



JHARKHAND BIJLI VITRAN NIGAM LIMITED

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Letter No.....**261**.....

File No. CE[C&R]/Comm1/3140/2024

Date **05-12-2024**

From,

Arvind Kumar

Executive Director (C&R)

To,

All Dy. General Manager (Technical)

Electric Supply Circle

All Senior Manager (Technical)

Electric Supply Division

Sub: Implementation of Solar Net Metering under PM- SURYAGHAR: ~~M~~ Muft Bijli Yojna and billing of all Solar Roof Top Consumers

Sir,

In compliance with the installation and billing of solar net meter consumers, certain procedures need to be implemented, details of the past and current grid-connected rooftop solar programs are outlined below:

1. Phase-II of Grid Connected Rooftop Solar Programme: -

The Ministry of New and Renewable Energy (MNRE) launched Phase-II of the grid-connected rooftop solar program to achieve a cumulative capacity of 40,000 MW from Rooftop Solar (RTS) projects. The program covers the following components:

Component A: Setting up grid-connected rooftop solar systems in the residential sector with Central Financial Assistance (CFA).

Component B: Providing incentives to DISCOMs based on their achievements in installing RTS across all sectors.

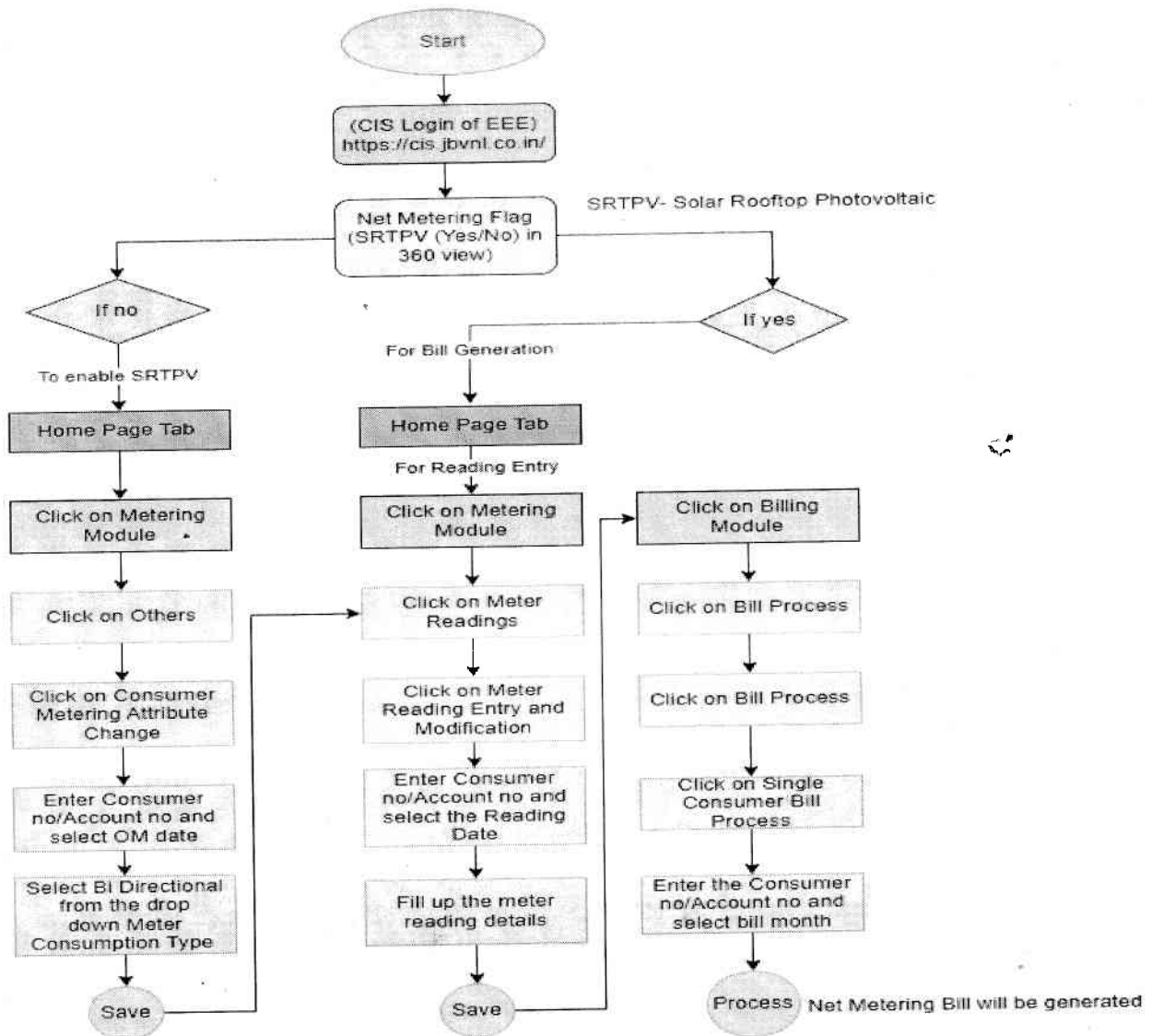
Under this scheme, power distribution companies have been designated as the central implementing agencies within their license areas. They are required to coordinate with consumers, development partners (vendors), and MNRE for effective execution.

