

KERALA STATE ELECTRICITY REGULATORY COMMISSION
THIRUVANANTHAPURAM

SCHEDULE OF TARIFF AND TERMS AND CONDITIONS FOR RETAIL SUPPLY BY KSEB

WITH EFFECT FROM 01.05.2013 to 31-3-2014

(Vide order No.OP 2 of 2013 dated 30.04.2013)

Unless the context otherwise requires, the words and expressions used in this schedule and defined in the Electricity Act, 2003 or the Regulations made 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 the Kerala State Electricity Board has undertaken or undertakes to supply electricity not withstanding anything to the contrary contained in any agreement entered into with any consumer earlier by Board/Government or 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 - EHT AND HT TARIFF

General conditions for HT and EHT tariff

1. For the purpose of conversion from kVA to kW or vice versa, an average power factor of 0.9 shall be taken.
2. Billing demand shall be the recorded maximum demand for the month in kVA or 75% of the contract demand (as per the agreement) whichever is higher.
3. When the recorded maximum demand during normal period and peak period in a month exceeds the contract demand as per the agreement and the recorded maximum demand during off-peak hours exceed 130% of the contract demand, the excess demand shall be charged at a rate of 150 percent of the demand charges applicable.

4. As per Sec 55 of the Electricity Act, 2003 and provisions of the Central Electricity Authority (Installation and Operation of meters) Regulations 2006, consumer meter shall generally be installed and owned by the licensee. Even if the consumer elects to purchase the meter as stipulated in proviso under sub section 1 of section-55 of the Electricity Act, 2003, such meter shall be tested, calibrated , sealed, installed, operated and maintained by the licensee as provided in the said regulations. The consumer has to purchase only such meters which are included in the list of makes and models of meters which has to be provided by the licensee , as stipulated in clause (c) of sub-regulation (2) of regulation 6, of The Central Electricity Authority (Installation and Operation of meters) Regulations 2006. If any existing consumer, having elected to purchase and supply the meter for replacement of the defective meter in his premises, fails to do so within two months , such consumer will be charged 50% extra over the prevailing rates applicable to him for both demand and energy , from the date of expiry of the two months period fixed for purchase and supply of meter , till the date on which meter is purchased and supplied by the consumer to the licensee.
5. All EHT consumers (except Railway Traction) and all HT/Deemed HT consumers (except cinema theatres, drinking water supply pumping stations of Kerala Water Authority, Corporations, Municipalities and Panchayats) shall be billed on ToD tariff as per the formula indicated in the Annexure A to this Schedule.
6. The Monthly minimum payable shall be the minimum guarantee amount as per minimum guarantee agreement, if any, or the billing demand as per condition 2 above, whichever is higher. This applies even during the period of disconnection of power supply.
7. In the case of factory lighting and colony supply of EHT/ HT (Industrial) consumers, the applicable tariff shall be subjected to the following:
 - a. Factory lighting - When the total connected lighting load of the factory is less than or equal to 5% of the connected load for power, it can be tapped off from 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 7 paise extra per kWh for EHT and 25 paise per kWh for HT consumers.
 - b. Colony Supply: Colony supply when taken from the consumer's EHT/HT supply shall be segregated and metered by means of a sub-meter and the consumption will be charged at 7 paise extra per kWh for EHT and 25 paise/kWh for HT consumers.
 - c. If no segregation is made as specified in (a) or (b) above, the bill amount of

the consumer shall be increased for demand and energy charges by 10% and 20% for EHT and HT consumers respectively.

8. Power factor incentives/penalties as per Annexure B shall be applicable to HT and EHT consumers.
9. In the case of Deemed HT Consumers tariff applicable shall be demand charges of respective HT category and energy charge of respective LT categories.

EHT TARIFF

This tariff shall be applicable to all Extra High Tension consumers. The expression Extra High Tension (EHT) consumer means a consumer who is supplied with electrical energy at a voltage exceeding 33000 Volts under normal conditions subject however to the percentage variation allowed under the Kerala Electricity Supply Code, 2005 specified by the Kerala State Electricity Regulatory Commission.

1.EHT Industrial

a) EHT Industrial (66 kV)

Tariff applicable to general purpose industrial load at 66 KV.

Supply Voltage	Demand Charge (Rs./kVA of Billing Demand/ Month)	Energy Charge (Paise/kWh)
66 kV	300	440

b) EHT Industrial (110 kV)

Tariff applicable to general purpose industrial load at 110 KV.

Supply Voltage	Demand Charge (Rs./kVA of Billing Demand/ Month)	Energy Charge (Paise/kWh)
110 kV	290	430

c) EHT Industrial (220 kV)

Tariff applicable to general purpose industrial load at 220 KV.

Supply Voltage	Demand Charge (Rs./kVA of Billing Demand/ Month)	Energy Charge (Paise/kWh)
220 kV	275	435

2. EHT Non-Industrial (66 kV, 110 kV, 220kV)

Tariff applicable to non- industrial load at EHT

Normal Rates	
Demand Charges (Rs./kVA of Billing Demand/Month)	375
Energy Charge (Paise/kWh)	
Up to 60,000 units (All units)	600
Above 60,000 units (All units)	700

3. RAILWAY TRACTION (110 kV)

Supply Voltage	Demand Charge (Rs./kVA of Billing Demand/ Month)	Energy Charge (Paise/kWh)
110 kV	250	435

HT Tariff

This tariff shall be applicable to all High Tension consumers to whom the Board 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 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 Board or allowed under the Kerala Electricity Supply Code, 2005 specified by the Kerala State Electricity Regulatory Commission.

