres per day from a total head of 50 metres	42,000 litres per day from a total head of 70 metres	100,800 litres per day from a total head of 50 metres	67,200 litres per day from a total head of 70 metres	45,600 litres per day from a total head of 100 metres

After approval, the firm quotation will be generated automatically and intimated to the beneficiary on SMS and same may be e-mailed (if e-mail id provided) automatically. The details of the payment to be paid by the beneficiaries are as under. Also one copy will be sent by courier post.

Category	Beneficiary Contribution for 3HP	Beneficiary Contribution for 5 HP
Open Category	25500 (10%)	38500 (10%)
SC Category	12750 (5%)	19250 (5%)
ST Category	12750 (5%)	19250 (5%)

- Already paid amount will be adjusted and consumer is required to pay the differential amount (differential amount will be calculated by the system)

#### 5. Issue of work order and execution of work for establishment of solar pump:

For the purpose of providing solar pumps, MSEDCL has floated tenders as under-

- Tender for supply and execution of 50,000 solar pumps. The tender is in process and will be finalized up to 31.01.2019.
- Tender for empanelment of 25,000 pumps is also floated and will be finalized soon.

In the tender as specified in Sr.No.1, the agencies for establishment of solar pump will be identified and District wise quota would be allotted to the agency. Concern SE (O&M) will hand over the list of paid pending beneficiary to the agency and agency will carry out the works within 3 months from handing over of the list.

For the tender as specified in Sr. No. 2, the agencies for establishment of solar pump revenue division wise Agencies will be empanelled. The beneficiary has the freedom to select an agency after making the payment of demand note. After intimation of the name of agency to MSEDCL by an

applicant, SE (O&M) will issue the work order to empanelled agency through ERP system. The agency has to carry out the work within 3 months from the issue of work order.

#### **6. Payment Procedure for Agency:-**

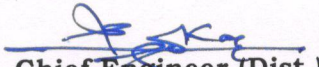
- i) Bill of 90 % of Amount of Work order may be submitted subjected to Maximum 2 nos. of RA Bills of minimum 50 nos. of SPV Water Pumping systems each shall be accepted in a month. However, one bill per month will be permitted, if executed quantity is less than 50 nos. in the month.
- ii) After successful commissioning of solar pump, the joint handing over certificate to be signed on site by beneficiary, agency representative and MSEDCL representative, Photograph of solar pump to be uploaded with farmer through MSEDCL Mobile app and activation of Automated Meter Reading (AMR) for remote monitoring to be ascertained. The 70% payment of the agency will be released.
- iii) The balance 10% of payment against supply, installation and commissioning of Solar photovoltaic water pumping system excluding Taxes shall be released on successful supply, erection, testing and commissioning of total ordered Solar Photovoltaic Water Pumping systems as may be certified by employer's representative and issuance of taking over Certificate by the Employer/ beneficiary.

#### **7. Beneficiary Complaints & Redressal:-**

- i) The guarantee period of DC Solar Photovoltaic Water Pumping system (including brushless DC Motor, control panel) is 5 yrs and for solar PV panel is 10 years.
- ii) For any complaint regarding non-working of the pump, beneficiary can register the complaint at MSEDCL Call center. The complaint will be forwarded to concerned agency by call center. The agency shall resolve the complaint within 3 days. In case the complaint is not attended by agency in stipulated time then, Penalty shall be levied as per tender condition.

For the detail terms and conditions of the contract, tender document may be referred which is available on MSEDCL website. Further, for any difficulty in implementation of the scheme please contact Chief Engineer (Dist) on [cedist.solarmsedcl@gmail.com](mailto:cedist.solarmsedcl@gmail.com).

You are directed to follow above instructions scrupulously.

  
**Chief Engineer (Dist.)**  
**Corporate Office, Mumbai**

#### **Copy s.w.r. to:**

1. The Director (Projects/Operations), Corporate office, Mumbai.
2. The Executive Director (Dist./Infra/IT), Corporate office, Mumbai.
3. The Jt.MD/Regional Director, Aurangabad/Konkan/Nagpur/Pune.

#### **Copy w.c.s. to:**

1. The Chief Engineer, All O&M Zone.
2. The Superintending Engineer All O&M Circle.