

Punjab State Electricity Regulatory Commission

(Grid Interactive Rooftop Solar Photo Voltaic Systems based on Net Metering)
Regulations, 2015, dated: 07.05.2020 with amendment dated: 06.03.2020

Sl. No.	Description	Summary
1.	Scope and Application	Any consumer in the area of supply of distribution licensee may install rooftop solar system under net metering arrangement which : <ul style="list-style-type: none"> shall be of minimum 1 kWp & upto 1 MWp (AC side) capacity with or without battery back up support shall be located in the consumer premises shall interconnect and operate safely in parallel with the distribution licensee network.
2.	Capacity Target for Distribution Licensee	The cumulative capacity of rooftop solar system to be allowed, shall not exceed 30% of the rated capacity of the distribution transformer.
3.	Eligibility	<ol style="list-style-type: none"> All eligible consumers of electricity in the area of supply of distribution licensee can participate in the solar rooftop net metering arrangement subject to target capacity. The maximum capacity of rooftop solar system shall not exceed 80% of the sanctioned load (kW) or contract demand of the consumer (in kVA converted to kW by using a power factor of 0.9). The installed capacity shall not be less than 1 kWp and shall not exceed 1MWp (AC side) for a single eligible consumer: Variation in the rated capacity of the system within a range of 5% shall be allowed.
4.	Metering	The net metering equipment (Bi-directional meters) and the Solar meter (unidirectional) as per CEA Regulations shall be installed and maintained by the distribution licensee at the cost of the eligible consumer.
5.	Energy Accounting and Settlement	<ol style="list-style-type: none"> In case the electricity supplied by the distribution licensee during any billing period exceeds the electricity injected by the eligible consumer, the distribution licensee shall raise a bill for net electricity consumption as per applicable tariff of that category after taking into account any electricity credit balance from previous billing period. In case the eligible consumer is under the ambit of TOD tariff, the electricity consumption in any time block i.e. peak hours, off peak hours etc. shall be first compensated with the electricity injected in the same time block. Any excess injection over and above the consumption in any other time block in a billing cycle shall be accounted as if the excess injection occurred during non peak hours. A normative power factor of 0.9 shall be considered for conversion of kWh to kVAh, wherever applicable. Fixed Charges shall be payable by the consumer on the basis of his sanctioned load/contract demand as per the tariff order approved by the Commission for the relevant year.
6.	Other charges	The rooftop solar system under net metering arrangement whether self-owned or third party owned, installed on the premises of eligible consumer, shall be exempted from various provisions of PSERC(Terms & Conditions for Intra-State Open Access) Regulations, 2011, as amended from time to time
7.	Penalty or Compensation	In case of failure of net metering system, the provisions of Supply Code shall apply.
8.	Termination of agreement	The eligible consumer may terminate the agreement at any time by giving 30 days prior written notice to the licensee.