

KERALA STATE ELECTRICITY REGULATORY COMMISSION

THIRUVANANTHAPURAM

SCHEDULE OF TARIFF AND TERMS AND CONDITIONS FOR RETAIL SUPPLY OF ELECTRICITY BY KERALA STATE ELECTRICITY BOARD LIMITED AND ALL OTHER LICENSEES WITH EFFECT FROM 16.08.2014 to 31.03.2015

(Vide order dated 14-08-2014 in OP No. 9 of 2014)

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

The tariff mentioned in this schedule shall apply to consumers to whom the Kerala State Electricity Board Limited or other distribution licensee has undertaken or undertakes to supply electricity, notwithstanding anything to the contrary contained in any agreement entered into with any consumer earlier by the Kerala State Electricity Board, or other distribution licensees or Government of Kerala or 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 cess, 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 payable as per the tariff mentioned in this Schedule.

PART A - 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 Kerala State Electricity Board Limited and other distribution licensees in the State. The voltage limits specified for low tension supply are however subject to the variations allowed under the provisions of the Kerala Electricity Supply Code, 2014.

General Conditions

1. The minimum charge payable by all LT consumers other than the consumers in the category of LT-VI General (D) shall be the fixed charge of respective category. Minimum charge applicable to the category LT –VI General (D) shall be as specified under the tariff for that category.
2. All LT Industrial (both LT-IV (A) and LT-IV (B) consumers) and LT Agricultural consumers shall install static capacitors with ISI certification for power factor improvement, as specified in Annexure C attached to this schedule and obtain the approval of the licensee.
3. For LT industrial and agricultural consumers who have not installed capacitors with ISI certification of specified value, the fixed charge and energy charge shall be higher by 20% of the tariff applicable to the respective categories.

4. For the consumers using welding sets without installing capacitors with ISI certification of specified value, the fixed charge and energy charge shall be higher by 30% of the tariff applicable to the respective categories.
5. In the event of static capacitor becoming faulty or unserviceable, the consumer shall forthwith intimate the matter to the officer in charge of the electrical section / Sub-division of Kerala State Electricity Board Limited or to the concerned officer in the case of other distribution licensees and the consumer shall replace such faulty or unserviceable capacitors within one month or such other time limit stipulated by the concerned officer of the licensee.
6. If the capacitor is not replaced or put back into service duly repaired and to the satisfaction of the concerned officer of Kerala State Electricity Board Limited or of other distribution licensees, as the case may be, within one month or such other time limit as stipulated by the concerned officer of the licensee, enhanced charges as per clauses 3 or 4 above shall be payable for the whole period during which the capacitor remains faulty or unserviceable.
7. The consumers, other than those in LT-IV Industry and LT-V Agriculture categories, who have segregated their power load and lighting load may install static capacitors with ISI certification for power factor improvement as specified in the Annexure A to this schedule and obtain approval of the concerned officers of Kerala State Electricity Board Limited or of other licensees, as the case may be.

Such consumers other than those in LT-IV Industry and LT-V Agriculture category who install capacitors as specified above shall be eligible for a rebate at the rate of 5% on the energy charges. The rebate shall be allowed for consumption from the billing month succeeding the month in which the approval has been obtained for the capacitors installed by the consumer. No rebate is admissible on the fixed charges.

8. Power supply for common facilities such as fire control, common lighting, lifts, water pumping, sewage treatment, waste disposal, etc. in residential apartment complexes and in individual houses shall be billed at domestic tariff.
9. Power supply for common facilities in the high rise buildings for the occupation by consumers in LT-VI or in LT-VII categories shall be charged at the respective tariffs for such categories. When there is a combination of occupation of different categories of consumers, common facilities shall be charged at the highest of LT-VI or LT-VII tariff applicable to such categories.
10. Power supplies to common facilities in high rise buildings mainly for domestic occupation shall be under the domestic tariff if the connected load other than for domestic purpose, is less than 5% of the total load.
11. ToD tariff shall be applicable to LT-IV Industrial consumers having connected load of and above 20 kW and to LT-I domestic consumers (3 Phase) having monthly consumption above 500 units. The charges and other terms & conditions for ToD tariff shall be as per Annexure 'D & E' to this schedule.
12. Optional Demand Based Tariff can be availed by consumers under LT VI General(A), LT VI General (B), LT VI General (C), LT VI General (E), LT VI General (F), LT VII Commercial (A) and LT VII Commercial (C) as per conditions in Annexure – F to this schedule.