1. HIGH TENSION (HT - I (A)) INDUSTRIAL

Tariff applicable to general purpose industrial load including printing presses (including presses engaged in printing dailies), plantations, dairy farms, granite crushing units, seafood processing units, all non-agricultural pumping, drinking water pumping for public by Kerala Water Authority, corporations, municipalities and panchayats, processing of milk by pasteurization and its storage and packing

Normal Rates	
Demand Charge (Rs./kVA of Billing Demand/Month)	300
Energy Charge (Paise/kWh)	460

2. HIGH TENSION (HT - I (B)) IT and IT Enabled services

Tariff applicable for IT &IT enabled industries including computer consultancy service units engaged in the software services and data processing activities and desk top publishing, software development units but excluding call centres.

Normal Rates	
Demand Charge (Rs./kVA of Billing Demand/Month)	300
Energy Charge (Paise/kWh)	500

3. HIGH TENSION (HT - II) NON-INDUSTRIAL / NON-COMMERCIAL

Tariff applicable to non-industrial, non-commercial consumers such as public offices run by central/state government, local bodies, technical and educational institutions and hostels run by or affiliated to universities or government departments or government hospitals or government nursing homes, charitable institutions, offices of political parties approved by Election Commission of India and colonies supplied with energy at HT and HT domestic.

<u>Normal Rates</u>	
Demand Charges (Rs./kVA of Billing Demand/Month)	350
Energy Charge (Paise/kWh)	445

Note: The HT domestic connection shall be effected under the HTII Tariff subject to the following conditions:

1. The connections provided shall be for domestic use only.

2. The consumer shall not resell the power supplied to the occupants inside or outside the premises to which HT connection is provided .
3. If the apartment/flat/room is rented out or made use of for any other purpose, he shall take individual LT connection at his cost. Appropriate LT tariff shall apply in such cases based on the purpose of electricity usage. He shall maintain the transformer and allied equipments at his cost in such cases.

4. HIGH TENSION {HT - III (A)} AGRICULTURE

Tariff applicable to agricultural purpose using electricity for pumping, dewatering and lift irrigation for cultivation of food crops such as cereals, pulses, vegetables and fruits

Normal Rates	
Demand Charges (Rs./kVA of Billing Demand/Month)	165
Energy Charge (Paise/kWh)	180

5. HIGH TENSION {HT - III (B)} AGRICULTURE

Tariff applicable to agricultural purposes such as poultry farms, silk worm breeding units, livestock farms, combination of livestock and dairy farms, aquaculture, floriculture, tissue culture, sericulture and mushroom culture, fish farms including ornamental fish farms, prawn farms ,other aqua farms , rabbit farms, piggery farms, agricultural and floricultural nurseries, hatcheries etc

Normal Rates	
Demand Charges (Rs./kVA of Billing Demand/Month)	165
Energy Charge (Paise/kWh)	230

5. HIGH TENSION (HT - IV) COMMERCIAL

Tariff applicable to commercial establishments such as airports, hotels/restaurants, lodges, hostels, guest/rest houses, travelers bungalows, cold storage, freezing units , business houses, film studios, cinema theatres, milk chilling plants, offices/ telephone exchanges of telecom companies, radio stations, television broadcasting companies, television channels, LPG bottling

plants, cinema dubbing and animation studios , hall marking centre, showrooms, display outlets and service stations of automobiles and construction works.

Normal Rates	
Demand Charges (Rs./kVA of Billing Demand/Month)	400
Energy Charge (Paise/kWh)	
Up to 30,000 units (All units)	610
Above 30,000 units (All units)	720

6. HIGH TENSION (HT -V) GENERAL

Tariff applicable to private hospitals, private clinical laboratories, private X-ray units, private mortuaries, private blood banks, private scanning centers, computer training centres/ institutes, self-financing educational institutions (including hostels)

Normal Rates	
Demand Charges (Rs./kVA of Billing Demand/Month)	400
Energy Charge (Paise/kWh)	
Up to 30,000 units (All units)	600
Above 30,000 units (All units)	700

7.HIGH TENSION (HT - VI) SEASONAL CONSUMERS

1. HT consumers with seasonal load shall register themselves with Board as seasonal consumers for the purpose for which electricity is used. He shall be billed under appropriate tariff for the period of use.
2. For registration as a seasonal consumer, the consumer should have a minimum of four working months per annum or he should guarantee a minimum equivalent thereto for the working season.
3. If a consumer registered with the Board as a seasonal consumer and specified the uses of electricity for different purposes during different seasons and also specifies the period of usage for each such purpose, then the consumer shall billed under appropriate tariff for each purpose during different seasons separately.
4. If a registered seasonal consumer using electricity for different purposes without specifying the purposes and the period of usage, then the

consumer shall be charged at the highest tariff among the different uses, applicable for the various operations for the whole year.

5. The conditions for Lighting for seasonal industrial consumers shall be the same as applicable in the case of HT I.
6. If a registered seasonal consumer opts for disconnection of supply during the period other than the period of usage (seasonal usage specified), then he shall pay higher demand charges during the working season as below.
 - (a) Demand charges shall be increased by $5(12-N) \%$ where 'N' is the number of months during which the consumer registers himself with the Board to utilize the service in the year.
 - (b) There will be no billing for the idling period.
 - (c) The service to the consumer will be disconnected without notice immediately on termination of the registered period unless the consumer asks for continuance of the service during the idle period for which also he will be charged at the same seasonal rate applicable for the original period.
 - (d) Monthly minimum equivalent to demand charges for 75% of the contract demand increased as per (a) above shall be collected from the consumer in each working month.

