

KERALA STATE ELECTRICITY REGULATORY COMMISSION

**(Grid Interactive Distributed Solar Energy Systems) Regulations, 2014,
Dated: 10-06-2014 with amendment Dated: 15-03-2016**

Sl. No.	Description	Summary
1.	Control Period	N.A.
2.	Eligibility Condition	<ol style="list-style-type: none"> 1. Any consumer in the area of supply of the distribution licensee may install the solar system, either owned by him or by a third part. 2. The capacity of the solar energy system to be installed at the premises of any eligible consumer shall not be less than 1kWp and shall not more than 1 MWp. 3. The connected load or contract demand permissible at each voltage level in the Kerala is given below:
3.	Capacity Target for Distribution licensee	<ol style="list-style-type: none"> 1. In case of Low -tension Connectivity: <ol style="list-style-type: none"> (a) The distribution licensee shall give connectivity to the solar energy system of any eligible low tension consumer only till the cumulative capacity of the solar energy systems connected to a particular low tension distribution feeder is less than 80%of the average minimum load of all the consumers of the said feeder between 8 AM and 4 PM during the period of seven days. (b) The distribution licensee shall give connectivity for the solar energy system of any eligible low tension consumer to a distribution transformer, till the cumulative capacity of the solar energy systems connected to the said transformer reaches fifteen percent of its rated capacity, irrespective of the average load on the said transformer. (c) The distribution licensee shall give connectivity for the solar energy system of any eligible low tension consumer to a distribution transformer above 15% of its rated capacity as specified in clause (b) till the cumulative capacity of the solar energy systems connected to the said transformer, reaches the average load on the said transformer between 8 AM and 4 PM during the period of seven days. 2. In case of High-tension Connectivity: The distribution licensee shall give such connectivity to the solar energy system of any eligible consumer, generating electricity at 11000 volts, provided the cumulative capacity of the solar energy systems connected to the distribution feeder under a particular power transformer in the feeding substation is less than eighty percent of the average load of that feeder as assessed from the data available at the substation, relating to three hundred and sixty five days preceding the date of submission of the application form
3.	Banking Facility	The licensee shall extend to the eligible consumer, the facility to bank the electricity generated and injected into the distribution feeder by the solar energy system of the eligible consumer.
4.	Metering Arrangement	<ol style="list-style-type: none"> 1. The net meter shall be installed at the interconnection point of the eligible consumer with the network of the distribution licensee.

		<ol style="list-style-type: none"> 2. The consumers having ABT compliant meters with net metering facility shall not be required to install additional net meter. 3. Solar meter shall be installed at the delivery point of the solar energy system to measure the solar electricity generated.
5.	Energy Accounting and Settlement	<ol style="list-style-type: none"> 1. If the electricity injected into the system as measured in the net meter exceeds the total electricity drawn by the eligible consumer in the same premises during a billing period, such excess electricity injected into the distribution system shall be carried forward to the next billing period as electricity banked and shall be accounted and used to settle the electricity drawn by him in subsequent billing periods. 2. . Accounting and settlement of electricity drawn and injected by an eligible consumer who is in the ToD billing system-If the quantum of electricity injected into the system by the solar energy system of the eligible consumer as measured in the net meter, exceeds the total electricity drawn during the normal period in all the premises owned by him, within the area of supply of the licensee, in any billing period, such excess electricity injected into the distribution system shall be set off, first against the electricity drawn during the peak period and then during the off peak period in the same billing period. 3. The licensee shall pay for the net electricity banked by the eligible consumer at the end of the settlement period at the average pooled purchase cost of electricity as approved by the Commission for that year.
6.	Other Charges	The electricity generated by an eligible consumer using the solar energy system installed in his premises, whether owned by him or by a third party, shall be exempted from banking charge and cross subsidy surcharge.