LOW TENSION – I- DOMESTIC (LT- I)

The tariff applicable to supply of electrical energy for domestic purpose (both single phase and three phase)

LOW TENSION – I- DOMESTIC (LT- I)		
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	This rate is applicable only to consumers belonging to below poverty line (BPL) category with connected load of and below 1000 watts.
0-50 units	280 paise per unit	Telescopic
51-100 units	320 paise per unit	
101-150 units	420 paise per unit	
151-200 units	580 paise per unit	
201-250 units	700 paise per unit	
0-300 units	500 paise per unit	Non-Telescopic
0-350 units	570 paise per unit	
0-400 units	610 paise per unit	
0-500 units	670 paise per unit	
Above 500 units	750 paise per unit	

Note1. Fixed charges shall not be applicable to consumers belonging to below poverty line (BPL) category with connected load of and below 1000 watts.

Note2. The minimum electricity charges payable during the period of disconnection shall be at the following rates:

Single phase – Rs. 20 per consumer per month

Three Phase – Rs. 60 per consumer per month

Note 3. Home stay units approved by Department of Tourism shall be billed under LT-I domestic.

Note 4. Domestic consumers shall be allowed to utilize electrical energy in a portion of their residence for their own use for purposes other than domestic if the connected load for purposes other than for domestic, in their premises does not exceed 20% of the total connected load or 1000 Watts whichever is less. When connected load other than for domestic use in such cases exceeds 20% of the total connected load or 1000 Watts whichever is less, such loads shall be segregated and separate service connection shall be obtained under appropriate tariff. When this is not done, the tariff applicable to the whole service connection shall be at the appropriate tariff applicable to the connected load used for purposes other than domestic, if such tariff is higher than the tariff for LT-I category.

LOW TENSION – II COLONIES (LT- II)

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 Kerala State

Electricity Board Limited or by other licensees for domestic use in staff quarters, street lighting and pumping water for domestic use, colonies of universities, colonies of State / Central Government Departments and of public institutions like companies / boards / corporations under State /Central Government, colonies of hospitals therein, colonies of Railways, Bharat Sanchar Nigam Limited (BSNL), All India Radio (AIR) and Doordarshan and private colonies.

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

Low Tension – III (A) Temporary connections {LT III(A)}

Tariff applicable for single or three phase temporary connections for purposes such as illumination, exhibition, festivals, public meeting and fairs.

LT – III (A) 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 or Government educational institutions or recognized private educational institutions;*
- (b) *festivals of religious worship centres for illumination, public address system and security lighting. (This concession is limited to the energy availed by the religious worship centres and not by other agencies who function in the premises of religious worship centers where festival is being organized).*

LOW TENSION – III (B) - TEMPORARY EXTENSIONS {LT III (B)}

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. Energy charges shall be recovered from the consumer wherefrom extension is availed, at the tariff applicable to him.

LOW TENSION IV - INDUSTRY (LT- IV)

(a) LT- IV (A) – INDUSTRY

Tariff applicable for general purpose industrial loads (single or three phase) which include manufacturing units, 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 including presses engaged in printing dailies, 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, 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), 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, dairy, processing of milk by pasteurization and its storage and packing, soda manufacturing units, plantations of cash crops, all non-agricultural pumping, drinking water pumping for public by Kerala Water Authority, corporations, municipalities and panchayats, electric crematoria, pyrolators installed by local bodies.

LT - IV (A) INDUSTRY	
(a) Fixed Charge	
(i) Connected load of and below 10 kW (Rs. per consumer per month)	100
(ii) Connected load above 10kW (Rs. per kW or part thereof per month)	60
(iii) Connected load above 20 kW (Rs. per kVA or part thereof per month)	125
(b) Energy Charge (Paise/kWh)	520

Note: 1.- Workshops with automobile service stations shall segregate the

workshop load for availing the benefit of industrial tariff. If loads are not segregated the charges shall be realized at the rates applicable to automobile service stations.

Note : 2.- General conditions relating to installation of capacitors will apply.

LOW TENSION – IV (B) – IT and IT Enabled Services. {LT IV (B)}

Tariff applicable to Information Technology (IT) and IT enabled services including Akshaya-e-centres, computer consultancy services units, software services, data processing activities, desktop publishing (DTP), software development units and such other IT enabled services, but excluding call centers.

