

**GUJARAT ELECTRICITY REGULATORY COMMISSION  
GANDHINAGAR**

**Explanatory Memorandum**

**Draft Gujarat Electricity Regulatory Commission (Net Metering Rooftop Solar PV Grid  
Interactive Systems) (Fifth Amendment) Regulations, 2025**

The Gujarat Electricity Regulatory Commission (GERC) has notified the GERC (Net Metering Rooftop Solar PV Grid Interactive Systems) Regulations, 2016, Notification No. 5 of 2016 dated 21.06.2016 (the Principal Regulations). The said Regulations has been amended vide GERC (Net Metering Rooftop Solar PV Grid Interactive Systems) (First Amendment) Regulations, 2017, Notification No. 2 of 2017 dated 06.10.2017, GERC (Net Metering Rooftop Solar PV Grid Interactive Systems) (Second Amendment) Regulations, 2020, Notification No. 2 of 2020 dated 23.01.2020, GERC (Net Metering Rooftop Solar PV Grid Interactive Systems) (Third Amendment) Regulations, 2022, Notification No. 2 of 2022 dated 31.05.2022 and GERC (Net Metering Rooftop Solar PV Grid Interactive Systems) (Fourth Amendment) Regulations, 2024, Notification No. 13 of 2024 dated 06.09.2024.

The Regulation 7 of GERC (Net Metering Rooftop Solar PV Grid Interactive Systems) Regulations, 2016 provides for timeframe for various activities to be performed by various authorities associated with the installation and commissioning of the Solar Rooftop PV project. The item number 6 and 7 of the activity chart under Regulation 7 provides for signing of inter-connection/ connectivity agreement with concerned Discom by the applicant of the Solar Rooftop PV project. The said Regulation 7 is amended vide GERC (Net Metering Rooftop Solar PV Grid Interactive Systems) (Fourth Amendment) Regulations, 2024, Notification dated 06.09.2024.

Four State Owned DISCOMs have filed Petition No. 2475 of 2025 seeking relaxation in requirement of execution of inter-connection / connectivity agreement by the applicant of Solar Rooftop PV System installed under PM Surya Ghar Muft Bijli Yojana giving reference to MNRE Letter dated 31.12.2024 which inter alia sought for simplification in Net Metering process by eliminating requirement for Net Metering agreement. It is stated that as there is no commitment required from the consumers and Discoms have to abide by the Regulations issued by the State Commission, the requirement of executing of Connectivity Agreement maybe relaxed so as to ensure rapid implementation of PM Surya Ghar Muft Bijli Yojana scheme and to achieve target set therein.

Accordingly, it is proposed to incorporate third proviso after Activity Chart under Regulation 7 of the Principal Regulations read with its Fourth Amendment, as under:

“7. ....

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*Provided that there shall not be requirement for execution of separate written connectivity agreement between the Distribution Licensee and the Consumer in case of Solar Rooftop PV Systems installed under PM Surya Ghar Muft Bijli Yojana and the Consumer shall be deemed to be bound by terms and conditions of these Regulations in respect of Solar Rooftop PV Systems. In such case, the date of commencement of Agreement shall be the date of commissioning of Solar Rooftop PV Systems and in lieu of execution of formal connectivity agreement, the concerned Discom shall communicate to the Applicant, under proper receipt, mentioning the date of commencement of agreement along with the applicable rate of purchase of surplus energy.”*

Further, Regulation 8 (2) of the Principal Regulations states as under:

*(2) The connectivity levels at which the Rooftop PV Solar System shall be connected with the grid are as specified below:*

<b>Sr. No.</b>	<b>Connected load of Eligible Consumer</b>	<b>Connectivity level</b>
1.	<i>Upto 6 mW</i>	<i>240 V- single phase</i>
2.	<i>Above 6 kW and upto 18.65 kW</i>	<i>415 V-Three phase</i>
3.	<i>Above 18.65 kW and upto 100 kW/kVA</i>	<i>415 V-Three phase</i>
4.	<i>Above 100 kW/kVA</i>	<i>HT level</i>

In the aforesaid Regulations, the threshold limit of 100 kVA/kW for connectivity of Solar Rooftop PV Project at LT Level is provided in accordance with Regulation 3.2 of prevailing GERC (Electricity Supply Code and Related Matters) Regulations, 2015. The Commission vide Notification dated 23.09.2024 notified GERC (Electricity Supply Code and Related Matters) (Fourth Amendment) Regulations, 2024 amended the Clause 3.2 of the GERC (Electricity Supply Code and Related Matters) Regulations, 2015, providing to obtain connectivity at LT Level up to 100 kVA/kW of Contracted Demand / up to 150 kVA/kW of Contracted Demand if opted by the applicant / consumer. Thus, it is required to amend the connectivity voltage level for Solar Rooftop PV Systems under the GERC (Net Metering Rooftop Solar PV Grid Interactive Systems) Regulations to align with the connectivity voltage level provided under the GERC Supply Code (Fourth Amendment) Regulations 2024.

Accordingly, it is proposed to substitute Regulation 8 (2) of the Principal Regulations as under:

*“(2) The connectivity levels at which the Rooftop PV Solar System shall be connected with the grid shall be as per GERC (Electricity Supply Code and Related Matters) Regulations, 2015 and amendments thereof.”*

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