

General Guidelines for the consumers desiring connectivity of Roof-top Solar PV System with MSEDCL's Network under MERC Net Metering Regulations, 2015:

1. The Maharashtra State Electricity Regulatory Commission has notified the MERC (Net Metering for Roof-top Solar Photo Voltaic Systems) Regulations, 2015 on 10th September, 2015 for installation of Solar PV systems on Rooftop or any mounting structure by the existing/new consumers of MSEDCL in their premises for captive use.
2. The LT/HT consumer in MSEDCL's area who intends to install a solar PV system less than 1 MW to cater all or part of his own electricity load requirement is eligible for getting connectivity of Roof-top Solar PV System with MSEDCL's Network. This includes consumer catering to a common load such as Housing Society.
3. Such solar generation system may be owned and operated by the consumer itself or by third party leasing such system to the consumer.
4. The HT consumers (11 KV and above) may install and connect Rooftop Solar PV systems at their LT bus bar System.
5. The cumulative capacity of all Rooftop Solar PV systems under net metering arrangements connected to a particular Distribution Transformer shall not exceed 40% of its rated capacity.
6. The solar PV installation beyond 40% of DTC rated capacity may be allowed upon consideration of detailed load study on particular DTC.
7. The maximum Roof-top Solar PV system capacity to be installed at eligible consumer's premises shall not exceed the cumulative capacity of the Relevant DTC which has already been utilized as per point No. 5 and 6 above.
8. The variation in the capacity of the solar PV system shall be allowed within a range of 5%.
9. The Capacity limits for the connectivity of the Rooftop Solar PV systems to the Distribution network of MSEDCL shall be as specified in MERC (Standard of performance, Period of giving supply and Determination of Compensation) Regulations, 2014 as under:

Voltage level	Threshold limit of Rooftop Solar PV system
230/240 V(1 Φ)	Less than 8 kW/40 A
400/415 V(3 Φ)	Less than 150kW/187 kVA (in Municipal Corporation areas) Less than 80kW/100 kVA (in other areas)
11kV and above	Above 150KW/187 KVA and less than 1000 KVA (in Mumbai Metropolitan Region) Above 80 kW/100 kVA and less than 1000 kVA (in other areas)

10. An eligible consumer may install or enhance the capacity of or upgrade the rooftop Solar PV systems at different locations within same premises, however the total capacity of such systems within the same premises shall not exceed the individual capacity limits as above.

11. The Net Meter conforming to the standards specified by the CEA for installation and operation of meters shall be procured and installed by MSEDCL at its own cost in the premises of the Eligible Consumer.

If the Eligible Consumer is within the ambit of Time-of-Day ('ToD') Tariff, the Net Meter installed shall be capable of recording ToD consumption and generation. MSEDCL shall replace the meter of an existing Eligible Consumer with a Net Meter.

The Eligible Consumer may opt to procure, the Net Meter as per specification of MSEDCL at his own cost, for testing and installation by the MSEDCL.