

RAJASTHAN ELECTRICITY REGULATORY COMMISSION

**(Connectivity and Net Metering for Rooftop and Small Solar Grid
Interactive Systems) Regulations, 2015), Notification Date-26-02-2015**

Sl. No	Description	Summary															
1.	Connectivity of Roof Top PV Solar Power Plants	<ol style="list-style-type: none"> 1. The cumulative capacity to be allowed at a particular distribution transformer shall not exceed 30% of the capacity of the distribution transformer. 2. The distribution licensee shall update distribution transformer level capacity available for connecting Rooftop PV Solar Power Plants under net metering arrangement on yearly basis and shall provide the information on its website as well as to the Commission. 															
2.	Eligibility	<ol style="list-style-type: none"> 1. The maximum Rooftop PV Solar Power Plant capacity to be installed shall not be more than 80% of the sanctioned connected load/contract demand of the consumer. 2. The capacity of Rooftop PV Solar Power Plant to be installed shall be more than 1 kWp minimum and shall not be more than 1 MWp. 															
3.	Interconnection with the Grid Standards and Safety	<p>The connectivity levels at which the Rooftop PV Solar Power Plants shall be connected with the grid are as specified below:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">S.No.</th> <th style="text-align: center;">Connected load of Eligible Consumer</th> <th style="text-align: center;">Connectivity level</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td style="text-align: center;">Upto 5 kW</td> <td style="text-align: center;">240 V- single phase</td> </tr> <tr> <td style="text-align: center;">2.</td> <td style="text-align: center;">Above 5 kW and upto 18.65 kW</td> <td style="text-align: center;">415 V-Three phase</td> </tr> <tr> <td style="text-align: center;">3.</td> <td style="text-align: center;">Above 18.65 kW and upto 50 kW/kVA</td> <td style="text-align: center;">415 V-Three phase</td> </tr> <tr> <td style="text-align: center;">4.</td> <td style="text-align: center;">Above 50 kW/kVA</td> <td style="text-align: center;">HT/EHT level</td> </tr> </tbody> </table>	S.No.	Connected load of Eligible Consumer	Connectivity level	1.	Upto 5 kW	240 V- single phase	2.	Above 5 kW and upto 18.65 kW	415 V-Three phase	3.	Above 18.65 kW and upto 50 kW/kVA	415 V-Three phase	4.	Above 50 kW/kVA	HT/EHT level
S.No.	Connected load of Eligible Consumer	Connectivity level															
1.	Upto 5 kW	240 V- single phase															
2.	Above 5 kW and upto 18.65 kW	415 V-Three phase															
3.	Above 18.65 kW and upto 50 kW/kVA	415 V-Three phase															
4.	Above 50 kW/kVA	HT/EHT level															
4.	Applicability of other charges	The Rooftop PV Solar Power Plant under net metering arrangement, whether self-owned or third party owned installed on Consumer premises, shall be exempted from banking and wheeling charges and cross subsidy surcharge.															
5.	Metering Arrangement	<ol style="list-style-type: none"> 1. The bi-directional (net meter) shall be installed at the interconnection point of the Eligible Consumer with the network of the distribution licensee. 2. Solar meter shall be installed at the solar facility after the inverter to measure the solar generation . 3. The solar check meters would be optional, for installations size of less than and equal to 250 kW. 															
6.	Penalty	In case of failure to meet the requirements of regulations for net metering, the solar power generator shall be liable to pay penalty as decided by the Commission from time to time.															