

NAGALAND ELECTRICITY REGULATORY COMMISSION

(Rooftop Solar Grid Interactive systems based on Net Metering) Regulations, 2016, Dated: 09/2016

Sl. No.	Description	Summary
1.	Scope and Application	<ol style="list-style-type: none"> 1. The eligible consumer may install the rooftop solar system under net metering arrangement which, <ol style="list-style-type: none"> (a) shall be within the permissible rated capacity as defined under these Regulations. (b) shall be located in the consumer premises. (c) shall interconnect and operate safely in parallel with the distribution licensee network. 2. These regulations do not preclude the right of relevant state authorities to undertake rooftop solar projects above 1 MWp capacity through alternative mechanisms.
2.	Capacity Targets for distribution licensee	Cumulative capacity to be allowed at a particular distribution transformer shall not exceed 15% of the peak capacity of the distribution transformer.
3.	Eligibility	<ol style="list-style-type: none"> 1. The maximum capacity of rooftop solar system shall not exceed 80% of the sanctioned load (kW) or contract demand of the consumer (in kVA converted to kW by using a power factor of 0.9). 2. The maximum installed capacity shall not exceed 1 MW.
4.	Interconnection with the Grid	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 generated resources regulations to be notified by the competent.
5.	Energy Accounting and Settlement	<ol style="list-style-type: none"> 1. For each billing period, the licensee shall show the quantum of injected electricity by consumer in the billing period, supplied electricity by distribution licensee in the billing period, net billed electricity for payment by the consumer for that billing period and net carried over electricity to the next billing period separately. 2. 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 Nagaland Electricity Regulatory Commission. 3. The electricity generated by the rooftop solar system of consumer shall not be more than 90% of the electricity consumption by the consumer at the end of the settlement period.
6.	Other Charges	The rooftop 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.
7.	Metering Arrangement	<ol style="list-style-type: none"> 1. The net meters shall be of accuracy class 1.0 or better or as per the specifications notified by the competent authority. 2. The main Solar Meters shall be of 0.2s class accuracy and with facility for recording meter readings. Check meters shall be mandatory for rooftop solar systems having capacity more than 20 kW. 3. For installations size of less than and equal to 20 kW, the solar Check meters would be optional.