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 Board. The voltages are however being subject to percentage variations allowed under Kerala Electricity Supply Code, 2005.

General Conditions

1. The tariff minimum payable by all LT consumers other than LT-VI (D) shall be the fixed charge of respective category.
2. All LT Industrial and LT Agricultural consumers are required to install static capacitors approved by ISI for power factor improvement, for their inductive load as recommended in the Annexure C attached and obtain the permission of the Licensee.
3. For LT Industrial and Agricultural 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.
4. For welding sets without ISI approved capacitors of recommended value the fixed charge and energy charge shall be higher by 30%.
5. In the event of static capacitor becoming faulty or unserviceable, the consumer shall forthwith intimate the matter to the concerned Officer of the electrical section/Sub-division and the consumer shall make immediate arrangements for replacement.
6. If the capacitor is not replaced or put back into service duly repaired and to the satisfaction of the Board within one month, enhanced charges as per item 3 or 4 above shall be payable for the whole period during which the capacitor was faulty.
7. Consumers (other than LT-IV Industrial and LT-V Agriculture) who have segregated their power loads may install ISI approved static capacitors for power factor improvement as recommended in the Annexure C to this schedule and obtain approval of the Board. In such cases they shall be eligible for a rebate of 5% on the energy charges only. The rebate shall be allowed for consumption from the billing month succeeding the month in which the approval has been obtained.
8. Power supply to common facilities such as fire fighting, common lighting, lifts, water pumping, sewage treatments facilities, waste disposal facilities, etc. in apartment complexes and individual houses for domestic use shall be billed under domestic tariff.

9. Power supply to common facilities in the multi-storeyed building with non-domestic/commercial occupation only shall be charged under the appropriate LT-VI or LT-VII tariff. When there is a combination of occupation of different categories of consumers, common facilities shall be charged at the highest LT-VI or LT-VII tariff applicable among such categories.
10. Power supplies to common facilities in multi-storeyed buildings mainly for domestic occupation shall be under the domestic tariff if the connected load other than domestic is less than 5% of the total load.
11. ToD tariff shall be applicable to LT IV Industrial consumers having connected load 20 kW and above and LT I domestic (3Phase) consumers having monthly consumption of above 500 units. The charges and other terms & conditions for ToD tariff is given as Annexure 'D & E' to the schedule.

LOW TENSION – I (LT- I)

The tariff applicable to supply of electrical energy for domestic use (single phase/ three phases)

Fixed charges	Single Phase: Rs.20 per consumer per month Three phase : Rs.60 per consumer per month	
Energy Charges		
Monthly Slabs	Rates	Remarks
0-40 units	150 paise per unit	
0-80 units	220 paise per unit	Telescopic
81-120 units	300 paise per unit	
121-150 units	380 paise per unit	
151-200 units	530 paise per unit	
201-300 units	650 paise per unit	
0-350 units	500 paise per unit	Non-Telescopic
0-400 units	550 paise per unit	
0-500 units	600 paise per unit	
Above 500 units	700 paise per unit	

Note: Fixed charges shall not be applicable for single phase consumers having average consumption of 40 units or below per month for the previous six months.

The minimum electricity charges payable during the period of disconnection shall be:

Single phase - Rs. 20 per consumer per month

Three Phase - Rs. 60 per consumer per month

Note:

1. Electricity used for water supply projects for pumping water solely for domestic purpose coming under local self government and beneficiaries committees, schemes under Jalanidhi, Jaladhara, Swajaladhara, and similar water supply projects coming under water supply societies, drinking water supply schemes in SC/ST and laksham veedu settlement colonies and taken over and managed by three tier panchyaths, all social drinking water supply schemes which are established through MP/MLA fund/PPS/three tier panchayath fund, and Rajeev Gandhi Drinking water schemes managed by beneficiary groups where water is used only for domestic purpose, shall be charged under domestic tariff. The method of billing for the schemes shall be:

The total group consumption shall be divided by the number of beneficiary households to estimate the average consumption per household and bill for individual household shall be prepared based on the average consumption per household applying domestic tariff applicable to consumption above 40 Units.

2. Home stay units approved by Department of Tourism shall be billed under LT I domestic.
3. Domestic consumers shall be allowed to utilize electrical energy in some portion of their residence for their own use for purposes other than domestic as defined under LT-I when such connected load does not exceed 20% of the total connected load or 500 Watts in their premises. When connected load other than domestic use in such cases exceeds the above 20% or 500 W whichever is less, such loads shall be segregated and separate service connection obtained under appropriate tariff. When this is not done, the tariff applicable to the whole service shall be at the appropriate tariff applicable to the connected load used for purpose other than domestic, if such tariff is higher than the tariff for LT-I

LOW TENSION - II (LT- II) COLONIES

Tariff applicable to colonies of HT and EHT consumers where resale of energy is not involved and where supply at a single point is given at LT by the Board for domestic use in staff quarters, street lighting and pumping water for domestic use, colonies of

universities, State/Central Government Departments, public institutions like companies/boards/corporations under State/Central Government, hospitals therein, colonies of Railways, State/Central Government undertakings, Postal/ BSNL/ AIR/ Doordarshan and private colonies.

