

HIMACHAL PRADESH ELECTRICITY REGULATORY COMMISSION

(Rooftop Solar PV Grid Interactive Systems Based on Net-Metering) Regulations-2015. Notification Dated 31st July, 2015

Sl. No	Description	Summary												
1	Short Title, Extent and Commencement	<ul style="list-style-type: none"> Himachal Pradesh Electricity Regulatory Commission (Rooftop Solar PV Grid Interactive Systems based on Net Metering) Regulations, 2015. Dated 31st, July 2015 Regulations to come into force from the date of their publication in Rajpatra, Himachal Pradesh 												
2	Definitions and Interpretations	As per Regulations												
3.	Scope and Application	<p>Applicable to:</p> <ul style="list-style-type: none"> Distribution Licensee and consumers of electricity of Distribution Licensee These regulations do not preclude the right of State authorities to undertake Rooftop Solar projects of any capacities through alternative mechanisms. 												
4	General Principles	<ul style="list-style-type: none"> Subject to the limits and other terms and conditions in these regulations, eligible consumers of the Distribution Licensee can install Rooftop Solar PV system and use the power generated at their premises. Surplus power can be injected into the grid system 												
5	Capacity of Rooftop Solar PV Systems (SPV)	<ul style="list-style-type: none"> All eligible consumers of electricity in the area of supply of the Distribution Licensee can participate in the Rooftop Solar net metering arrangement Maximum peak capacity of SPV to be installed by any individual consumer covered under two parts tariff shall not exceed 80 % of the sanctioned contract demand and in case of an individual consumer, covered under single part tariff to be 30% of the sanctioned connected load: Provided: <ul style="list-style-type: none"> Capacity of Rooftop Solar PV system by an eligible consumer shall not exceed the following limits:- <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Sl. No.</th> <th>Voltage at which consumer getting supply</th> <th>Maximum Capacity of Rooftop Solar PV system</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>LT (1ϕ)</td> <td>5 kWp</td> </tr> <tr> <td>2</td> <td>LT (3ϕ)</td> <td>15kWp</td> </tr> <tr> <td>3</td> <td>HT/EHT</td> <td>1 MWp</td> </tr> </tbody> </table> <ul style="list-style-type: none"> Cumulative capacity in the area, fed from a distribution transformer/any other transformer from which power is fed to the eligible consumer, shall not exceed 30% / any other % as may be fixed by the Commission, of the rated capacity of such transformer(s): In case of multiple applications from the consumers covered by a transformer for participation in the scheme, the connectivity with the grid interactive Rooftop Solar PV system to be allowed on first come first serve basis. 	Sl. No.	Voltage at which consumer getting supply	Maximum Capacity of Rooftop Solar PV system	1	LT (1 ϕ)	5 kWp	2	LT (3 ϕ)	15kWp	3	HT/EHT	1 MWp
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6.	Capacity of Transformer	Distribution Licensee to provide information on its website, capacity available in different transformer(s) for feeding the eligible consumer at different locations for connecting Rooftop SPV System under net metering arrangement within 3 months from the date of commencement of these regulations, and update the same within one month of the subsequent financial year under intimation to the Commission												

7.	Procedure for making Application and Registration	<ul style="list-style-type: none"> • Eligible consumer may make the application, as per Form-1, to the local office of the Distribution Licensee to connect the SPV to the distribution system of the licensee. • Distribution Licensee to make available format of the Form-1 on its website and also at its local offices and acknowledge the application • Distribution Licensee shall, except for the cases covered under regulation, issue letter of approval to the applicant within 30 days of receipt of application. • Consumer to execute the agreement with the licensee as per Form-2(Available in Regulations) within 30 days from the date of issuance of letter of approval. • Consumer to set up SPV and submit the work completion report alongwith Single Line Diagram of the synchronizing and protection arrangement within 240 days: • Approval to automatically lapse if he does not execute the agreement with the licensee within the period of 30 days/ system is not commissioned within the permitted period. • Distribution Licensee on the receipt of completion report and test result etc. to install, at the cost of eligible consumer, and jointly seal the Bidirectional energy meter within 10 days and plant will be treated as commissioned for net –metering commercial operations from the date of installation and first reading of such meter. • Consumer availing financial assistance may get his grid interactive Rooftop Solar PV project registered with Himachal Pradesh Energy Development Agency (HIMURJA), being a State Nodal Agency • Commission may, if it finds it expedient to do so, revise, by order, the procedure contained in these regulations. • For more Details refer Regulations
8.	Interconnectivity, Standards and Safety	<ul style="list-style-type: none"> • As per the provision of CEA 'Technical Standards for Connectivity of Distributed Generated Resources Regulations, 2013'and CEA (Measures relating to Safety and Electric Supply), Regulations, 2010 • Producer may install grid interactive SPV with or without battery backup. • Producer to be responsible for safe operation, maintenance and rectification of any defect of the Solar Energy System up to the point of Net Meter • Distribution Licensee shall have the right to disconnect the Solar Energy System at any time in the event of possible threat/damage to its distribution system • Distribution Licensee may call upon the eligible consumer to rectify the defect(s) within a reasonable time.
9.	Metering Arrangement	<ul style="list-style-type: none"> • Eligible consumer shall, for recording the electricity generation, install and maintain the Solar Meter at his cost • Net meter to be installed and maintained, at the cost of eligible consumer, by the Distribution Licensee and the meter to be compliant to the system of recording meter reading through Meter Reading Instrument (MRI) or through wireless: • Meters to be jointly inspected and sealed on behalf of both the parties. • Meter reading taken by the Distribution Licensee to form the basis of commercial settlement. • All the meters to adhere to the standards as specified in CEA (Installation and Operation of Meters) Regulations - 2006 as amended from time to time. • All the meters installed for net metering to be of the same or of better Accuracy Class Index than the existing meter installed for measuring the supply of the power to the consumer. • Net meter to be compliant to the requirements as per the applicable tariff including those relating to Time of Day (ToD) tariff and in case of consumer availing open access, to also have the requisite features of special energy meters.
10.	Energy Accounting And Settlement	As detailed in the Regulations
11.	Wheeling, Banking and Cross subsidy Surcharge	Exempted for Five (5) years, unless extended thereafter

12.	Renewable Power Purchase Obligation (RPPO)	<ul style="list-style-type: none"> Quantum of electricity generated by the eligible consumer to qualify towards compliance of RPPO of the Distribution Licensee: Provided if the eligible consumer is himself an obligated entity, only the quantum of electricity generated by him over and above his RPPO during a quarter, shall qualify towards compliance of RPPO of the Distribution Licensee for that quarter.
13.	Participation under Renewable Energy Certificate (REC) Mechanism	Selling of power and Issuance of REC to be as per CERC (Terms and Conditions for Recognition and Issuance of Renewable Energy Certificate for Renewable Energy Generation) Regulations- 2010.
14.	Penalty or Compensation	In case of failure of net metering system, provisions of penalty or compensation to be as per the provisions of HPERC (Distribution Performance Standards) Regulations, 2010.
15.	Applicability of Other Provisions	Provisions of HP Electricity Supply Code, HP Electricity Distribution Code, HP Grid Code and Tariff orders issued by the Commission from time to time, shall be applicable, in respect of the matters, not specifically dealt in these regulations.
16.	Powers to Remove Difficulties	Powers vested with the Commission
17.	Power to give Directions	Powers vested with the Commission
18.	Power to Relax	Powers vested with the Commission
19.	Power to Amend	Powers vested with the Commission