

TRIPURA ELECTRICITY REGULATORY COMMISSION

(Net Metering for Grid Interactive Rooftop Solar Systems) Regulations, 2016,

Dated: 09-03-2016

Sl. No.	Description	Summary												
1.	Control Period	N.A.												
2.	Applicability	<ol style="list-style-type: none"> 1. These Regulations shall apply to such consumers who are a buyer of energy/electricity from the distribution licensee in its area of supply . 2. The capacity of the solar energy system to be installed at the Premises of any consumer shall not be less than 1 kWp and shall not exceed 1 MWp. 3. These Regulations do not preclude the right of Govt. to undertake the Rooftop solar projects above 1 MWp capacity through alternative mechanism. 												
3.	Capacity Limits of Distribution Transformer	The distribution licensee may allow Net Metering connectivity exceeding 15 % of such rated capacity based on a detailed load study carried out by it.												
4.	Eligibility	<ol style="list-style-type: none"> 1. All the consumers in the area of supply of the distribution licensee. 2. The capacity limits for the connectivity of Grid Interactive Rooftop Solar System to the network of Distribution Licensee under these Regulations which are as follows: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Sr. No.</th> <th style="text-align: center;">Voltage Level</th> <th style="text-align: center;">Threshold Limit of Rooftop Solar PV System</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td style="text-align: center;">230 V (1 ϕ)</td> <td style="text-align: center;">Less than 5 KW/ 25 A</td> </tr> <tr> <td style="text-align: center;">2.</td> <td style="text-align: center;">440 V (3 ϕ)</td> <td style="text-align: center;">Less than 5 KW/ 25 KVA Less than 80 kW/ 100 KVA (Notified/Municipal Council/ Nagar Panchayat)</td> </tr> <tr> <td style="text-align: center;">3.</td> <td style="text-align: center;">6.6/11/22/33kV and above</td> <td style="text-align: center;">Upto 1000 KVA Upto 1000 KVA (Municipal Corporation)</td> </tr> </tbody> </table>	Sr. No.	Voltage Level	Threshold Limit of Rooftop Solar PV System	1.	230 V (1 ϕ)	Less than 5 KW/ 25 A	2.	440 V (3 ϕ)	Less than 5 KW/ 25 KVA Less than 80 kW/ 100 KVA (Notified/Municipal Council/ Nagar Panchayat)	3.	6.6/11/22/33kV and above	Upto 1000 KVA Upto 1000 KVA (Municipal Corporation)
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5.	Metering Arrangement	<ol style="list-style-type: none"> 1. Net metering arrangement shall have two meters including bi-directional meter which is also known as Net-Meter. The Net Meter will be single – phase or three - phase as per the requirements. 2. The Net Meters to be installed for the consumers of the premises under the ambit of time of day tariff shall be time of day (ToD) compliant. 												
6.	Energy Accounting and Settlement	<ol style="list-style-type: none"> 1. The units of the electricity exported exceeds the units of electricity imported during the billing period, such excess units of electricity exported shall be carried forward to the next billing period as credited units of electricity. 2. At the end of the financial year, unadjusted net credits units of electricity limited to 10 % of total units generated during the year by the Consumer, shall be purchased by the Distribution Licensee at the SERC/CERC's approved Average cost of Power Purchase of the Distribution Licensee for respective year. 3. The surplus energy measured in kilo-watt hour shall be utilised to offset the consumption measured in kilo-watt hour only unless otherwise allowed by the Commission from time to time. In case the Consumer is billed on KVAh, during injection of surplus power to the grid, the Power Factor shall be assumed equal to unity. 4. There be no deemed generation charges payable to the Renewable Energy generator or consumer of the premises. 												

7.	Other Charges	The Renewable Energy system under net metering arrangement shall be exempted from wheeling, banking, cross subsidy and other charges for a period of Five years, unless extended thereafter.
8.	Subsidy/Incentives of the Central/State Government	The Consumer can avail subsidy or incentives if offered by the Central/State Government on the capital cost of the Rooftop Solar System. Tripura Renewable Development Agency (TREDA) will be Nodal Agency for processing such subsidy or incentives of the Central State Government.