LT - IV (B) IT and IT Enabled Services	
(a) Fixed Charge	
(i) Connected load of and below 10kW (Rs. per consumer per month)	100
(ii) Connected load above 10 kW (Rs. per kW or part thereof per month)	60
(iii) Connected load above 20 kW (Rs. per kVA or part thereof per month)	125
(b) Energy Charge (Paise/kWh)	580

Note: General conditions relating to installation of capacitors will apply.

LOW TENSION - V- AGRICULTURE (A) {LT- V (A)}

(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	8
Energy Charge (Paise/kWh)	200

Note: - General conditions relating to installation of capacitors will apply.

(b) LOW TENSION – V - AGRICULTURE (B) {LT -V (B)}

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, cheenavala consumers without fish farming and egger nurseries.

LT - V (B)- Agriculture	
Fixed Charge Rs. per kW or part thereof per Month	8
Energy Charge (Paise/kWh)	250

Note: General conditions relating to installation of capacitors will apply.

LOW TENSION –VI GENERAL (A) {LT- VI (A)}

Tariff applicable to government or aided educational institutions; libraries and reading rooms of government or aided educational institutions; Government hospitals; X-Ray units, laboratories, blood banks, mortuaries and such other units attached to the government hospitals; blood banks of IMA or of local self Government Institutions; private hospitals and charitable institutions registered under Travancore - Cochin Literary, Scientific and Charitable Societies Registration Act, 1955, the donations to which are exempted from payment of Income Tax; premises of religious worship; institutions imparting religious education and convents; poly clinics under Ex-servicemen Contributory Health Scheme (ECHS).

LT - VI GENERAL (A)	
(a) Fixed Charge (Rs. per kW or part thereof per Month)	50
(b) Energy Charge (Paise/kWh)	
(i) Of and Below 500 kWh	550
(ii) Above 500 kWh	630

LT- VI GENERAL (B)

The tariff applicable to offices and institutions under State or Central Government or Local Self Government; Corporations; Boards under State or Central Government; Kerala Water Authority (KWA); Kerala State Road Transport Corporation (KSRTC); Kerala State Water Transport Corporation (KSWTC); hostels

of educational institutions affiliated to Universities or under the control of the Director of Technical Education or Director of Medical Education or Director of Public Instruction or such other offices of government; hostels run by the State or Central Government; hostels run by State Social Welfare Board; hostels run by institutions that are registered under Cultural, Scientific and Charitable Societies Act, the donations to which are exempted from payment of Income Tax; village offices; Government Treasuries; Pay wards and institutions of Kerala Health Research and Welfare Society (KHRWS); travelers bungalows, rest houses and guest houses under government; type writing institutes; offices of advocates or chartered accountants or company secretary or consulting engineers or tax consultants or architects or cost accountants or of management consultants; social organizations; museum and / or zoo; offices of political parties not approved by the Election Commission of India; collection centres of 'FRIENDS'; single window service centres under Department of Information Technology; all post offices including extra departmental (ED) post offices; micro financing institutions registered and functioning as per the guidelines issued by Reserve Bank of India; Police Clubs, cameras at traffic signal points; offices of service pensioners' associations.

LT - VI GENERAL (B)	
(a) Fixed Charge (Rs. per kW or part thereof per Month)	70
(b) Energy Charge (Paise/kWh)	
Of and below 500 kWh	630
Above 500 kWh	700

LT- VI GENERAL (C)

Tariff applicable to offices or institutions under Income Tax or Central Excise and Customs Departments, offices under Motor Vehicles Department or Sales Tax department or Excise Department; offices of all other tax earning departments under State or Central Government (other than Local Self Government Institutions); Offices of Department of Posts excluding post offices and ED post offices; light houses; pawn brokers; banking and / or financing institutions (excluding micro financing institutions registered and functioning as per the guidelines issued by Reserve Bank of India); ATM counters; offices of Railways including railway stations; offices of Airport Authority of India except airport; offices of Sub-Registrars; and any other LT categories not included in this schedule.

