

KERALA STATE ELECTRICITY REGULATORY COMMISSION

(Supply of Power from Captive Generating Plants to Distribution Licensees) Regulations, 2007, Dated: 06-08-2007

Sl. No.	Description	Summary
1.	Control Period	2-Years
2.	Scope and Extent of Application	In case of a power plant (a) at least twenty six percent of the ownership is held by the captive user(s), and (b) at least fifty one percent of the aggregate electricity generated in such plant, determined on an annual basis, is consumed for the captive use.
3.	Obligations of the Captive Generating Plant	<ol style="list-style-type: none"> 1. Captive generating plants generating infirm power from renewable energy sources shall pay Transmission and wheeling charges including losses at 5% of wheeled energy. 2. Wind Energy Generating Stations drawing reactive power upto 10% of net active energy generated shall be charged 25 Ps/KVARh. For drawing reactive power more than 10% of net active energy generated 50 Ps/KVARh shall be charged for the total drawal, considering its negative impact on the grid. 3. In case of captive generating plants with seasonal generation or infirm generation such as small hydel projects or wind, the distribution licensee may provide adequate facilities for banking of surplus power, provided such captive generating plants agree to pay banking charges. 4. it shall not be the obligation of the distribution licensee to allow banking in cases where control over the fuel supply is possible or in cases where scheduling and dispatch is possible. 5. The unutilized banked energy as on first of February shall be treated as sold to the licensee at 75% of the normal purchase rate. Excess drawal at any point of time will be charged under respective tariff applicable to the user. The peak hour extra charges and off-peak hour rebate shall be on net energy consumption after deducting captive generation during respective periods.
4.	Sale of surplus Power	In case of co-generation plants the tariff for procurement by distribution Licensees shall be determined by the Commission on a case to case basis.
5.	Evacuation of Power	<ol style="list-style-type: none"> 1. The captive generating plant seeking connection to distribution system or grid shall be through a 11 KV or higher voltage line terminating at the nearest EHT Substation as per the voltage and capacity given below: <ol style="list-style-type: none"> (a) upto 4 MW on 11 KV, (b) upto 15 MW on 33 KV; (c) upto 25 MW on 66 KV (d) upto 40 MW 110KV (e) above 40 MW 220 kV 2. The construction of the power evacuation system for transmission at 66 KV or higher voltage shall be carried out under the approval and supervision of the State Transmission Utility.

		3. In case the generating company opts to get the dedicated transmission line constructed by persons other than STU/distribution licensee, the supervision charges shall be payable to distribution licensee or STU as the case may be.
6.	Metering Arrangement	The captive Generating Plants shall provide ABT compatible Special Energy Meters as per CEA specification at the point of injection and point of drawal and shall comply with all metering requirements as notified by the State Transmission Utility.
7.	Energy Accounting and Billing	The State Load Dispatch Centre shall arrange energy accounting and billing and the same shall be communicated to the utilities interacting with the grid .