

**KERALA STATE ELECTRICITY REGULATORY COMMISSION  
THIRUVANANTHAPURAM  
SCHEDULE OF TARIFF AND TERMS AND CONDITIONS  
FOR RETAIL SUPPLY COCHIN SPECIAL ECONOMIC ZONE (CSEZ) WITH  
EFFECT FROM 01-06-2008**

Unless the context otherwise requires words and expressions used in this schedule and Defined in the Electricity Act, 2003 or the Regulations specified by the Kerala State Electricity Regulatory Commission and the Terms and Conditions of Supply approved by the Commission shall have the meaning respectively assigned to them in the Act or Regulations mentioned above.

The tariff mentioned in this schedule shall apply to consumers to whom Cochin Special Economic Zone (CSEZ) has undertaken or undertakes to supply electricity not with Standing anything to the contrary contained in any of the Tariff Regulations or rules and/or orders previously issued.

The rates specified in this schedule are exclusive of Electricity duty and/or surcharge and/or any other cesses, taxes, minimum fees, duties and other impositions existing or that may be levied or imposed in future by the Government or the Commission, which are payable in addition to the charges as per the tariff mentioned in this Schedule.

**PART A – HT TARIFF**

1. This tariff shall be applicable to all High Tension/Deemed HT consumers to whom the CSEZ has undertaken or undertakes to supply energy. The expression High Tension (HT) consumer means a consumer who is supplied with electrical energy at a voltage of either 33,000 Volts, 22,000 Volts or 11,000 Volts under normal conditions, subject however to the percentage variation indicated in the agreement with the CSEZ or allowed under the Kerala Electricity supply Code, 2005 specified by the Kerala State Electricity Regulatory Commission. Deemed HT consumers are consumers with a connected load more than 100 KVA but metered at LT.
2. For the purpose of conversion from KVA to kW or vice versa, an average power factor of 0.9 shall be taken.
3. Billing demand shall be the recorded maximum for the month in KVA or 75% of the Contract demand (as per the agreement) whichever is higher.
4. when the actual maximum demand in a month exceeds the Contract demand as per the agreement the excess demand shall be charged at a rate of 150 percent of the demand charges applicable.
5. All HT/Deemed HT consumers shall install Time of Day (ToD) meters at their cost. They shall undertake maintenance and replacement of the defective meters, CT/PT, and other equipments owned by them at their cost. If they fail to do so when two months from the date of intimation they will be charged 50% extra over the prevailing rates applicable to them for both Demand and Energy.
6. All HT/Deemed HT consumers shall be billed on differential pricing system as per the formula indicated in the Annexure a to this Schedule.
7. In the case of factory lighting and colony supply of HT (Industrial)/Deemed HT consumers, the application tariff shall be subject to the following a Factory lighting – When the total connected lighting load of the factory Less than or equal to 5% of the connected load for power, it can be tapped off the power mains without segregation. When the above lighting load exceeds this limit, the whole lighting load should be segregated and metered by a sub-meter and lighting consumption in excess over 10% of the bulk supply consumption for power shall be charged at 25 paise extra per kWh for HT/Deemed consumers. b If no segregation is made as specified in (a) above, the bill amount of the consumer shall be increased for demand and energy charges by 20% for HT/Deemed consumers
8. Power factor incentives/penalties as per Annexure B shall be application to HT / Deemed HT consumers.

**HIGH TENSION INDUSTRIAL**

Tariff applicable to HT Industrial consumers

<b>Normal Rates</b>	
Demand Charges (Rs./KVA of Billing Demand/Month)	270
Energy Charge (Paise/kWh)	300

**DEEMED HIGH TENSION (DEEMED HT) INDUSTRIAL**

Consumers with more than 100/kVA connected load supplied at LT

<b>Rates</b>	
Demand Charges (Rs./KVA of Billing Demand/Month)	278
Energy Charge (Paise/kWh)	310

**PART B LOW TENSION (LT) TARIFF**

The expression Low Tension Consumer (LT) means a consumer who is supplied with electrical energy at low or medium voltage by the CSEZ. The voltages however being subject to percentage variations allowed under Kerala Electricity Supplied Code, 2005.

**General Conditions**

9. The tariff minimum payable by all LT consumers shall be the fixed charge of respective category.
10. All LT Industrial consumers shall install ISI approved static capacitors for power factor improvement, for their inductive load as recommended in Annexure C attached and obtain the permission of CSEZ.
11. LT Industrial consumers who have not installed ISI approved capacitors of recommended value, the rate applicable shall be higher by 20% (both on fixed and energy charges) applicable to the respective categories.
12. For welding sets without ISI approved capacitors of recommended value the fixed charge and energy charge shall be higher by 30%.
13. In the event of static capacitors becoming faulty or unserviceable the consumer shall forthwith intimate the matter to CSEZ and the consumer shall make immediate arrangements for repair.

