

F. No. 318/85/2025 - GCRT
Government of India
Ministry of New & Renewable Energy

Atal Akshay Urja Bhawan
Lodhi Road, New Delhi
Date: 25th March 2026

Subject- Advisory to DISCOMs/ Electricity Departments regarding consideration of sanctioned load/allowed inverter AC capacity for Net Metering of Rooftop Solar (RTS) installations under PM Surya Ghar: Muft Bijli Yojana (PMSG: MBY)

The Ministry of New & Renewable Energy (MNRE) is implementing the PM Surya Ghar: Muft Bijli Yojana (PMSG: MBY) since February 2024 with DISCOMs/ Electricity Departments as State Level Implementing Agencies.

2 Vendors/ Vendor Associations have represented to MNRE that some of the DISCOMs are returning net-metering applications even for a marginal difference between total DC capacity of solar modules and the AC capacity of inverter (e.g., 3.24 kW DC panels with a 3.0 kW inverter), causing unnecessary delays in commissioning of rooftop solar projects.

3 The matter has been examined in the Ministry and considering the fact that with varying solar module capacities, it would be difficult to exactly match the total solar PV capacity (DC) of the modules to the sanctioned load or allowed inverter AC capacity as per prevailing regulations. Therefore, it is suggested to all DISCOMs/ Electricity Departments that for installation of rooftop solar system, a capacity tolerance of up to 10% may be allowed for the applied system capacity (DC), subject to condition that the AC capacity of the inverter shall not exceed the sanctioned load or or allowed inverter AC capacity as per prevailing regulations.

4 Relevant illustrations in this regard are as follows: -

Illustration 1: For a consumer willing to install 5 kW of rooftop solar system considering RTS capacity allowed to be installed as per prevailing regulations, with 540Wp of DC rated capacity of solar modules, the consumer can install 9 modules (totaling 4.86 kW DC capacity), or he can install 10 modules (totaling 5.4 kW DC capacity), staying within the allowable tolerance of 10%. However, the AC capacity of the inverter is limited to 5 kW only.

Illustration 2: For a consumer willing to install 10 kW of rooftop solar system considering RTS capacity allowed to be installed as per prevailing regulations, with 540Wp of DC rated capacity of solar modules, the consumer can install 18 modules (totaling 9.72 kW DC capacity), or he can install 19 modules (totaling 10.26 kW DC capacity), staying within the allowable tolerance of 10%. However, the AC capacity of the inverter is limited to 10 kW only."

5 This issues with approval of the competent authority.


(Anubhav Uppal)
Scientist-D

To

CMDs/MDs/Heads of all DISCOM/ Electricity Departments

Copy for information to

- i. All SERCs
- ii. Principal Secretaries (Energy/Power/ Renewable Energy) of State/UTs
- iii. Mission Director, PMSG: MBY, MNRE
- iv. ED, REC (PMSG: MBY) with a request to ensure compliance of this advisory