LT - VI GENERAL (C)	
(a) Fixed Charge (Rs. per kW or part thereof per Month)	180
(b) Energy Charge (Paise/kWh)	
(i) Of and below 500 kWh	700
(ii) Above 500 kWh	850

LT- VI GENERAL (D)

Tariff applicable to orphanages; anganwadis; schools and hostels for differentially abled or physically challenged persons (including mentally retarded students, deaf/dumb/blind/physically handicapped persons), old age homes, Cheshire homes; SoS Childrens' Villages; polio homes; cancer and / or palliative care centres; HIV rehabilitation centres; charitable hospital guidance centres registered under the Travancore - Cochin Literary, Scientific and Charitable Societies Registration Act, 1955, donations to which are exempted from Income Tax and other similar charitable institutions recognized by the Government; shelters exclusively for orphaned animals and birds run by charitable institutions registered under the Travancore - Cochin Literary, Scientific and Charitable Societies Registration Act, 1955.

LT - VI GENERAL (D)	
(a) Fixed Charge	Nil
(b) Energy Charge (Paise/kWh)	180

The minimum charge payable, including 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 GENERAL (E)

Tariff applicable to sports and / or arts clubs (with connected load not exceeding 2000 W);; sailing and / or swimming clubs (with connected load not exceeding 2000 W);; gymnasium (with connected load not exceeding 2000 W); libraries and reading rooms other than those of educational institutions; press clubs; offices of political parties approved by Election Commission of India; e-toilet and public comfort stations and the following water supply schemes solely for domestic purposes namely:

- (i) water supply schemes under Jalanidhi, Jaladhara or Swajaladhara Projects;
- (ii) water supply schemes coming under water supply societies or under beneficiary committees;
- (iii) water supply schemes for Scheduled Caste (SC) and / or Scheduled Tribe (ST);
- (iv) water supply schemes for Laksham Veedu Settlements taken over and managed by Local Self Government Institutions;
- (v) social drinking water supply schemes established using local area development funds of Members of Legislative Assembly (MLA) and / or Members of Parliament (MP);
- (vi) social drinking water supply schemes established using funds of Local Self Government Institutions;
- (vii) social drinking water supply schemes under Peoples Participatory Schemes (PPS);
- (viii) Rajeev Gandhi Drinking Water Schemes managed by beneficiary groups.

LT VI GENERAL (E)		
(a) Fixed charges (Rs. per consumer per month)		
(i) Single phase		20
(ii) Three phase		60
(b) Energy Charges		
Monthly Consumption Slabs	Rates (paise per kWh)	Remarks
(i) of and below 50 units	280	Non-telescopic
(ii) of and below 120 units	380	
(iii) of and below 200 units	450	
(iv) Above 200 units	630	

Note: 1.- The method for billing for the above mentioned water supply schemes solely for domestic purpose shall be as specified hereunder. The total monthly consumption of electricity for the water supply to all the beneficiaries in the group shall be divided by the number of beneficiary households and the demand for electricity charges payable by individual household shall be prepared based on the average monthly consumption per household applying the above tariff.

Note: 2.- Anganwadies, if any, availing drinking water from the above water supply schemes shall also be considered as a beneficiary availing the water supply for domestic purpose and the benefit of the scheme can be extended to them.

LT VI GENERAL (F)

Private hospitals, private clinics, private clinical laboratories, private X-ray units, private mortuaries, private blood banks, private scanning centers, computer training institutes, self- financing educational institutions (including hostels), private coaching or tuition centres, cinema studios, Audio/video cassette recording/duplication units, CD recording units, all construction works, installations of cellular mobile communications, satellite communications, offices and / or exchanges of telecom companies, offices or institutions of All India Radio (AIR), offices or institutions of Doordarshan and other Television broadcasting companies, cable TV networks, radio stations, insurance companies, call centers, cinema dubbing and animation studios, hall marking centres.

LT VI GENERAL (F)	
Fixed charge (Rs/ kW per month)	
Single Phase	60
Three phase	120
Energy Charge (paise per unit)	
0 to 100 units per month	580
0 to 200 units per month	650
0 to 300 units per month	720
0 to 500 units per month	780
above 500 units per month	900

LOW TENSION - VII – COMMERCIAL (A) {LT- VII (A)}

Tariff for commercial consumers such as shops, other commercial establishments for trading, showrooms, display outlets, business houses, hotels and restaurants (having connected load exceeding 1000 W), private lodges, private hostels, private guest houses, private rest houses, private travelers bungalows, freezing plants, cold storages, milk chilling plants, bakeries (without manufacturing process), petrol/diesel/ LPG /CNG bunks, automobile service stations, computerized wheel alignment centres, marble and granite cutting units, LPG bottling plants, house boats, units carrying out filtering and packing and other associated activities using extracted oil brought from outside, share broking firms, stock broking firms, marketing firms.