14. If the capacitor is not put back into service duly repaired and to the satisfaction of the CSEZ within two weeks, enhanced charges as per item 3 or 4 above shall be payable for the whole period during which the capacitor was faulty.
15. Tariff for lighting LT industrial premises: The lighting load and power load shall be segregated, and metered by separate meters. The lighting consumption in excess over 5% of the bulk energy consumption for power proper shall be charged at 50 paise per kWh extra over and above the specified rate. Where segregation is not done the entire charges (fixed and energy charges) shall be increased by 50%.

### LOW TENSION I (LT I) INDUSTRY

Tariff applicable for general purpose industrial loads.

Tariff for general purpose industrial loads (single or 3 phase) namely cold storage, workshops using power mainly for production, pumping water for non-agricultural purpose, Diamond cutting, Garment making, Computer consultancy services with SSI registration engaged in Software services and data processing activities, Software development, Software Technology/Information Technology and tissue culture shall be:

<b>LT I Industrial</b>	
Fixed Charge Rs. Per kW or part thereof of connected load per month	45
Energy Charge (Paise/kWh)	325

#### Note:

- Industries engaged in software development Technology and tissue culture units need not segregate industrial load, lighting load and load for air conditioners. No Penalty shall be levied by the CSEZ for non-segregation of the load by these units. However, such consumer shall install static capacitors having ISI certification to improve the power factor of the load of air conditioners if any.
- If ISI approved static capacitors are not installed by such consumers to compensate the inductive load of air conditioners, 25% extra shall be charged on the total fixed charge inclusive of entire connected load.
- Software technology industries requiring new connection shall be provided connection only if they install ISI approved static capacitors to compensate the inductive load of air conditioners if any.
- The entire consumption and connected load of above consumers shall be charged at industrial tariff (LT I).

### LOW TENSION II (LT II) Commercial

Tariff applicable for Commercial consumers such as Commercial premises, hotel and restaurant, Satellite Communications, offices/telephone exchange of telecom companies shall be:

<b>LT II Commercial</b>	
Fixed Charge (Rs./kW)	Single Phase - 50 Three Phase - 100
Energy Charge (Paise/kWh)	Up to 100 kWh - 545 Up to 200 Units - 605 Up to 300 Units - 675 Up to 500 Units - 730 Above 500 Units - 805

### LOW TENSION 111 (LT 111) TEMPORARY CONNECTION

Tariff applicable to temporary connections shall be:

<b>LT 111 Temporary Connection</b>	
Energy charges (paise/kWh) - 1200 OR	
Daily minimum Rs.120/kW or part thereof connected load whichever is higher.	

Authenticated copy for issue  
Secretary (in charge)

### Annexure A Differential Pricing Method

Billing will be the highest of the following  
Recorded Maximum Demand between  
Normal Time (6.00 hrs 18 hrs) Or Peak Time (18 hrs 22 hrs) Or 75% of the Contract Demand

**1. Demand Charge** = Normal Demand Charge + Time of use charge Incentive

(a) Normal Demand charge = Billing Demand x Ruling Demand charge/KVA

(b) Time of use charge = Demand during peak time in excess of 60% of Demand during normal time x Ruling Demand Charge / KVA x 0.8 x 4/24

(c) Incentive = Demand during off peak time in excess of 60% of the Demand during normal time (up to 120% of the Contract Demand) x Ruling Demand Charge/KVA x 0.25 x 8/24

**2. Excess Demand Charge** = Excess Billing Demand x Demand charge/KVA x 0.5 (only if the recorded Maximum Demand during normal/peak time exceeds the contract demand)

**3. The recorded Maximum Demand during Off peak hours in excess of 120% of the contract Demand shall be charged only at the ruling tariff.**

**Note:-** This will be applicable only when the recorded maximum demand during off peak hours Exceeds billing demand. Normal ruling tariff only shall be charged for recorded maximum demand In excess of billing demand.

**4. Energy Charge** = Normal energy charge + Time of use charge Incentive.

(a) Normal Energy Charge = (Normal consumption + Peak Consumption + Off peak consumption) x ruling energy charges/unit.

(b) Time of use charge (Only if the consumption during peak period exceeds 10% of energy consumption during the month) = (Peak consumption 10% of the energy consumption during the month) x Ruling energy charge/unit x 0.80

(c) Incentive (Only if the consumption during Off- peak period exceeds 27.5% of energy consumption during the month) = (Off peak consumption 27.5% of the total consumption) x ruling energy charges/unit x 0.35

**5. Total Monthly charges** = (1) + (2) + (3) + (4)

**6. In respect of HT/Deemed HT consumers having only one shift during day time and if they shift the working time to off peak time, they will not be eligible for incentive**

7. (a) The ruling Demand Charge is the normal ruling rate applicable to Billing Demand.

(b) the ruling energy charge is the normal ruling rate applicable to energy

**Annexure B**  
**Power factor incentive and penalty**

The following incentive / penalty shall be applicable to HT / Deemed HT consumption for power Factor improvement as the case may be

<b>Power factor range</b>	<b>Incentive</b>
Power factor between 0.9 to 1.00	0.15% of energy charges for each 0.01 unit increase in power factor from 0.9
<b>Power factor range</b>	<b>Penalty</b>
Power factor below 0.90	1% energy charge for every 0.01 fall in power factor from 0.90