LT - II Colonies	
Fixed Charge (Rs./Month)	2200
Energy Charge (Paise/kWh)	650

Note:- In Special cases where supply is given at more than one point each supply point shall be considered as a separate consumer for the purpose of billing.

LOW TENSION - III (LT- III) TEMPORARY SERVICES INCLUDING TEMPORARY CONNECTIONS AND EXTENSION

LT III(A): Temporary connections

Tariff applicable for illumination, exhibition, festivals, public meeting and fairs (single or three phases)

LT - III Temporary connections	
Energy Charge (Paise/kWh)	1400
OR	
Daily minimum Rs.140 /kW or part thereof of connected load, whichever is higher	

Note: 40% concession in the rates shall be allowed if the connection is for

- (a) exhibitions conducted by Local self Government institutions/ Government educational institutions/recognized private educational institutions
- (b) festivals of public religious worship centers for illumination(limited to energy availed by the religious worship centers and not by other agencies who function in the premises of religious worship centers where festival is being organized), public address system and security lighting.

LOW TENSION -LT III (B) TEMPORARY EXTENSIONS:

Applicable to temporary extension taken from consumers premises

LT - III(B) Temporary extensions
Fixed charges per day - Rs.65/kW or part thereof of connected load plus the application fee, test fee etc.

LT- IV- INDUSTRY

(a) LT- IV (A) - INDUSTRY

Tariff applicable for general purpose industrial loads (single or three phase) which include , grinding mills, flour mills, oil mills, rice mills, saw mills, ice factories, rubber smoke houses, prawn peeling units, tyre vulcanizing/retreading units, workshops using power mainly for production and/or repair, pumping water for non-agricultural purpose, public waterworks, **sewage pumping**, power laundries, screen printing of glass ware or ceramic, printing presses, bakeries (where manufacturing process and sales are carried out in the same premises) diamond- cutting units, stone crushing units, book binding units with allied activities, garment making units, **electric crematoria, pyrolators installed by local bodies**, SSI units engaged in computerized colour photo printing, audio/video cassette/CD manufacturing units, seafood processing units, granite cutting units (where boulders are cut into sheets in the same premises), dairy, cardamom drying and curing units, and units carrying out extraction of oil in addition to the filtering and packing activities carrying out in the same premise under the same service connection, manufacturing rubber sheets from latex, telemetry stations of KWA, processing of milk by pasteurization and its storage & packing.

LT - IV (A) Industrial	
Fixed Charge	
(a) Connected load 8 kW or below (Rs./consumer per month)	60
(b) Connected load above 8kW (Rs./ kW or part thereof per month)	60
Energy Charge (Paise/kWh)	470

Note:

- a. The demand charges applicable to ToD tariff shall be Rs. 100 per kVA per month.
- b. Workshops with automobile service stations shall segregate the workshop load for availing the benefit of industrial tariff.

LT- IV (B) - IT and IT Enabled services.

Tariff applicable for IT and IT enabled services including Akshaya -e-centres, computer consultancy services units with SSI registration engaged in software services and data processing activities and desktop publishing, software development units but excluding call centers

LT - IV (B) Industrial	
Fixed Charge	
(a) Connected load 8 kW or below (Rs./consumer per month)	60
(b) Connected load above 8kW (Rs./ kW or part thereof per month)	60
Energy Charge (Paise/kWh)	510

Note:

- a. The demand charges applicable to TOD tariff shall be Rs. 100 per kVA per month.
- b. If ISI approved static capacitors are not installed by software units and similar consumers to compensate the inductive load including 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 LT IV (B) tariff.

LT- V AGRICULTURE

(a) LT- V (A) AGRICULTURE

Tariff applicable to agricultural purpose using electricity for pumping, dewatering and lift irrigation for cultivation of food crops such as cereals, pulses ,vegetables and fruits

LT - V (A)- Agriculture	
Fixed Charge Rs. per kW or part thereof per Month	6
Energy Charge (Paise/kWh)	150

In all cases ISI approved capacitors of recommended value (See Annexure C) shall be installed for inductive load.

(b) LT- V (B) AGRICULTURE

Tariff applicable to agricultural purposes such as poultry farms, silk worm breeding units, livestock farms, combination of livestock farms with dairy, Aquaculture, floriculture, tissue culture, sericulture and mushroom culture, fish farms including ornamental fish farms, prawn farms ,other aqua farms , rabbit farms , piggery farms , agricultural and floricultural nurseries, **hatcheries** etc

LT - V (A)- Agriculture	
Fixed Charge Rs. per kW or part thereof per Month	6
Energy Charge (Paise/kWh)	200

In all cases ISI approved capacitors of recommended value (See Annexure C) shall be installed for inductive load.

LOW TENSION -VI (LT- VI) NON-DOMESTIC

LT VI (A)

Tariff applicable to premises of religious worship, institutions imparting religious education, government or aided private educational institutions, libraries and reading rooms of government or aided private educational institutions, convents,

Government hospitals, X-Ray units, laboratories and mortuaries attached to government hospitals, blood banks of IMA/Govt. hospitals/local self Government Institutions, private hospitals registered under Cultural, Scientific and Charitable Societies Act and exempted from payment of income tax.

