

**CE/Testing/HT Solar rooftop/ABT/07/6413**

**Date: 25/02/2020**

**CIRCULAR NO-07**

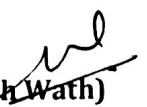
**Sub: Utilization of ABT meter (SEM) for HT roof-top Solar Generation projects.**

As per this office Circular ref. no. CE/Testing/NET/ABT Meter/9692 dated 26/04/2018, it is permitted for utilization of ABT meter as a Net Meter for Solar roof-top projects. The same was permitted considering the Import-export facility and the minor differences in the technical specifications of both the meters i.e. difference 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. Further, the net-metering facility involves settlement / set off of solar energy banked with MSEDCL on unit basis only; That is, there is an option for installation of ABT or Net Metering. Moreover, as per MSEDCL metering policy ref. no. 8378 dated 16/04/2018 for all the generators including Solar/Wind it is instructed to install ABT meters.

Now, as per the provisions of the MERC (Forecasting, Scheduling & Deviation Settlement of Solar & Wind Generation) Regulations 2018 and amended procedure approved by commission thereof-"the Distribution Licensee shall anticipate the generation from the various Wind/Solar Generators having capacity less than 5 MW which are connected by them or by their consumers while submitting demand forecast to MSLDC"; further Energy Accounting is on the basis of the energy recorded by SEMs in 15 min time block.

In view of above, the competent authority has directed to install ABT type Special Energy Meters having four quadrant Import-Export energy measurement facility & demand integration period of 15 mins as per MSEDCL latest technical specifications as Net Meters to all the HT Solar rooftop projects, henceforth. Further, Gross Solar Generation Meters shall be installed for meeting MSEDCL's renewable purchase obligation (RPO).

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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