



ANDHRA PRADESH ELECTRICITY REGULATORY COMMISSION

Vidyut Niyantrana Bhavan, Adjacent to 220/132/33 kV AP Carbides SS,
Dinnedevarapadu Road, Kurnool - 518 002, Andhra Pradesh.

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ABSTRACT

APERC - Grid Interactive Solar Rooftop Photovoltaic Systems under Net/Gross Metering Regulation, 2023 (Regulation No. 4 of 2023) – Removal of Difficulty- Orders – Issued.

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Proceedings/Engg/E-280/AD(Tr.)/07/2026

Date: 05-08-2026

Read the following:

ORDER:

APEPDCL, vide letter dated 03.08.2026, requested the Commission to permit the installation of Grid Interactive Solar Rooftop Photovoltaic (SRTPV) Systems up to 5 kW for consumers with single-phase supply. APEPDCL submitted that while the Retail Supply Tariff permits the release of single-phase LT supply for connected loads up to 5 kW, Clause 5.7 of the APERC (Grid Interactive Solar Rooftop Photovoltaic Systems under Net/Gross Metering) Regulation, 2023 (**Regulation No.4 of 2023**) limits the permissible SRTPV capacity for such consumers to 3 kW. It was further submitted that this provision has resulted in practical implementation difficulties and consumer grievances, particularly under the PM Surya Ghar: Muft Bijli Yojana, as several consumers with sanctioned single-phase connected loads up to 5 kW have already installed or proposed to install 5 kWp rooftop solar systems but are unable to obtain solar net-metering approval due to the existing restriction.

On careful examination of the matter, the Commission is of the view that consumers who already have sanctioned single-phase service connections with connected loads up to 5 kW should be permitted to install SRTPV systems commensurate with their sanctioned load. The existing restriction has emerged as an implementation impediment, affecting consumer participation under the PM Surya Ghar: Muft Bijli Yojana and the promotion of rooftop solar in the State. Hence, the Commission considers it

appropriate to remove this practical difficulty by exercising the powers conferred under the Regulation.

Accordingly, in exercise of the powers conferred under **Clause 20 of Regulation No. 4 of 2023**, notwithstanding the limit prescribed under Clause 5.7 of the Regulation, consumers with single-phase LT service connections and a connected load up to 5 kW shall be permitted to install Grid-Interactive Solar Rooftop Photovoltaic Systems (SRTPVs) up to 5 kW.

This relaxation shall come into force from the date of issuance of this order.

(By Order of the Hon'ble Commission)


Commission Secretary i/c

To

The Chairman & Managing Director/APEPDCL/Visakhapatnam.

The Chairman & Managing Director/APSPDCL/Tirupati.

The Chairman & Managing Director/APCPDCL/Vijayawada.

Copy to

The Chairman & Managing Director/APTransco/Vijayawada.

The Managing Director, NERDCAP, Vijayawada