

# Policy on net metering for Grid Interactive Roof-Top Solar Photo Voltaic Power Plants, 2014, Punjab, Dated: 05.11.2014 with amendment Dated: 22.07.2015

Sl. No.	Description	Summary
1.	<b>Applicability</b>	<ol style="list-style-type: none"> <li>1. This Policy shall apply to the distribution licensee and consumers of distribution licensee of the State of Punjab.</li> <li>2. The eligible consumer may install the rooftop solar system under net metering arrangement which;               <ol style="list-style-type: none"> <li>a) shall be within the permissible rated capacity as defined under this Policy.</li> <li>b) shall be located in the consumer premises.</li> <li>c) shall interconnect and operate safely in parallel with the distribution licensee network.</li> </ol> </li> <li>3. Notwithstanding the provisions of this Policy, relevant State authorities shall have the right to undertake rooftop solar projects above 1 Mega Watt Peak (MWp) capacity through alternative mechanisms.</li> </ol>
2.	<b>Eligibility</b>	All the consumers of the State Distribution licensee or PSPCL who intend to encourage solar energy and set up solar PV plants at available places on roof-tops of Individual households, industries, Government or Semi-Government or Local Body offices, commercial establishments, institutions, residential complexes shall be eligible with project capacity ranging from minimum 1 KWp upto 10 MWp (AC side) with or without battery back-up support.
3.	<b>Third party owned Rooftop PV net metering model</b>	In the third party owned rooftop PV net metering model, the developers or intermediaries lease out solar PV systems to interested rooftop owners who, in turn, pay them a monthly lease rental.
4.	<b>Net-metering</b>	The distribution licensee shall allow non-discriminatory net-metering arrangement on first-cum-first serve basis for both self-owned and third party owned rooftop PV systems as long as the total capacity (in MW) does not exceed the target capacity determined.
5.	<b>Capacity Targets for distribution licensee</b>	<ol style="list-style-type: none"> <li>1. Maximum cumulative capacity to be installed under this Policy shall be decided by GOP on yearly basis.</li> <li>2. The shortfall in any year shall be carried forward to the next succeeding year provided that the cumulative capacity to be allowed at a particular distribution transformer shall not exceed 30% of the rated capacity of the distribution transformer; on first-cum-first serve.</li> </ol>
6.	<b>Installed Capacity</b>	The maximum capacity of the Roof Top Solar PV system, as mentioned on AC side at the output of inverter based on rated inverter capacity, shall not be more than 80% of the Sanctioned Connected Load or Contract Demand (in KVA converted to KW at normative Power Factor of 0.90) of the consumer and the minimum capacity shall not be less than 1 KW.
7.	<b>Connectivity</b>	It will utilize the same service line for excess power injection into the Grid which is currently being used by the consumer for drawl of power from utility network and shall operate in synchronization with PSPCL system provided

		that such injection of power from the rooftop solar PV system shall not be more than 90% of the total consumption from the licensee's supply by the consumer in a Settlement Period.
8.	<b>Solar Renewable Purchase Obligation</b>	The quantum of electricity consumed by eligible consumer, who is not defined as obligated entity, from the rooftop solar system under net metering arrangement shall qualify towards compliance of Renewable Purchase Obligation (RPO) for the distribution licensee.
9.	<b>Applicability of other charges</b>	The rooftop solar system under net metering arrangement, whether self-owned or third party owned installed on eligible consumer premises, shall be exempted from banking and wheeling charges and losses, cross subsidy and additional surcharge etc.
10.	<b>Application Fee</b>	The applicant shall pay application fee of Rs. 50/KVA along with the application to PSPCL. No parallel operation charges shall be leviable on these projects as per NRSE Policy 2012.
11.	<b>Operation and Maintenance</b>	The responsibility of operation and maintenance of the solar photo voltaic (SPV) generator including all accessories and apparatus lies with the consumer.
12.	<b>Applicability of Renewable Energy Certificates and RPO</b>	Net-metering injection is not eligible for REC. The quantum of electricity consumed by an eligible consumer, who is not defined as an obligated entity from the rooftop solar system under net-metering arrangement shall qualify as deemed Renewable Purchase Obligation (RPO) for the distribution licensee.
13.	<b>Penalty or Compensation</b>	In case of failure of net metering system, the provisions of penalty or compensation shall be as per the provisions of the standard of performance regulations for distribution licensee.
14.	<b>Subsidy</b>	<ol style="list-style-type: none"> <li>1. The consumers interested in setting up of solar rooftop PV project can approach PEDDA for grant of applicable MNRE, Government of India grant as per the prevailing instructions/Policy.</li> <li>2. The solar power plant will be eligible for the fiscal and other incentives as per NRSE Policy 2012.</li> </ol>
15.	<b>Nodal Agency</b>	Punjab Energy Development Agency (PEDDA)
16.	<b>Target</b>	Rooftop and IPP projects to achieve installed capacity of 1000 MW by the year 2022.