LT - VI (A) Non-Domestic	
Fixed Charge Rs. per kW or part thereof per Month	50
Energy Charge (Paise/kWh)	Upto 500 kWh - 510 Above 500 kWh - 590

LT- VI (B)

The tariff applicable to offices and institutions under State/Central Government, Corporations, Boards under State/Central Government/ Local Self Government Institutions, Kerala Water Authority, KSRTC, KSWTC, hostels of educational institutions affiliated to Universities or under the control of the director of technical/medical education/public instruction or such other offices of government or run by the government or state social welfare board, hostels run by institutions that are registered under Cultural, Scientific and Charitable Societies Act and exempted from payment of income tax, village offices, treasuries, KHRWS pay wards and institutions of KHRWS, travelers bungalows, guest/rest houses under government, type writing institutes, offices of advocates / chartered accountants/ company secretary/ consulting engineers / tax consultants /architects / cost accountants/ management consultants, social organizations, museum / zoo, offices of political parties not approved by the Election Commission of India and collection centers of 'FRIENDS' , single window service centers under department of Information Technology, Police Clubs and mobile cameras at traffic signal points.

LT - VI (B) Non-Domestic	
Fixed Charge Rs. per kW or part thereof per Month	70
Energy Charge (Paise/kWh)	Upto 500 kWh - 585 Above 500 kWh - 700

LT- VI (C)

Tariff applicable to offices or institutions under Income Tax/Central Excise, Customs, offices under Motor Vehicles Department/ Sales Tax department/ Excise Department, offices of all other tax/revenue earning departments under State/Central Government (other than Local Self Government Institutions), Department of Posts, light houses, pawn brokers, banks, ATM counters, Railways(including railway stations) offices of Airport Authority of India (except airport) office of Sub-Registrars, micro financing Institutions and any other LT categories not included in this schedule.

LT - VI (C) Non-Domestic	
Fixed Charge Rs. per kW or part thereof per Month	180
Energy Charge (Paise/kWh)	
Upto 500 kWh	700
Above 500 kWh	850

LT- VI (D)

Tariff applicable to orphanages, anganawadis, schools and hostels of mentally retarded students, deaf/dumb/blind/physically handicapped persons, old age homes, Cheshire homes, SoS Children's' Villages, polio homes, cancer and palliative care centers, HIV rehabilitation centers and other similar other charitable institutions recognized by the Government.

LT - VI (D) Non-Domestic	
Fixed Charge Rs. per kW or part thereof per Month	Nil
Energy Charge (Paise/kWh)	150

The tariff minimum payable during the period of disconnection and other than during the period of disconnection shall be:

- Single phase - Rs. 15 per consumer per month
- Three Phase - Rs. 25 per consumer per month

LT VI(E)

Tariff applicable to sports/arts clubs, sailing/swimming activities and gymnasiums (with connected load not exceeding 2000 W), libraries and reading rooms other than those of educational institutions, press clubs and Offices of political parties approved by Election Commission of India, e-toilet and Public comfort stations.

Fixed charges	Single Phase: Rs.20 per consumer per month Three phase : Rs.60 per consumer per month	
Energy Charges		
Monthly Consumption Slabs	Rates	Remarks
Up to 120 units	330 paise per unit	Non-telescopic
Up to 200 units	410 paise per unit	
Above 200 units	600 paise per unit	

LOW TENSION -VII (LT- VII) COMMERCIAL

LT VII (A)

Tariff for commercial consumers such as shops, other commercial premises for trading, hotels and restaurants (having connected load exceeding 1000 W), showrooms, business houses, private hostels/lodges/guest/rest houses, freezing plants, cold storages, milk chilling plants, bakeries (without manufacturing process), cinema studios, Audio/video cassette recording/duplication units, CD recording units, petrol/diesel/ LPG /CNG bunks, automobile service stations, all construction works, installations of cellular mobile communications /cable TV networks, satellite communications, offices/ exchanges of telecom companies, offices or institutions of AIR, Doordarshan, radio stations, insurance companies, call centers and marble and granite cutting units, LPG bottling plants, house boats, computerized wheel alignment centres, units carrying out filtering and packing and other associated activities using extracted oil brought from outside, cinema dubbing and animation studios , hall marking centres.

LT VII (A) Commercial	
Fixed charge (Rs/ kW per month)	
Single Phase	60
Three phase	120
Energy Charge (paise per unit)	
Upto 100 units per month	580
Upto 200 units per month	650
Upto 300 units per month	720
Upto 500 units per month	780
above 500 units per month	910

LT- VII (B)

Tariff applicable to commercial consumers shops / bunks / hotels and restaurants / telephone / fax / email / photocopy booths and internet cafes having connected load not exceeding 1000 Watts.

When connected load in the above cited cases exceeds 1000 Watts the consumers, shall be charged under LT VII (A). If the monthly consumption of LT-VII(B) consumers having connected load 1000 Watts exceeds 300 units , the energy charges at LT-VII(A) rates shall be applicable.

LT - VII (B) Commercial	
Fixed Charge Rs. per kW or part thereof per Month	40
Energy Charge (Paise/kWh)	
0 to 100 units	420
0 to 200 units	520
0 to 300 units	620

LT- VII (C)

Tariff applicable to cinema theatres, circus, sports/arts clubs or sailing/swimming activities and gymnasiums having connected load exceeding 2000W

LT - VII (C) Commercial	
Fixed Charge Rs. per kW or part thereof per Month	90
Energy Charge (Paise/kWh)	
Upto 1000 kWh	540
Above 1000 kWh	700

Note If the consumption of consumers under LT VII Commercial (A) or (B) exceeds a particular block, the entire consumption shall be charged at the rate prescribed for the next block. For example if the consumption exceeds 100 units but does not exceed 200 units, the entire consumption is chargeable at the rates applicable to 200 units block

LT VIII GENERAL

Private hospitals , private clinical laboratories, private X-ray units, private mortuaries, private blood banks, private scanning centers, computer training institutes, self-financing educational institutions (including hostels)

LT VIII General	
Fixed charge (Rs/ kW per month)	
Single Phase	60
Three phase	120
Energy Charge (paise per unit)	
0 to 100 units per month	550
0 to 200 units per month	600
0 to 300 units per month	650
0 to 500 units per month	750
above 500 units per month	850

LOW TENSION - I X (LT- I X) PUBLIC LIGHTING

Tariff applicable to various categories of public lighting per lamp.

