

BIHAR ELECTRICITY REGULATORY COMMISSION

(Rooftop Solar Grid Interactive Systems Based on Net-Metering) Regulations- 2015. Notification Dated 6th July, 2015

Sl. No	Description	Summary
1	Short Title, Extent and Commencement	<p>Bihar Electricity Regulatory Commission (Rooftop Solar Grid Interactive Systems Based on Net-Metering) Regulations, 2015. Dated 6th, July 2015</p> <ul style="list-style-type: none"> • Regulations to extend to the whole of the State of Bihar • Regulations to come into force from the date of their publication in the Official Gazette of Government of Bihar
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 of the State of Bihar. <ul style="list-style-type: none"> - To be within the permissible rated capacity as defined under these Regulations. - To be located in the consumer premises. - Shall interconnect and operate safely in parallel with the Distribution Licensee network • Capacity of the solar energy system to be installed at the premises of any eligible consumer to be not less than one kWp and not exceed one MWp. These regulations do not preclude the right of State Government to undertake Rooftop Solar Projects above 1 MWp capacity through alternative mechanisms.
4	General Principles	<p>Distribution licensee to offer net metering arrangement to the consumer, who intends to install grid connected solar system, in its area of supply on non-discriminatory and first come first serve basis.</p> <p>Provided:</p> <ul style="list-style-type: none"> • Distribution Licensee shall offer the provision of net metering to the consumer for the target capacity as specified under these Regulations; • Consumer is eligible to install the grid connected Rooftop Solar system of the rated capacity • Interconnection of system with the grid is undertaken as per technical standards specified by the Central Electricity Authority.
5	Capacity Targets for Distribution Licensee	<ul style="list-style-type: none"> • Distribution Licensee to provide net metering arrangement to eligible consumers as long as the total capacity (in MW) does not exceed the target capacity determined by the Commission • Provided maximum cumulative capacity of 10MW allowed on yearly basis, in the area of supply of the distribution licensee and the cumulative capacity at a particular distribution transformer shall not exceed 15% of the capacity of the distribution transformer; • Distribution licensee to update distribution transformer capacity available for connecting Rooftop Solar systems under net metering arrangement on yearly basis and provide the information on its website as well as to the Commission.
6.	Eligible Consumer and Individual Project Capacity	<ul style="list-style-type: none"> • All eligible consumers in the area of supply of the Distribution Licensee can participate in the grid interactive net metering arrangement • Maximum Rooftop Solar system capacity at any eligible consumer premises to be governed by the eligibility of interconnection with the grid for that eligible consumer. • Maximum capacity of an individual Rooftop PV system would be equal to the sanctioned load of the consumer. • The installation of Net metered Rooftop Solar systems on consumer premises to utilize the same service line and installation for injection of excess power into the grid, which is currently being used by the consumer for drawl of power from the Distribution Licensee. Provided that the maximum installed capacity shall not exceed 1 MW.

7.	Interconnection with the Grid:	<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 • Net meter and solar meter to conform to the standards, specifications and accuracy class as provided in the CEA (Installation and Operation of Meters) Regulations-2006, as amended from time to time and are installed in such a way that they are accessible for reading. • 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 beyond which the responsibility of safe operation & maintenance shall rest with the Distribution Licensee. 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
8.	Energy Accounting and Settlement	As detailed in the Regulations
9.	Solar Renewable Purchase Obligation (RPO)	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 Solar RPO for the Distribution Licensee.
10.	Banking, Wheeling and Cross Subsidy Surcharges	<ul style="list-style-type: none"> • Grid solar system under net metering arrangement, whether self-owned or third party owned installed on eligible consumer premises shall be exempted from Banking, Wheeling and cross subsidy surcharges • Eligible consumer availing net metering facility cannot avail Banking facility. • Provided that Banking shall be as per the BERC (Terms and conditions for determination of Tariff for Solar energy sources) (3rd Amendment) Regulations, 2014.
11.	Participate under Renewable Energy Certificate (REC) Mechanism	Issuance of REC to be as per the eligibility criteria as per CERC (Terms and Conditions for recognition and issuance of Renewable Energy Certificate for Renewable Energy Generation) Regulations- 2010 and subsequent amendments thereof.
12.	Metering Arrangement	<ul style="list-style-type: none"> • Metering system shall be as per the provisions of CEA (Installation & operation of meters) Regulations- 2006, CEA (Measures relating to Safety and electricity supply) Regulations-2010 and CEA (technical standards for Connectivity of the distributed generation resources), Regulations- 2013 as amended from time to time and in compliance with the norms fixed by BERC/CERC from time to time • Net meter to be installed at the interconnection points of the eligible consumers with the network of the distribution licensee. • Solar meter to be installed at the delivery point of the solar energy system • Licensee to provide meters as per provision in Bihar Electricity Supply Code, 2007 • Check meters shall be mandatory for Rooftop Solar systems having capacity more than 20 kW. For installations size of less than and equal to 20 kW, the Solar Check meters would be optional. • Meter shall be tested, installed and sealed in accordance with the provisions of CEA (Installation and operation of Meters) Regulations-2006 as amended from time to time and provisions under Bihar Electricity Supply Code, 2007. • It shall be jointly inspected and sealed by the licensee on behalf of both the parties. • It shall be tested by the licensee and installed in presence of consumer and the licensee with due acknowledgement. • Eligible consumer to follow the metering specifications, provisions for placement of meter as developed by the distribution licensee from time to time and as per the Bihar Electricity Supply Code, 2007 • In case the eligible consumer is under the ambit of time of day tariff, meters compliant of recording time of day consumption/generation shall be employed. • Meter reading taken by the distribution licensee shall form the basis of commercial settlement
13.	Penalty or Compensation	In case of failure of net metering system, provisions of penalty or compensation to be as per the provisions of the standard of performance regulations for distribution licensee.
14.	Power to give Directions	Powers vested with the Commission
15.	Power to Relax & Amend	Powers vested with the Commission