As part of this program, **230 domestic consumers** have installed rooftop solar systems with net meters (**details enclosed**). The billing for all such consumers through net metering must be initiated immediately.

M/s Fluentgrid, the software service agency, has developed the solar net billing module in the CIS system, which can be used for generating the bills. Additionally, M/s Fluentgrid has been directed to develop a spot billing application for net metering, which is currently under

development. Once the application is released, net metering billing will also be possible through the spot billing system.

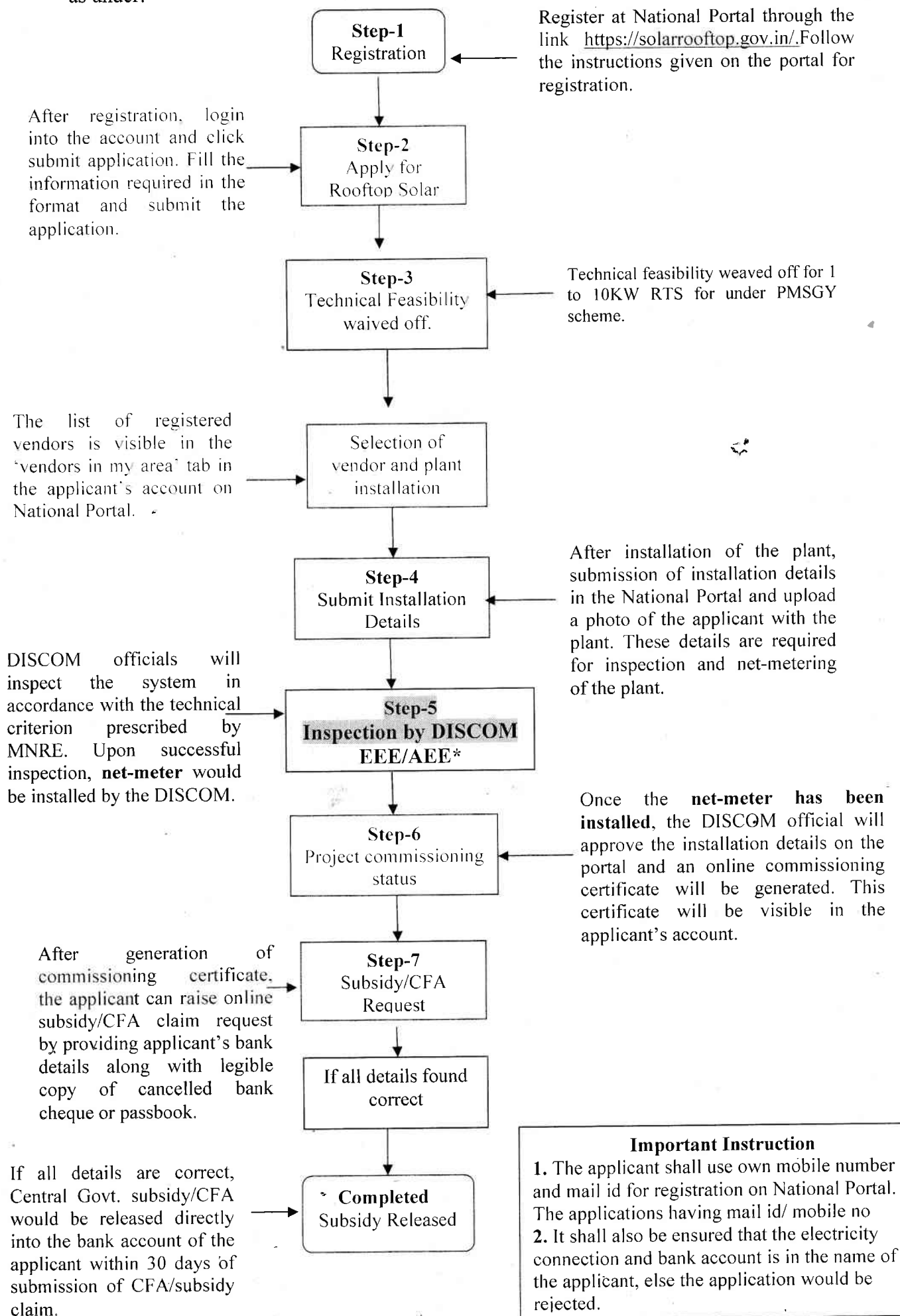
The flow chart for the billing process (through CIS System) of rooftop domestic consumers is as follows:



