

## ASSAM ELECTRICITY REGULATORY COMMISSION

### Assam Electricity Regulatory Commission (Grid Interactive Solar PV Systems) Regulations, 2014” – Notification Dated 31<sup>st</sup> July, 2014

Sl. No.	Description	Summary
1	<b>Title</b>	Assam Electricity Regulatory Commission (Grid Interactive Solar PV Systems) Regulations, 2014” Dated 31 <sup>st</sup> July, 2014
2	<b>Date of enforcement</b>	Regulations to come into force from the date of their publication in the Assam Gazette.
3	<b>Applicable</b>	<ul style="list-style-type: none"> <li>• Regulations shall extend to the whole of the State of Assam.</li> <li>• Applicable to:               <ul style="list-style-type: none"> <li>- Distribution licensee and consumers of electricity of distribution licensee of the State of Assam.</li> <li>- Solar Grid Interactive system installed in the premises owned by consumer or a 3<sup>rd</sup> party.</li> <li>- Eligible consumer to install the solar system under net metering arrangement located in the consumer premises, interconnect and operate safely in parallel with the distribution licensee network and shall be within the permissible rated capacity as defined under these Regulations.</li> </ul> </li> </ul>
4	<b>General Principles</b>	As detailed in the Regulations
5	<b>Capacity Targets For Distribution Licensee</b>	As detailed in the Regulations
6	<b>Eligibility of Consumer and Individual Project Capacity</b>	<ul style="list-style-type: none"> <li>• All eligible consumers of electricity in the area of supply of the distribution licensee can participate in the grid interactive net metering arrangement</li> <li>• Maximum Grid interactive system capacity to be installed at any eligible consumer premises shall be governed by the eligibility of interconnection with the grid and limited between aggregate solar panel capacity of 1 KWp to 500 KWp.</li> <li>• No restriction on state power utilities installing bigger plants, subject to compatibility with the system and necessary safety measures taken.</li> <li>• Installed capacity to be aligned with the AERC Electricity Supply Code and Related matters Regulation , 2004</li> <li>• Provisions for permitting consumer connections and voltage of connection shall be as per AERC (Co-generation and Generation of Electricity from Renewable Sources of Energy) Regulations, 2014</li> </ul>
7	<b>Interconnection with the Grid:</b>	<ul style="list-style-type: none"> <li>• As per the provision of CEA ‘Technical Standards for Connectivity of Distributed Generated Resources Regulations, 2014’</li> <li>• System to qualify the technical requirements for grid interconnection with the network of the distribution licensee and general terms and conditions and technical requirement specified in Annexure III (Refer Regulations)</li> </ul>
8	<b>Energy Accounting and Settlement</b>	As detailed in the Regulations
9	<b>Solar Renewable Purchase Obligation (RPO)</b>	Electricity generated by an eligible consumer and consumed by him, shall qualify for accounting towards RPO if he is an obligated entity under AERC (Renewable Purchase Obligation and its Compliance) Regulation, 2010.
10	<b>Wheeling and Cross Subsidy surcharges</b>	Grid solar system under net metering arrangement, whether self-owned or third party owned installed on eligible consumer premises, shall be exempted
11	<b>Participate under Renewable Energy Certificate (REC) Mechanism</b>	Not Eligible

12	<b>Metering Arrangement</b>	<ul style="list-style-type: none"> <li>• Net meter to be installed at the interconnection points of the eligible consumers with the network of the distribution licensee.</li> <li>• Solar meter to be installed at the delivery point of the solar energy system</li> <li>• Above meters to be compatible with meter reading instrument (MRI)/ wireless equipment for recording meter readings:</li> <li>• Check meter to be installed for capacity more than 20KWp</li> <li>• Meters to be installed only in the presence of the representatives of the consumer and the distribution licensee and to be jointly inspected, sealed and tested on behalf of both the parties.</li> <li>• Meter reading taken by the distribution licensee shall form the basis of commercial settlement</li> <li>• Metering and other connecting arrangement of a grid interactive systems without and with battery backup shall be as provided in Annexure I &amp; Annexure II of Regulations respectively.</li> </ul>
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>Agreement</b>	To be signed between the eligible consumers and DISCOM regarding setting up of the system and net metering
15	<b>Overriding Effect</b>	<p>These regulations to have overriding effect Notwithstanding anything contained contrary</p> <ul style="list-style-type: none"> <li>(a) In the AERC (Co-generation and Generation of Electricity from Renewable Sources of Energy) Regulations, 2014 and</li> <li>(b) In the (Terms and Conditions for Determination of Tariff from Renewable Energy Sources) Regulations, 2012; and</li> <li>(c) In the AERC (Renewable Purchase Obligation and its Compliance) Regulations, 2010 and</li> <li>(d) In the AERC (Electricity Supply Code and Related Matters) Regulations, 2004'</li> </ul>
14	<b>Power to Remove Difficulties</b>	Powers vested with the Commission
15	<b>Issue of Orders And Directions</b>	Powers vested with the Commission