

# BIHAR ELECTRICITY REGULATORY COMMISSION

## (Banking of Power from energy based Captive Generating Plant) Regulations, 2018 Dated: 02-04-2018

Sl. No.	Description	Summary
1.	<b>Scope and Application</b>	These Regulations shall apply to the distribution licensee and all captive fossil fuel and renewable energy based generating plant in the State of Bihar supplying power to the grid not with the intention of selling it to either a third party or to a licensee, but with the intention of exercising its eligibility to draw back this power from the grid in the event of deficit of power, emergency, maintenance or shutdown of the plant.
2.	<b>Banking</b>	<ol style="list-style-type: none"><li>1. Banking of power upto 100% of the surplus energy as agreed between the eligible captive generator and distribution licensee shall be allowed.</li><li>2. the renewable energy based captive generator shall for the time being be exempted from day ahead scheduling and forecasting , however the renewable energy based captive generator shall abide by instruction of SLDC.</li><li>3. There shall be Banking Charges chargeable @12.5% of the banked energy.</li><li>4. The eligible renewable energy based captive generating plant shall be exempted from transmission/ wheeling charges.</li></ol>
3.	<b>Capacity Targets</b>	<ol style="list-style-type: none"><li>1. The capacity of the captive generating plant of any eligible captive generator under these Regulations shall not be less than one MW or MWp as the case may be.</li><li>2. The distribution licensee shall provide banking of power facility to eligible captive generator as long as cumulative capacity reaches 80% of rated capacity of the connected power transformer of the licensee.</li></ol>
4.	<b>Interconnection with the Grid</b>	<ol style="list-style-type: none"><li>1. The interconnection of the captive generating system with the grid shall conform to the technical specifications, standards and provisions as provided in the Central Electricity Authority (technical Standards for connectivity of the Distributed Generation resources) Regulations,2013 as amended from time to time.</li><li>2. The distribution Licensee shall also ensure that interconnection of the captive generating system with the distribution system of the Licensee conforms to the relevant provisions of the Central Electricity Authority(Measures related to Safety and Electric Supply) Regulations,2010 as amended from time to time.</li><li>3. The captive generator having Rooftop Solar system may install grid interactive Solar power system with or without battery backup.</li></ol>
5.	<b>Metering Arrangement</b>	<ol style="list-style-type: none"><li>1. The metering system shall be as per the provisions of CEA (Installation &amp;operation of meters) Regulations, 2006 as amended from time to time.</li><li>2. Check meters shall be mandatory for eligible captive generating plant.</li></ol>
6.	<b>Commercial Settlement</b>	<ol style="list-style-type: none"><li>1. For each billing period, the licensee shall show the quantum of injected electricity by the eligible captive generator in the billing period, quantum of withdrawn electricity by the eligible captive generator in the billing period, net electricity qualifying for payment by the eligible captive generator for that billing period and net carried over electricity to the next billing period separately.</li><li>2. The net energy withdrawn during the billing period shall be treated as consumed by the captive generating plant and shall be billed by the distribution licensee at the average cost of supply as approved by the Commission in the tariff order for the relevant year.</li></ol>

<b>7.</b>	<b>Renewable Purchase Obligation</b>	<ol style="list-style-type: none"><li>1. Non-solar renewable energy based generation shall qualify towards non-solar RPO and solar renewable energy based generation shall qualify towards solar RPO.</li><li>2. The quantum of electricity generated by eligible captive generator based on fossil fuel shall not qualify towards compliance of Renewable Purchase Obligation (RPO) for the distribution licensee.</li></ol>
<b>8.</b>	<b>Penalty or Compensation</b>	In case of failure of providing nondiscriminatory banking of power facility, the provisions of penalty shall be as per the provisions of the Act.