

# MADHYA PRADESH ELECTRICITY REGULATORY COMMISSION

**(Micro-Grid Renewable Energy Generation and Supply) Regulations, 2016,  
Dated: 02.09.2016**

Sl. No	Description	Summary
1.	<b>Model for Business Operations</b>	<ol style="list-style-type: none"> <li>1. MGO may implement Micro-Grid projects for supply of electricity in Micro-Grid areas where grid is not in existence.</li> <li>2. On grid connectivity, MGO shall generate and supply entire electricity generated to the Distribution Licensee at the interconnection point at FiT (Fit-in-Tariff) determined by the Commission and shall be governed by MPERC Regulations regarding Renewable Energy.</li> <li>3. MGO shall transfer ownership of PDN conforming to the standards of Distribution Licensee's system to Distribution Licensee with mutual consent based on book value of assets on the date of transfer. The MGO shall rectify the shortcomings as per CEA Standards, if pointed out by the Discom while taking over the PDN.</li> </ol>
2.	<b>Technical Standards for Construction of PDN</b>	<ol style="list-style-type: none"> <li>1. Technical Standards for construction of PDN shall be as per the Central Electricity Authority Regulations,2010.</li> <li>2. Micro-Grid Projects with project capacity of 10 KW and above shall be required to construct PDN conforming to the technical standards of Distribution Licensee's system.</li> <li>3. State Nodal Agency shall appoint third party agency for verification of technical standards of PDN.</li> <li>4. (4) Technical Standards for Distribution Licensee's system shall be shared by the Distribution Licensee in public domain within one month from the date of official notification of these Regulations.</li> </ol>
3.	<b>Technical Standards for Interconnection with the Grid</b>	<ol style="list-style-type: none"> <li>1. Technical Standards for Interconnection with the Grid shall be issued in the implementation guidelines by the State Nodal Agency in consultation with Distribution Licensee and approved by the Commission. State Nodal Agency can also follow the standards issued by the Authority for Micro-Grid projects in future.</li> <li>2. Central Electricity Authority (Technical Standards for connectivity of the Distributed Generation Resources) Regulations, 2012 shall be applicable for interconnection of the Micro-Grid project with the Grid till the proposed technical standards for Interconnection are approved by the Commission.</li> <li>3. The cost for interconnection network from the MRES to the Interconnection point shall be borne by the MGO.</li> </ol>
4.	<b>Metering Arrangement:</b>	<ol style="list-style-type: none"> <li>1. Distribution Licensee shall install meter(s) at the interconnection point of MRES and Distribution Licensee's system.</li> <li>2. MGO shall install meter as per the following requirements               <ol style="list-style-type: none"> <li>(a) Generation meter at the Micro-Grid project to record the generation of electricity. This shall also serve the purpose of RPO fulfillment for obligated entity(ies);and</li> <li>(b) Meter(s) at each of the outgoing feeder(s) from the Micro-Grid project.</li> </ol> </li> </ol>

5.	<b>Distribution Franchisee Framework</b>	<ol style="list-style-type: none"> <li>1. A DFA shall be executed between the MGO and concerned Distribution Licensee.</li> <li>2. In such case, MGO shall enter into DFA with Distribution Licensee for undertaking operations on behalf of the Licensee and shall be compensated through a distribution franchisee fee mechanism.</li> <li>3. Distribution Franchisee Fee and other terms and conditions shall be covered in the DFA.</li> </ol>
6.	<b>Energy Accounting and Settlement for supply to Distribution Licensee</b>	MGO shall raise bill against the electricity injected to the Distribution Licensee's system at the interconnection point based on the billing period of the Distribution Licensee and shall be reimbursed by the Distribution Licensee based on the FIT determined by the Commission.
7.	<b>Revocation of Agreements</b>	<ol style="list-style-type: none"> <li>1. MGO shall be allowed to exit the Micro-Grid area upon obtaining requisite clearance from the State Nodal Agency.</li> <li>2. In areas where Micro-Grid pre-exists, MGO shall mutually decide with Distribution Licensee for transfer of ownership of PDN on advent of grid.</li> </ol>
8.	<b>Grievance Redressal Mechanism</b>	<ol style="list-style-type: none"> <li>1. The Commission shall resolve any conflict between MGO and the concerned Distribution Licensee(s).</li> <li>2. Grievance of any consumer shall be redressed as per MPERC (Establishment of Forum and Electricity Ombudsman for Redressal of Grievance of Consumer) Regulations, 2009.</li> </ol>