



# Jharkhand Bijli Vitran Nigam Limited

(CIN: U40108JH2013SGC001702)

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Letter No. ....  
File No. - GM(Coml)/3140/2024

Dated .....

From,  
GM (Coml.), JBVNL

To,  
All General Manager (Tech), Electric Supply Areas  
All Dy General Manager (Tech), Electric Supply Circles  
All Senior Manager (Tech), Electric Supply Divisions

Sub: **Instruction/Guidelines regarding installation of rooftop solar PV Grid interactive systems under MNRE PM- SURYAGHAR subsidy Program and under other subsidy, non-subsidy rooftop solar scheme with Net metering & their billing in line with prevailing JSERC Net metering - Reg.**

Ref:- This office letter No- 677 dated- 01.06.2016

Sir,

As we are aware that several Grid connected (on grid) rooftop solar programs (subsidy, non-subsidy, solar city, Govt/ private building etc) are running in the State under different schemes as per JSERC (rooftop solar PV) regulations 2015 notified by Jharkhand Gazette 20th January, 2016 and their amendment thereof.

For the salient features of the Regulations, you may refer the Regulations on JSERC Website in the following manner:- [https://jserc.org- rule & regulations notified regulations](https://jserc.org-rule&regulations-notified-regulations) (<https://jserc.org/regulation.aspx>)

Some of the notified Regulations and guidelines regarding rooftop solar PV are as follows:-

- i) JSERC (Rooftop Solar PV Grid Interactive Systems and Net/Gross Metering) Regulations, 2015
- ii) JSERC (Rooftop Solar PV Grid Interactive Systems and Net/Gross Metering) (1st Amendment), 2019
- iii) JSERC (Rooftop Solar PV Grid Interactive Systems and Net/Gross Metering) (Second Amendment) Regulations, 2020
- iv) JSERC (Rooftop Solar PV Grid Interactive System and Net/Gross Metering) (Third Amendment) Regulations, 2023
- v) Further amendment thereof issued time to time.
- vi) Instruction/Guidelines regarding rooftop solar PV Grid interactive systems and Net metering issued by this office Letter No- 677 dated- 01.06.2016

In order to sustainable development and people's well-being, Hon'ble Prime Minister of India on 13th Feb 2024 has launched "PM- SURYAGHAR : Muft Bijli Yojna". This project with an investment of over Rs. 75,021 Crores aims to light up 1 Crore Household by providing upto 300 units of free electricity every month vide MNRE Memorandum No- 318/17/2024 - Grid connected rooftop dated- 16th March 2024 has sanctioned this amount for that scheme.

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Key features of programme –

- Subsidies for installation of rooftop solar in domestic private premises
- Concessional bank loans
- 100% online process for registration, application, approvals and subsidy release through National Portal ie [www.solarrooftop.gov.in](http://www.solarrooftop.gov.in) or [www.pmsuryaghar.gov.in](http://www.pmsuryaghar.gov.in)
- Media and door-to-door campaigns for outreach

Subsidy for residential households under PM Suryaghar

Sl No.	Type of Residential Segment	CFA
1	Rooftop solar plant of capacity up to 2 KW in residential household	Rs. 30,000/- per kW or part thereof
2	Additional capacity for plant capacity ranging between 2 KW and 3 kW	Rs. 18,000/- for additional KW or part thereof
3	Additional capacity beyond 3 kW	No additional CFA. ie Total Subsidy for systems larger than 3 kW capped at Rs 78,000/-
4	Group housing society/ Residential Welfare Associations (GHS/RWA) etc. for common facilities, including EV Charging up to 500 KW (@ 3KW per House) with the upper limit being inclusive of individual rooftop plants installed by individual residents in the GHS/RWA	Rs. 18,000/- per KW

Ministry vide office Memorandum No- 318/16/2024 - Grid connected rooftop dated- 19th Feb 2024 has clarified that the CFA provisioned under PM-SURYAGHAR : Muft Bijli Yojna would be applicable with immediate effect on all application submitted on National Portal from 13.02.2024. All earlier application that were received on the portal prior to issuance of this order would be eligible to avail subsidy as per the CFA structure issued vide Ministry O.M No- 318/331/2017- Grid connected rooftop dated- 05.01.2024

To scale up the scheme vide Ministry O.M No- 318/6/2022- Grid connected rooftop dated- 25.01.2024, GoI has decided that Central Power Sector Undertaking (CPSU) under the Ministry of Power and MNRE be assigned the responsibility for progressing the rooftop solar across the India and accordingly Jharkhand State has been allocated to DVC for exploring the setting up of Grid connected rooftop solar. DVC in this line has nominated their district wise officer assisting JBVNL for implementation of rooftop solar. List of district wise Nodal officer of DVC is annexed as Annexure-I for your support.

REC Ltd had already been assigned as overall program implementation agency for rooftop solar program vide MNRE Memorandum No- 318/2/2024 - Grid connected rooftop dated- 16th January 2024. As per MNRE Memorandum No- 318/17/2024 - Grid connected rooftop dated- 16th March 2024, all previous scheme of MNRE Phase-II of Grid connected Rooftop Solar Programme will be deemed subsumed under PM- SURYAGHAR : Muft Bijli Yojna from 13.02.2024

All the domestic consumers of the JBVNL who intend to setup rooftop solar PV plants under PM- SURYAGHAR : Muft Bijli Yojna in their premises shall be eligible to do so with project capacity ranging from minimum 1 kWp and above, but the subsidy of central Govt shall be limited to Rs. 78,000/- under aforesaid scheme.