2. PM- SURYAGHAR: Muft Bijli Yojna: -

The Government of India has approved the **PM Surya Ghar: Muft Bijli Yojana** on **29th February 2024** to increase the share of solar rooftop capacity and empower residential households to generate their own electricity. The scheme has an outlay of Rs 75,021 crore and is to be implemented **till FY 2026-27**. The Distribution Utility shall be the State Implementation Agencies at State level. Under the scheme, the DISCOMs shall be required to put in place several facilitative measures for promotion of rooftop solar in their respective areas such as **availability of net meters, timely inspection and commissioning of installations, vendor registration and management, interdepartmental convergence for solarizing government building etc.**

The Procedure for installation of rooftop solar plant through National portal for Roof top solar is as under:-



*Note- During the inspection, the application fee of Rs.250/- (upto 50 kW/63 kVA)/Rs. 750/- (above 50 kW and upto 1 MW) registration fee of Rs. 1000/- (upto 50 kW/63 kVA)/Rs. 2500/- (above 50 kW and upto 1 MW), and meter testing fee of Rs. 100/- (Single Phase/Three Phase)/Rs.1000/- (Trivector/Special Type Meter, HT, EHT Metering Equipment) or as per prevailing tariff/regulations issued time to time from Hon'ble JSERC shall be charged to the consumer. Furthermore, if the net meter (except smart meter) is provided by the licensee the cost of the meter shall also be chargeable to the consumer. However, if the premises are within the RDSS area, the smart meter shall be provided to the consumer free of cost. If the smart meter or net meter is provided by the consumer or vendor, it shall be tested promptly at the MRT lab under the relevant jurisdiction. After testing, the meter should be immediately handed over to the consumer or vendor for installation. It must be ensured that there is no delay caused due to the testing of such meters.

Applicable Subsidy Support for Rooftop Solar Plant Capacity for Domestic households

Suitable Rooftop Solar Plant Capacity	Subsidy Support
1 – 2 kW	Rs 30,000 per KW ie. For 1 KW – Rs. 30,000.00 & for 2 KW - Rs 60,000/-
Above 2 kW	Rs. 18,000/- per kW for additional capacity up to 3 kW i.e. For initial 2 KW - Rs 60,000 and above 2 KW Rs. 18,000/- per kW (maximum Rs. 78,000/-)
Above 3 kW	Rs 78,000/- (capped)

Once the net meter is installed and the solar system is operational, the system will be ready to generate electricity. The generated electricity, as well as export and import electricity units, can be recorded from the net meter. Subsequently, the billing of net meter consumers can be initiated as outlined above.

It is also important to note that, in addition to the aforementioned schemes, many consumers have independently installed rooftop solar systems on their premises due to the cost-effectiveness and environmental benefits. However, the billing for these consumers is either pending or has not been provided in the correct format. Therefore, it is essential to issue proper bills in the appropriate format for these consumers.

You are directed to generate bills for all rooftop solar consumers through the CIS system, ensuring that accurate readings are physically recorded. If any bills have already been issued based on net metering, the necessary adjustments should be made by following the established bill modification or correction process.


Since previous export readings are unavailable, bills may have been generated using a zero as the previous reading. If past bills have already been issued under such circumstances, the resulting bill amounts may be inaccurate. To address this, any discrepancies should be corrected or

adjusted at the Division/Circle level. If there are any uncertainties, you may contact the Revenue wing of JBVNL Headquarters for guidance.

It is mandatory to ensure that bills are generated for 100% of rooftop solar consumers.

Encl: Annexure (list of 230 net meter consumers under phase II Grid Connected RT Solar Program)

Yours faithfully,


(Arvind Kumar)

Executive Director (C&R)