MAHARASHTRA ELECTRICITY REGULATORY COMMISSION

(Net Metering for Roof-top Solar Photo Voltaic Systems) Regulations, 2015
Dated: 10.09.2015 with amendment Dated: 21.07.2017

<table>
<tr><th>Sl. No.</th><th>Description</th><th colspan="3">Summary</th></tr>
<tr><td rowspan="6">1.</td><td rowspan="6">Eligibility/Individual Project Capacity</td><td>Sr. No. (1)</td><td>AC Voltage level at which Roof-top Solar PV System is to be connected to the Distribution Network (2)</td><td>Maximum limit for Roof-top Solar PV System (3)</td></tr>
<tr><td>1.</td><td>230/240 V (Single Phase)</td><td>Less than 8 kW/40 A</td></tr>
<tr><td rowspan="2">2.</td><td rowspan="2">400/415 V (Three Phase)</td><td>Less than 150kW/187 kVA (in Municipal Corporation areas)</td></tr>
<tr><td>Less than 80kW/100 kVA (in other areas)</td></tr>
<tr><td rowspan="2">3.</td><td rowspan="2">11kV and above</td><td>Above 150kW/187 kVA and less than 1000 kVA (in Mumbai Metropolitan Region)</td></tr>
<tr><td>Above 80kW/ 100 kVA and less than 1000 kVA (in other areas)</td></tr>
<tr><td colspan="3">HT (11 kV and above) Consumers may install and connect Roof-top Solar PV System at their LT Bus Bar System.</td></tr>
<tr><td>2.</td><td>Inter-connection with the Distribution Network / Grid</td><td colspan="3">1. The Distribution Licensee shall ensure that the inter-connection of the Roof-top Solar PV System with its Network conforms to the specifications, standards and other provisions specified in the CEA Regulations, 2013, CEA Regulations, 2010 and the MERC (State Grid Code) Regulations, 2006.
2. If an Eligible Consumer opts for connectivity with a battery back-up, the inverter shall have a separate back-up wiring to prevent the battery/ decentralized generation (DG) power from flowing into the grid in the absence of grid supply, and that an automatic as well as manual isolation switch shall also be provided.</td></tr>
<tr><td>3.</td><td>Metering Arrangement</td><td colspan="3">1. The Net Metering Arrangement shall include a single-phase or a three-phase Net Meter, as may be required, located at the point of inter-connection as ascertained by the Distribution Licensee
2. The Net Meter shall conform to the standards specified by the CEA for installation and operation of meters.
3. The net metering Agreement shall remain in force for twenty years.</td></tr>
<tr><td>4.</td><td>Energy Accounting and Settlement</td><td colspan="3">1. If the quantum of electricity exported exceeds the quantum imported during the Billing Period, the excess quantum shall be carried forward to the next Billing Period as credited Units of electricity.
2. In case the Eligible Consumer is within the ambit of ToD tariff, the electricity consumption in any time block, i.e. peak hours, off-peak hours, etc., shall be first compensated with the quantum of electricity injected in the same time block. Any excess injection over and above the consumption in any other time block in a Billing Cycle shall be accounted as if the excess injection had occurred during off-peak hours.</td></tr>
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5.	**Capacity limits at Distribution Transformer level**	1. The cumulative capacity of all Roof-top Solar PV Systems under Net Metering Arrangements connected to a particular Distribution. Transformer of the Licensee shall not exceed 40% of its rated capacity. 2. The Distribution Licensee may allow Net Metering connectivity exceeding 40% of such rated capacity upon consideration of a detailed load study carried out by it.