A. COMPOSITE TARIFF

TYPE OF LAMP		Rs/Lamp/Month		
		Burning Hours per day		
	Watts (W)	4 Hours	6 Hours	12 Hours
(1)	(2)	(3)	(4)	(5)
Ordinary	40	16	25	49
Ordinary	60	25	37	75
Ordinary	100	41	62	124
Fluo tube	40	16	25	49
Fluo tube	80	33	49	99
Floodlight	1000	414	621	1242
MV Lamp	80	33	49	99
MV Lamp	125	52	78	155
MV Lamp	160	67	99	199
MV Lamp	250	104	155	311
MV Lamp	400	166	248	497
SV Lamp	70	29	44	87
SV Lamp	80	33	49	99
SV Lamp	100	41	62	124
SV Lamp	125	52	78	155
SV Lamp	150	62	93	186
SV Lamp	250	104	155	311
CFL	11	2	3	7
CFL	22	5	7	14
CFL	44	9	14	28
CFL	18	3	6	12
CFL	36	7	12	22
CFL	72	15	22	45
CFL	15	3	5	9
CFL	30	6	9	18
CFL	36	7	12	22
CFL	72	15	22	45
CFL	144	30	45	90
LED	18	3	6	12
MV Lamp on semi high mast only for 12 hrs burning per day	1200			1490
SV Lamp on semi high mast only for 12 hrs burning per day	250			311

B. METERED STREET LIGHTS

TARIFF FOR METERED STREET LIGHTS	
Fixed charge (Rs/ meter/month)	30
Energy Charge (paise per unit)	300

1. When public lighting is to be done after extension of lines, the beneficiaries shall pay the cost of the work as per terms and conditions of supply approved by the Commission.
2. In campuses where lines and lights are provided by the beneficiary, LT metered supply shall be provided at 300 paise /kWh plus fixed charge of Rs.30 per meter per month subject to other conditions regarding the payment of cost of the work.
3. Supply to light houses when taken from the Board's street mains will be charged at appropriate public lighting tariff. Where low tension metered and independent supply is provided, the rate applicable will be 300 paise/kWh plus fixed charge at Rs.30 per meter per month and subject to other conditions regarding payment of cost of the work.
4. Metered supply will be given by the Board in areas where the Board's low tension distribution lines exist, for special type of lamps, rates for which are not given in the annexure, provided the lamps are installed and maintained by the local bodies at their cost. The tariff applicable in such cases shall be 300 paise per unit plus fixed charge at Rs 30/- per meter per month, subject to other conditions regarding payment of cost of the work.
5. Separate charges shall not be collected from the consumers towards service charges.
6. Electricity duty is not payable for public lighting as per the provisions of Kerala Electricity Duty Act, 1963.
7. Traffic signal lights shall be billed under '(LT IX B) public lighting metered street lights.'

LT X : Display Lighting and Hoardings

Tariff applicable to display lighting, hoarding, external illumination of buildings for publicity and sales- promotion purposes.

LT - X (Display Lighting and Hoardings)	
Fixed Charge Rs. per Connection per Month	500
Energy Charge (Paise per unit)	1250

Note:

The electricity used for the purposes of displaying the name, address, working time and such essential details of commercial, industrial and non-domestic category is allowed to be charged at same tariff rate applicable to the category to which such consumers belong.

PART- C

TRANSMISSION CHARGE, WHEELING CHARGE, & CROSS SUBSIDY SURCHARGE

For consumers / generators / licencees utilizing transmission and distribution network of KSEB under open access the rates applicable shall be:

1. Transmission charges
 - a. at EHT Level : 19 ps/unit
2. Wheeling charges
 - a. at HT level : 24 ps/unit
3. Cross Subsidy Surcharge:

EHT 66 kV	Nil
EHT 110 kV	Nil
EHT 220 kV	52 paise/unit
Railways	23 paise /unit
HT I Industrial	Nil
HT II Non Industrial	84 paise/unit
HT IV Commercial	261 paise/unit

Standby charges shall be applicable for the actual energy consumed by the open access consumers in case of availing default supply from incumbent licensees. The standby charges shall be the average rate (including both fixed and energy charges) of the category applicable to the consumer.

