

# ASSAM ELECTRICITY REGULATORY COMMISSION

(Grid Interactive Solar PV Systems) Regulations, 2015, Dated: 02.05.2015  
with amendment Dated: 31.07.2017

| Sl. No. | Description                                | Summary  |
|---------|--|--|
| 1.      | <b>Eligibility</b>                         | <ol 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>The Solar panel capacity of Grid Interactive Solar System to be Installed at any eligible consumer premises shall be between of 1 kWp to 1000 kWp restricted to: <ol style="list-style-type: none"> <li>The cumulative solar panel capacity of all such LT category consumers connected to a distribution transformer will be limited to 20 % of the peak capacity of the Distribution Transformer.</li> <li>The cumulative solar panel capacity of all such HT category consumers connected to a 33/11 K.V Sub-station will be limited to 20 % of the peak capacity of the Sub- station.</li> </ol> </li> </ol>  |
| 2.      | <b>Interconnection with the Grid</b>       | <ol style="list-style-type: none"> <li>The interconnection of the solar energy system with the distribution system of the licensee conforms to the specifications and standards as provided in the Central Electricity Authority (Technical Standards for connectivity of the Distributed Generation Resources) Regulations, 2013, as amended from time to time.</li> <li>The interconnection of the solar energy system with the distribution system of the licensee conforms to the relevant provisions of the Central Electricity Authority (Measures relating to Safety and Electric Supply), Regulations, 2010, as amended from time to time.</li> </ol>  |
| 3.      | <b>Energy Accounting and Settlement</b>    | <ol style="list-style-type: none"> <li>In the event the electricity injected exceeds the electricity consumed during the billing period, such excess injected electricity shall be carried forward to next billing period as electricity credit and may be utilized to net electricity injected or consumed in future billing periods.</li> <li>The excess electricity measured in kilo-watt hour may only be utilized to offset the consumption measured in kilo-watt hour and may not be utilized to compensate any other fee and charges imposed by the distribution licensee as per the instructions of the Commission.</li> <li>At the end of the 'settlement period', in case there is excess electricity injection by the eligible consumer to the licensee, the licensee shall pay for the same at the average pooled purchase cost of electricity as approved by the Commission for that year.</li> </ol> |
| 4.      | <b>Solar Renewable Purchase Obligation</b> | The quantum of electricity generated from the solar energy system of an eligible consumer and consumed by him, shall qualify for accounting towards the Renewable Purchase Obligation (RPO) of such eligible consumer if he is an obligated entity under Assam Electricity Regulatory Commission (Renewable Purchase Obligation and its Compliance) Regulation, 2010.  |
| 5.      | <b>Wheeling and Open Access</b>            | The grid solar system under net metering arrangement, whether self-owned or third party owned installed on eligible consumer premises, shall be exempted from wheeling and cross subsidy surcharges when open access is allowed to the concerned entity.   |

|           |                             |   |
|-----------|-----------------------------|---|
| <b>6.</b> | <b>Metering Arrangement</b> | <ol style="list-style-type: none"><li>1. The net meters shall be of accuracy class 1.0 or better or as per the specifications notified by the competent authority. The solar meters shall be of 0.2s class accuracy.</li><li>2. Check meter shall be installed for the solar energy system having capacity more than 20KWp and for the solar energy system of capacity less than or equal to 20 KWp, the check meter would be optional.</li></ol> |
|-----------|-----------------------------|---|