Consumer may get benefit aforesaid subsidy through Online Applications only submitted on the National Portal at <https://pmsuryaghar.gov.in> Consumer data will be fetched automatically through API integration with JBVNL. Only Electricity Bill is needed for applying rooftop solar.

Stepwise Procedure under PM- SURYAGHAR are as follows:-

**Step 1 (Registration)**

Register in the portal with the following

- Selecting State & Electricity Distribution Company
- Enter Electricity Consumer Number, Mobile Number & Email

**Step 2 (Login -apply for rooftop solar)**

- Login with Consumer Number & Mobile Number
- Apply for the Rooftop Solar as per the form

**Step 3 (Technical Feasibility Approval & Plant installation)**

- Once getting the feasibility approval, get the plant installed by any of the registered vendors of DISCOM.

**Step 4 (Submit Installation Details & Apply for NET Meter)**

- Once installation is completed, submit the plant details and apply for net meter

**Step 5 (Inspection by DISCOM & Installation of NET Meter)**

- Commissioning certificate will be generated from the portal, after installation of net meter and inspection by DISCOM

**Step 6 (Subsidy claim)**

- Once getting the commissioning report. Submit the bank account details and a cancelled cheque through the portal. Consumer will receive their subsidy in its bank account within 30 days.

Note:- Stepwise Procedure may be downloaded from National portal also (Annexure-II)

Further, necessary guideline for implementation of grid connected rooftop solar scheme under MNRE PM- SURYAGHAR : Muft Bijli Yojna & under different projects shall be shared time to time as received from higher authorities. Meanwhile, you are requested to down load the Mob app (PM Surya Ghar App) through the Google play store and go to MNRE website- [www.solarrooftop.gov.in](http://www.solarrooftop.gov.in) or [www.pmsuryaghar.gov.in](http://www.pmsuryaghar.gov.in) for further clarity, updating, more information and upcoming guideline.

Besides the above program, domestic as well as others category consumers of the JBVNL who intend to setup on grid rooftop solar PV plants without subsidy or on own cost, in their premises shall also be eligible to do so as per the JSERC (Rooftop Solar PV Grid Interactive Systems and Net/Gross Metering) Regulations, 2015 and their amendment issued time to time. For doing all formalities, starting from accept application, feasibility approval prior to installation, Inspection by JBVNL's officer after installation work, registration & Net Meter agreement for solar system and Installation of NET Meter, etc shall be as per the JSERC's Regulations, JBVNL's issued guidelines, prevailing JBVNL's norms, practice & DoFP applicable for new connection as case may be and procedure circulated form MNRE. Billing of all solar prosumer having Net meter shall be based on Net Energy reading (import minus export) & considering balance energy carried forward/over along with settlement at the end of every financial year. Net billing software has been developed by M/s Fluent grid (FG) & IT team & hence all net billing would be done with the help of FG.



## Entire process for installation of on Grid Rooftop Solar System

Process 1	Process 2	Process 3	Process 4	Process 5
Application Process:- Online application filling, Application fee payment, get online application receipt / acknowledgment.	Feasibility Check Process:- Feasibility check and online approval for installation of Rooftop Solar System.	RTS Installation Process:- Installation of Solar system, Uploading RTS installation related documents as required.	NET Metering Registration Process:- Apply online for Solar registration/ deposit Registration fee, NET Meter testing fee if applicable / get registration acknowledgement, Net Meter testing & Net Meter interconnection agreement signing.	Commissioning Process:- Net M installation, Signing of project completion report, Commissioning report etc as required. Updating of Net meter details to the JBVNL Portal and Initiation of Billing Process

### Application and Registration fee for Rooftop Solar

#### "APPLICATION FEES"

S. No.	Connected Load / Contract Demand of Eligible Consumer	Amount
1.	Up to 50 kW / 63 kVA	Rs 250
2.	Above 50 kW and up to 1 MW	Rs 750
3.	Above 1 MW and up to 2 MW	Rs. 1500

The amount of application fee for eligible consumer and third party owner other than the owner of the premises shall be the amount mentioned above.

#### REGISTRATION FEES

S. No.	Connected Load / Contract Demand of Eligible Consumer	Amount
1.	Up to 50 kW / 63 kVA	Rs 1000
2.	Above 50 kW and up to 1 MW	Rs 2500
3.	Above 1 MW and up to 2 MW	Rs. 5000

The amount of registration fee for eligible consumer and third party owner other than the owner of the premises shall be the amount mentioned above.

**Note:- The aforesaid amount is as per the JSERC (Rooftop Solar PV Grid Interactive Systems and Net/Gross Metering) (1st Amendment), 2019 and shall be validate till further notification / amendment.**

It is to intimate that district -cum- division wise nodal officer from JBVNL for timely implementation of rooftop solar scheme under MNRE PM- SURYAGHAR Programme as per MNRE guideline & procedure/ steps through National Portal and implementation of other on grid rooftop solar scheme (to be issued time to time) has been nominated vide Office Order No. 242 dtd. 12.04.2024 (copy annexed as Annexure-III).

This has got approval of MD, JBVNL

Encl:- Annexure-I,II & III

Yours faithfully

Sd/-

General Manager (Com1)



Memo No. 451 / Ranchi

Dated: 12-04-2024

Copy forwarded to for information & necessary action

- (i) DVC/REC Ltd/MNRE/JREDA
- (ii) GM (IA&FM), JBVNL
- (iii) GM (IT)/ GM (Rev)/ GM (UP)/ GM (RP)/GM (DN)/ GM (STN), JBVNL
- (iv) ED (C&R), JBVNL / ED (Project)/ Director (D&P) / Director (Coml.), JBVNL/  
DGM, MD Cell, JBVNL, Ranchi

  
General Manager (Commercial)

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