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Government of India
Ministry of Power
Central Electricity Authority

New Delhi, dated the 2013

Notification

No. CEA/502/6/2013/DP&D/. In exercise of the powers conferred by the sub-section (1) of section 55 and clause (e) of section 73 read with sub-section (2) of section 177 of the Electricity Act, 2003 (No. 36 of 2003), the Central Electricity Authority, hereby makes the following regulations to amend the Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006 and Central Electricity Authority (Installation and Operation of Meters) Amendment Regulations, 2010 namely:-

1. **Short title and commencement.** – (1) These regulations may be called the Central Electricity Authority (Installation and Operation of Meters) Amendment Regulations, 2013.

(2) These regulations shall come into force on the date of their publication in the Official Gazette.

(3) These Regulations would be applicable for all Grid Interactive Renewable Energy Plants seeking the connectivity with the grid at 415 V & below Voltage Levels.

(4) Grid interactive Renewable Energy Plants connected at above 415 V would follow the same metering arrangement as stipulated for Generating Stations in Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006 and Central Electricity Authority (Installation and Operation of Meters) Amendment Regulations, 2010.

(5) All the clauses of ‘Consumer Meters’ as specified in Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006 and Central Electricity Authority (Installation and Operation of Meters) Amendment Regulations, 2010 would also be applicable for ‘Renewable Energy (RE) Meter’, unless specified in these Regulations.

2. In the Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006, the following definition may be inserted at Regulation 2 after (x) namely:-

(y) Renewable Energy (RE) Meter means a meter used for accounting and billing of electricity supplied to and from the consumer but excluding those covered under Interface Meters.

*(Explanatory Note : Small renewable plants including roof top Solar plants would be connected to LT level and would require bidirectional meter but no bi-directional meter at LT level has been defined in*
existing CEA metering Regulations. Accordingly, a new type of energy
meter called ‘Renewable Energy Meter’ is proposed to be introduced in
the Regulations for metering & accounting of renewable energy.)

3. In the Central Electricity Authority (Installation and Operation of Meters)
Amendment Regulations, 2010, the following may be inserted at Regulations
7, after sub para (c) of para 2, namely:-

“(d) The location of Renewable Energy Meters shall be as specified below:

<table>
<thead>
<tr>
<th>Metering arrangement</th>
<th>Location of Renewable Energy Meter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feed in Tariff</td>
<td>Out going feeder from Renewable Energy Plant</td>
</tr>
<tr>
<td>Net metering</td>
<td>In case of first installation for the purpose of Renewable Energy Metering, the ‘Renewable Energy (RE) Meter’ shall be installed at the location specified for consumer meter and in case of existing consumers, the consumer meter shall be replaced with ‘Renewable Energy (RE) Meter’</td>
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Note: In case of Net metering, Renewable Energy Plants with battery can supply the consumer load in the event of grid failure. In this case, an automatic isolating switch has to be provided at appropriate location to make islanding of the consumer load from the grid at the event of grid failure.

4. In the Part III of Schedule of the Central Electricity Authority
(Installation and Operation of Meters) Regulations, 2006,

(i) for paragraph (1) (a), the following may be substituted, namely:-

(1) measuring Parameters

(a) The Consumer meter shall be suitable for measurement of cumulative active energy utilized by the consumer and the Renewable Energy (RE) Meter shall be suitable for measurement of cumulative active energy drawn from the grid and injected into the grid.

(Explanatory Note: As RE meter would be bidirectional so it is proposed that clause (1) (a) of Part III of Schedule of the Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006 may be amended.)

Foot Note – The principle Regulations were published in the gazette of India vide No. 502/70/CEA/DP&D dated 17th March, 2006 and Amendment regulations were published in the gazette of India vide No. 505/6/2009/DP&D/D-1 dated 4th June, 2010