By Order of the Commission

Sd/-
Secretary

Annexure - A

ToD Tariff applicable for EHT, HT and LT industrial consumers (with connected load of and above 20KW) Consumers

The ToD tariff applicable for EHT, HT and LT industrial consumers (with connected load of and above 20 kW) for energy consumption with effect from 01.05.2013 is given below:

	Rates (% of Ruling Charges)		
	Normal period (6:00 hrs to 18:00 hrs)	Peak period (18:00 hrs to 22:00 Hrs)	Off peak (22:00 hrs to 6:00 hrs)
Energy Charges	100%	150%	75%

Differential Pricing of Demand charges is withdrawn from 01.05.2013

Billing of the demand charges:

Monthly Demand Charge shall be:

Billing Demand during the month x Ruling Demand Charge per kVA

Billing of Energy charges:

The billing of the energy charge for HT&EHT consumers shall be done as follows

- Normal time: *Consumption during normal time x ruling energy rate / unit.*
- Peak time: *Consumption during peak time x ruling energy rate / unit x 1.50*
- Off-peak time: *Consumption during off-peak time x ruling energy rate/unit x 0.75*

Total energy charge during a month = (a) + (b) + (c)

Note:

Detailed billing procedure for ToD tariff for LT-IV Industrial, HT & EHT consumers is enclosed as Annexure-E.

Other conditions:

- Ruling demand/energy charges shall be the normal period demand/energy charges as per notified tariff.
- Ruling demand/energy charges for LT industrial consumers with a connected load of and above 20KW, shall be as per the rates given below:

Demand charges Rs. 100 per kVA per month

Energy Charges 470 paise /unit for LT IV (A) consumers and 510 paise/Unit for LT IV (B) consumers.

- Demand charges during a particular month shall be assessed based on the recorded maximum demand during that month or 75% of the contract demand whichever is higher.
- Excess demand charges: Additional demand charges shall be levied if the recorded maximum demand exceed the contract demand during normal period and peak period, which shall be charged at 50% extra for the excess over contract demand (ie., additional demand during normal/peak period x ruling demand charges x 0.5). Additional demand charges during off-peak period shall be levied only if the recorded maximum demand during off peak period is in excess of 130% of the contract demand.
- For the consumption of electricity during normal period ie 6.00 hrs to 18.00 hrs the demand/energy charges shall be at the notified rates applicable to the consumer category.

Annexure - B

Power factor incentive / disincentive

The following incentive and disincentive shall be applicable to LT industrial consumers with a connected load of and above 20 kW, HT&EHT Consumers for power factor improvement

Power factor range	Incentive
Power factor between 0.9 to 1.00	0.25% of energy charges for each 0.01 unit increase in power factor from 0.9
Power factor range	Disincentive
Power factor below 0.90	1% energy charge for every 0.01 fall in power factor from 0.90

ANNEXURE - C

Recommended values of Static capacitor in kVAR for power factor improvements

A. Induction Motors (LT)

Sl.No.	Total Motor Rating (HP)	KVAR rating of capacitors insisted	Sl.No.	Total Motor Rating (HP)	KVAR rating of capacitors insisted
1	Upto 3	1	8	Above 25 up to 30	10
2	Above 3 up to 5	2	9	Above 30 up to 40	12
3	Above 5 up to 7.5	3	10	Above 40 up to 50	14
4	Above 7.5 up to 10	4	11	Above 50 up to 60	18
5	Above 10 up to 15	5	12	Above 60 up to 80	22
6	Above 15 up to 20	6	13	Above 80 up to 100	25
7	Above 20 up to 25	7.5	14	Above 100 up to 130	35

B. WELDING TRANSFORMERS (LT)

Sl.No.	Rating of welding trans-formers in KVA	KVAR rating of capacitors insisted	Sl.No.	Rating of welding trans-formers in KVA	KVAR rating of capacitors insisted
1	1	1	16	16	12
2	2	2	17	17	13
3	3	2	18	18	13
4	4	3	19	19	14
5	5	4	20	20	15
6	6	4	21	Above 20 up to 22	16
7	7	5	22	Above 22 up to 24	17.5
8	8	6	23	Above 24 up to 26	18
9	9	7.5	24	Above 26 up to 28	20
10	10	7.5	25	Above 28 up to 30	21
11	11	8	26	Above 30 up to 35	24
12	12	9	27	Above 35 up to 40	27.5
13	13	10	28	Above 40 up to 45	32.5
14	14	10	29	Above 45 up to 50	35
15	15	11			

Annexure - D

ToD Tariff for Domestic Consumers

Applicable to domestic consumers who consume more than 500 Units / month.

	Normal Period (6 hrs to 18 hrs)	Peak Period (18 hrs to 22 hrs)	Off Peak Period (22hrs to 06 hrs)
Charges for consumption above 500 Units/Month	100% (Rs 7.00/Unit)	120% (Rs 8.40/Unit)	90% (Rs 6.30/Unit)

Note

1. The above rates shall be effective from 01-05-2013
2. Six months consumption shall be monitored from normal bi-monthly readings during January / February and July / August every year. If the average monthly consumption for first or second half of the year is above 500 Units, the consumer will be brought under ToD system after installing ToD meter in the premises.
3. ToD based billing will be done whenever the monthly consumption exceeds 500 Units. If the consumption falls below 500 Units/month in any month, slab based billing shall be followed.

Annexure - E

Billing Procedures for ToD tariff for LT -IV Industrial, HT & EHT consumers.

