

HARYANA ELECTRICITY REGULATORY COMMISSION

(Rooftop Solar Grid Interactive System based on Net Metering)

Regulations 2014, Dated 25th November 2014

Sl. No	Description	Summary
1.	Short Title, Commencement and Scope	Haryana Electricity Regulatory Commission (Rooftop Solar Grid Interactive System based on Net Metering) Regulations, 2014'.
2.	Definitions and Interpretations	As per Regulations
3.	Applicability	<ul style="list-style-type: none"> • The eligible consumer may install the Rooftop Solar system under net metering arrangement which shall be, <ul style="list-style-type: none"> (a) Within the permissible rated capacity as defined under these Regulations. (b) Located in the consumer premises. (c) Which shall interconnect and operate safely in parallel with the licensee's network. • The net metering facility shall also be applicable to such consumers who have already installed rooftop solar system subject to compliance of these Regulations. • For open access consumers, the facility of net metering shall not be available and they will have to take recourse to, as per Regulation 3.4.
4.	Application	As per Regulations
5.	General Principles	As per Regulations
6.	Capacity Targets for Distribution Licensee	<ul style="list-style-type: none"> • The distribution licensee shall provide net metering arrangement to eligible consumers as long as the total capacity (in MW) of Rooftop Solar systems does not exceed the target capacity determined by the Commission; • Provided a maximum cumulative capacity of 200 MW shall be initially allowed to eligible consumers under net metering, in the area of supply of each licensee, to be reviewed yearly by the Commission; • Provided that the cumulative capacity of Rooftop Solar Systems to be allowed at a particular distribution transformer/power transformer shall not exceed 15% of the peak capacity of the distribution transformer in case of interconnection with the grid at low tension and 15% of the peak capacity of the power transformer in case of interconnection with the grid at high tension or the revised cumulative capacity as the Commission may decide from time to time.
7	Eligible Consumer and Individual Project Capacity	<ul style="list-style-type: none"> • All consumers of electricity in the area of supply of the licensee can participate in the Solar Rooftop net metering arrangement subject to target capacity and on first-come-first-served basis. • The maximum Rooftop Solar system capacity to be installed at any eligible consumer premises shall not exceed his connected load in case of Low Tension connection and contract demand in case of High Tension connection. • Provided that the maximum installed capacity shall not exceed 1MWp for a single eligible consumer. • Provided further that a variation in the rated capacity of the system within a range of five percent shall be allowed.
8	Inter-connection With the Grid	<ul style="list-style-type: none"> • The voltage level for interconnection with the grid shall be as specified under Regulation 3.2 of the Electricity Supply Code or the voltage level at which the eligible consumer has been given supply by the licensee. • The interconnection of the Rooftop Solar system with the network of the distribution licensee shall be made as per the technical standards for connectivity of distributed generation resources specified under the Central Electricity Authority (Technical Standards for Connectivity of the Distributed Generation Resources) Regulations, 2013 and subsequent amendments thereof. • Provided that the Rooftop Solar system meets with the technical requirements for grid interconnection with the network of the licensee;

9	Energy Accounting and Settlement	<p>(i) Energy Accounting</p> <ul style="list-style-type: none"> • Electricity generated from a Rooftop Solar system shall be cumulatively capped at 90% of the electricity consumption by the consumer at the end of settlement period which shall be the relevant financial year. • In case Solar power system is connected to the grid during part of the year, the 90% capping shall be on the electricity consumption from the date of connection (to the grid) to the end of the financial year. • The carry forward of excess energy generation shall be allowed from one billing cycle to the next billing cycle up to the end of the same financial year. • Any excess generation (above 90%) at the end of the financial year shall not be offset against the consumer's consumption. There shall be no carry forward to the next financial year. <p>(ii) Billing and Payment The consumer shall receive a net import/export bill indicating either net export to the grid or net import from the grid.</p>
10	Solar Renewable Purchase Obligation	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) of the licensee.
11	Metering Arrangement	<ul style="list-style-type: none"> • Meters shall be provided as specified in the Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006 and subsequent amendments thereof, for the purpose of metering under these Regulations. • The cost of new/additional meter(s), including the cost of replacement, shall be borne by the eligible consumer. • Meter(s) shall be installed and maintained by the licensee. • No meter rentals shall be charged from the consumer.
12	Connection Agreement	The eligible consumer shall enter into a net metering connection agreement with the licensee of the area, on the format prescribed in these Regulations.
13	Power to Give Directions	Vested with the Commission
14	Removal of Difficulties	Vested with the Commission
15	Power to Relax	Vested with the Commission
16	Power to Amend	Vested with the Commission
17	Subsidy	Subsidy, if any, for Rooftop Solar Grid Interactive System based on Net Metering shall be in accordance with the prevailing policy of the Central/State Government or any other agencies such as IREDA/HAREDA/BEE etc.