

**Session on
Documentation and Compliances
under PM-KUSUM**

Provisions of Allocation under Component-B & C (IPS)

01

State Identifies Number of Beneficiaries.

02

State sends the demand. Sanction issued by MNRE.

03

The Sanction is valid for 24 months from its date of issue with following conditions:-

- * Follow Guidelines & Amendments.
- * Use of indigenous solar cells, solar modules, motor pump-set, controller, and balance of the system.
- * Declaration from the vendor regarding imported components.
- * Central Financial Assistance (CFA) as per provisions of the Scheme.
- * Recovery of the whole or part amount of the CFA, with applicable penal interest, in case of non-compliance with the provisions of the Scheme/Sanction.
- * Concerned SIA will certify that they have not obtained or applied for grants for the same purpose or activity from any other Ministry or Department of the Government of India or State Government.

Application & Vendor Empanelment

01

Social Engineering

02

Application Registration

03

Tender (Central/State) is done for the Empanelment of vendors.

04

Issue of Lol

05

LoA - Sanctioned qty or the numbers of pumps SIAs targeted to install.

06

Release of advance CFA and advance service charge

07

Documents required to be submitted for advance release:- Covering letter and copies of LoAs placed.

- 01 ● Site Survey.
- 02 ● Collection of Farmer Share.
- 03 ● Compliance with the specification and performance characteristics as per MNRE specification and take care of the head-wise characteristics.
- 04 ● Test reports should be taken from the vendors.
- 05 ● Certificate of MMS structure from IITs/NITs/IISC, if required
- 06 ● Assets mapping in the SEDM Portal
- 07 ● PDI Call
- 08 ● On successful PDI, NTP shall be issued

Preparatory activity for installation of the pump

Material dispatch

Foundation at site

Based on the milestone achieved SIAs may start releasing the funds to vendors.

Installation & Release of Funds

Demand of Second Installment

Demand Final installment along with the remaining service charge on submission of PCR

MNRE will retain 33% of the eligible amount from service charges for nationwide centralized IEC activities.



Submission of PCRs

- 01** ● **Documents to be submitted with the Completion Report:**
 - *Cover Letter
 - *UC of previous releases as per GFR format 12-C
 - *Audited Statement of Expenditure (ASoE) as per MNRE format
 - *Project Completion Report of Component B of PM
 - *KUSUM Program
 - *Installer-wise List of Beneficiaries (CSV)

- 02** ● **Refund the Unspent amount to SECI Account.**
- 03** ● **Refund Interest Accrued to MNRE's Account.**
- 04** ● **Detail of Service Centers on SEDM & Central Portal.**
- 05** ● **Duly filled undertaking from SIA on their letterhead to be submitted to MNRE**
- 06** ● **Release the payment to the vendors as per tender terms and conditions.**

Applications under Component A

Demand & Sanction

The Sanction is valid for 24 months from the date of issue.

Ensure compliance of Guidelines & Amendments

Notification of Sub-stations

Tariff Determination by SERC

Invitation of Expression of Interest

Option to set up Solar Power Plants on their own or through developer(s)/DISCOM by giving their land on lease.

Farmer/ Developer to submit a non-refundable processing fee no higher than Rs. 5000 per MW or part thereof of the capacity applied for

Allocation of capacities to Farmers or Developers

- 01 LOA to all eligible beneficiaries
- 02 Allocation through reverse bidding on the tariff
- 03 The SPGs provide Bank Guarantee in form of Earnest Money Deposit (EMD) of Rs. 1 Lakh/MW along with EOI
- 04 No PBG
- 05 EMD will be converted to PBG
- 06 Release of EMD in case of non-selection of bidder
- 07 12 month validity of PBG
- 08 PPA at pre-fixed levelized tariff/lowest tariff determined
- 09 PBI @ Rs. 0.40 per unit purchased or Rs. 6.6 lakh unit of capacity installed, whichever is less. For claim cover letter along with JMR

Sanction – C: FLS



- 01 ● The DISCOMs identify the agricultural feeders to be solarised under the scheme. Mixed feeders can also be solarized, however, MNRE CFA will be available based on capacity calculated for agriculture consumption.
- 02 ● Demand & Sanction
- 03 ● Sanction is valid for 24 months from the date of issue
- 04 ● SIA may facilitate the developer in acquisition of land or its lease rights, provides connectivity at DSS, and lays sub-transmission line between DSS and solar power plant.
- 05 ● The developers can choose to solarise the feeders either through a) CAPEX mode or, b) RESCO mode.
- 06 ● SIAs need to collect Farmer's Consent regarding meter installation.
- 07 ● State may get the agriculture feeders segregated under RDSS Scheme of the Ministry of Power
- 08 ● State may choose to segregate the feeders physically or virtually through IoT based applications.

Calculation of Plant Capacity

MNRE has circulated method for calculation of solar plant capacity eligible for CFA under FLS

Average consumption for the last three years may be considered for calculating the solar plant capacity.

The state may choose to install feeder-level solar power plants of a capacity higher than the capacity required for supplying power to agriculture feeders. However, CFA will be limited by the solar capacity required for supplying power to agriculture feeder.

The average consumption of 7.5 HP pumps on the feeder may be used for estimating consumption for all pumps of higher capacity than 7.5HP.

Since the projects are to be commissioned near the point of consumption, distribution losses would be negligible, therefore, losses shall not be considered in plant capacity estimation.

CUF for the plant to be considered at 19% or more

No restrictions on installing extra DC capacity

In case of unmetered connection, detailed methodology shared by MNRE

CAPEX MODE

- DISCOM may invest their own funds to install the solar power plant
- CFA of 30% (up to Rs. 1.05 Crore/ MW) will be provided by the Central Government and the balance will be met through a loan from NABARD/PFC/REC.
- Advance CFA up to 40% of the total eligible CFA will be released to DISCOMs on completion of tendering process and signing of work agreement with EPC contractor selected for installation of the solar power plant.
- Balance CFA will be released on successful commissioning of solar power plant and plant starts supplying power to agriculture feeder(s).
- On closure of the loan, the power becomes virtually free for the Discom.
- When agriculture consumption is low, power can be used on other feeders on the same substation.

RESCO MODE

- The developers will be selected on the basis of the lowest tariff offered for the supply of required solar power for a period of 25 years.
- The developer will get CFA @ 30% of the estimated cost of installation of the solar power plant i.e. Rs. 1.05 Cr/MW (30% of Rs. 3.5 Cr/MW).
- 100% of the total eligible CFA will be released to the RESCO developer through DISCOM on successful commissioning and performance of the solar plant for two months after the commissioning, with at least one-month CUF as per minimum CUF agreed in PPA.
- Suitable clause in PPA shall be included to ensure that RESCO developer does not sell solar power to any other buyer except the concerned Discom during the tenure of PPA, including a penal provision calling for a refund of proportionate CFA granted to the project by MNRE on violation of this condition.
- In case of any liquidation of assets of the solar power plant prior to completion of the PPA period, the first charge shall be towards the recovery of proportionate CFA granted to the project by MNRE.



Thank You