1. Demand Charges (DC)

- (i) The recorded maximum demand during normal time zone (T1) from 06.00 hrs to 18.00 hrs = RMD1
- (ii) The recorded maximum demand during peak time (T2) from 18.00 hrs to 22.00 hrs = RMD2
- (iii) The recorded maximum demand during off- peak time (T3) from 22.00 hrs to 06.00 hrs = RMD3
- (iv) Recorded Maximum demand during a billing period,
RMD= RMD1, RMD2 or RMD3 whichever is higher.
- (v) The Contract Demand (kVA) = CD
- (vi) The Ruling Demand Charge (Rs/kVA) = D
- (vii) Billing Demand, BMD = RMD or 75% of the CD whichever is higher.
- (viii) Demand Charge, DC = BMD x D
- (ix) **Excess Demand for LT, HT& EHT consumers in each time zone shall be**
 - (a) in Time Zone (T1), ED1 = (RMD1-CD)
 - (b) in Time Zone (T2), ED2 = (RMD2-CD)
 - (c) in Time Zone (T3), ED3 = {RMD3-(1.30x CD)}
- (x) **Excess Demand Charge (ED)** = Excess demand ED1, ED2 or ED3
whichever is higher x 0.50 X D
- (x) **Total Demand Charge (DC)** = DC + ED

2. Energy Charges (EC)

- (i) The energy consumption in Time Zone (T1) = X1
- (ii) The energy consumption in Time Zone (T2) = X2
- (iii) The energy consumption in Time Zone (T3) = X3
- (iv) The Ruling Energy Charge(Rs/unit) = E
- (v) Energy Charges in each time zone shall be :
 - (a) in Time Zone (T1), Ec1 = X1 x E
 - (b) in Time Zone (T2), Ec2 = X2 x E x 1.5
 - (c) in Time Zone (T3), Ec3 = X3 x E x 0.75
- (vi) **Total Energy Charge (EC) = Ec1+Ec2+Ec3**

3 Total Monthly Charges = DC + EC

Annexure - F

OPTIONAL DEMAND BASED TARIFF

- Eligibility : Optional Scheme for LT VII (A) &(C) Commercial and LT VIII General having connected load equal or above 20 kW.
- Billing demand : Recorded maximum demand or 75% of the contract demand whichever is higher
- Demand charges: Based on Rs./kVA of billing demand as per tariff mentioned in the table below.

Consumer Categories	<i>Tariff</i>
	<i>Rs./kVA of billing demand per month</i>
LT VII(A) (Commercial) and LT VIII(General)	192
LT VII(C) (Commercial)	161

Energy Charges: Existing energy charges of respective categories shall apply.

Other conditions

- The tariff shall be effective from 01.05.2013
- Consumers who opt for maximum demand based tariff have to install ToD compliant meters at their cost. Meters may be arranged by KSEB or the Consumers. If the consumers provide meters, it has to be got tested at KSEB's lab or at Electrical Inspectorate. It will be the responsibility of KSEB to ensure the accuracy of the meters after proper testing.
- For those who opt for maximum demand based tariff, the contract demand shall be treated as connected load.
- The consumers who opt for maximum demand based tariff shall declare the contract demand in kVA by executing a supplementary agreement showing the contract demand and details of connected load in their premises.
- The consumers who opt for the new system may be allowed to revise upwards or downwards the declared contract demand within six months from the date of option without any conditions or charges. After this, the usual terms and conditions shall be applicable for changing contract demand.

- The Billing demand shall be the recorded maximum demand or 75% of the contract demand which ever is higher. In case the billing demand exceeds the contract demand, excess demand shall be charged 50% extra.
- The above scheme (optional demand based tariff) shall be effective till ToD tariff is made compulsory.

By order of the Commission

Sd/-
Secretary

**KERALA STATE ELECTRICITY REGULATORY COMMISSION
THIRUVANANTHAPURAM**

**SCHEDULE OF TARIFF AND TERMS AND CONDITIONS
FOR BULK SUPPLY TO LICENSEES BY KSEB**

WITH EFFECT FROM 01-05.2013
(vide Order dated 27.05.2013 on OP No. 2 of 2013)

Unless the context otherwise requires, the 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 shall have the meaning respectively assigned to them in the Acts and Regulations mentioned above.

The tariff mentioned in this schedule shall apply to the Licensees who avail energy through High Tension or Extra High Tension systems at their terminal notwithstanding anything to the contrary contained in any agreement earlier entered into with any Licensee by Kerala State Electricity Board/Government or any of the Tariff Regulations and/or rules and/or orders previously issued.

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

The rates are subject to further revision, with the approval of the Commission ,as and when the cost of internal generation increases, and/or the cost of power purchased from other agencies in the State increases, and/or the cost of imported power and/or fuel cost adjustment price payable for imported energy increases beyond the present level.

The tariff applicable will be two part tariff as under:-

Name of Licensees	Demand Charges (Rs./ kVA of Billing Demand per month)	Energy Charges (Paise per unit)
KINESCO POWER & UTILITIES (P) LIMITED	300	475
COCHIN SPECIAL ECONOMIC ZONE	300	440
RUBBER PARK INDIA (P) LIMITED	300	455
TECHNOPARK	300	485
COCHIN PORT TRUST	300	505
THRISSUR CORPORATION	300	440
KANAN DEVAN HILLS PRODUCE COMPANY LIMITED	300	380
MILITARY ENGINEERING SERVICE	350	445
PONDICHERY ELECTRICITY DEPARTMENT	350	445
KARNATAKA ELECTRICITY BOARD	350	445

Note: - Billing Demand shall be the recorded Maximum Demand for the month in kVA or 75% of Contract Demand whichever is higher.

Special Conditions

1. The installation and maintenance of meters shall be strictly in accordance with the provisions of the Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006
2. For billing purpose each point of supply shall be treated as a separate consumer.
3. ToD tariff shall be applicable to HT, EHT and LT consumers of the respective licensees as per the terms and conditions mentioned in the respective schedule.

By order of the Commission

Sd/-
Secretary

