



(A Govt. of Maharashtra Undertaking)

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**CE/Testing/NET/ABT Meter/ 9692**

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**CIRCULAR**

**Sub: Utilization of existing installed ABT meter (SEM) as Net Meter for Solar Roof-top projects.**

As per the provisions of MERC Net Metering regulations 2015-"Net Meter" means an energy meter as defined in the Electricity Supply Code which is also capable of recording both the import and export of electricity, or a pair of energy meters, one for recording the import and the other for recording the export of electricity, as the case may be. The Net Meter shall conform to the standards specified by the CEA for installation and operation of meters. 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.

Now a days it is observed that many of the HT consumers particularly the consumers who had previously opted for Open Access and now availing MSEDCL's supply and has installed rooftop Solar power plant are insisting for allowing them to utilize the existing installed ABT meter (SEM) as Net Meter.

In this connection, it is observed that the technical specifications of Net Meter and Special Energy Meter (SEM) are mostly same with minor differences. Both the meters are TOD trivector meters having Import-Export facility. The difference is observed in the Demand Integration Period and the load survey time interval; for SEM it is 15 min and for Net-Meter it is 30 min. However, the net-metering facility involves settlement / set off of solar energy banked with MSEDCL on unit basis only.

In view of above the competent authority has accorded approval in the matter as below:-

***"In case of Solar roof-top projects in r/o MSEDCL's Consumer, if the existing installed meter is ABT compliant Special Energy Meter (SEM) then the same shall be permitted to utilize as 'Net Meter', as per the request of the consumer."***

This circular shall come in force with effect from the date of issuance. This circular is available on MSEDCL website i.e. [www.mahadiscom.in](http://www.mahadiscom.in). So hard copy of the same shall not be issued.

  
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