LT VII Commercial (A)		
(a) Fixed charge (Rs/ kW per month)		
(i) Single Phase	60	
(ii) Three phase	120	
(b) Energy Charge (paise per unit)		
(i) Of and below 100 units per month	600	Non-telescopic
(ii) Of and below 200 units per month	670	
(iii) Of and below 300 units per month	740	
(iv) Of and below 500 units per month	800	
(v) Above 500 units per month	930	

LT- VII COMMERCIAL (B)

Tariff applicable to commercial consumers such as shops, bunks, hotels, restaurants, telephone / fax / e-mail / photocopy booths and internet cafes having connected load of and below 1000 Watts.

When connected load of the above mentioned consumers exceeds 1000 Watts, such consumers shall be charged under LT -VII (A) tariff. If monthly consumption of LT- VII (B) consumers having connected load of and below 1000 Watts, exceeds 300 units, the energy charges shall be realized at the rate of energy charges applicable to LT -VII (A) consumers.

LT - VII Commercial (B)		
(a) Fixed Charge (Rs. per kW or part thereof) Month	40	
(b) Energy Charge (Paise/kWh)		
(i) 0 to 100 units	470	Non-telescopic
(ii) 0 to 200 units	570	
(iii) 0 to 300 units	630	

LT- VII COMMERCIAL (C)

Tariff applicable to cinema theatres; circus; sports and arts clubs, sailing or swimming clubs and gymnasium having connected load exceeding 2000W.

LT - VII Commercial (C)		
(a) Fixed Charge (Rs. per kW or part thereof) Month	90	
(b) Energy Charge (Paise/kWh)		Non-telescopic
(i) Of and below 1000 kWh	590	
(ii) Above 1000 kWh	730	

LOW TENSION – VIII PUBLIC LIGHTING (LT- VIII)

LT – VIII (A) Unmetered street lights {LT VIII (A)}

Tariff applicable to various categories of unmetered public lighting per lamp.

LT – VIII (A) – Composite Tariff for Unmetered Street Lights				
TYPE OF LAMP		Rs/Lamp/Month		
		Burning Hours per day		
	Watts (W)	4 Hours	6 Hours	12 Hours
Ordinary	40	20	31	61
Ordinary	60	31	46	94
Ordinary	100	51	78	155
Fluo tube	40	20	31	61
Fluo tube	80	41	61	124
Floodlight	1000	518	776	1553
MV Lamp	80	47	65	132
MV Lamp	125	69	104	206
MV Lamp	160	89	132	265
MV Lamp	250	138	206	414
MV Lamp	400	221	330	661
SV Lamp	70	39	59	116
SV Lamp	80	44	65	132
SV Lamp	100	55	82	165
SV Lamp	125	69	104	206
SV Lamp	150	82	124	247
SV Lamp	250	138	206	414
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

LT – VIII (A) – Composite Tariff for Unmetered Street Lights				
TYPE OF LAMP		Rs/Lamp/Month		
		Burning Hours per day		
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	0	0	1982
SV Lamp on semi high mast only for 12 hrs burning per day	250	0	0	414

**LT – VIII (B) METERED STREET LIGHTS AND TRAFIC SIGNAL LIGHTS
{LT-VIII (B)}**

Tariff applicable for metered street lights and tariff signal lights.

LT – VIII (B) Tariff for Metered Street Lights and Traffic Signal Lights	
(a) Fixed charge (Rs/ meter/month)	30
(b) Energy Charge (paise per unit)	360

Note: 1.- When public lighting is to be done after extension of lines, the beneficiaries shall pay the cost of the work as per the cost data approved by the Commission.

Note: 2.- In campuses where lines and lights are provided by the beneficiary, LT metered supply shall be provided at 360 paise /kWh plus fixed charge of Rs.30 per meter per month subject to other conditions regarding the payment of cost of the work.

Note: 3.- Supply to light houses when taken from the street mains of Kerala State Electricity Board Limited or any other licensee will be charged at appropriate public lighting tariff. Where metered independent supply is provided at low tension, the rate applicable will be 360 paise/kWh plus fixed charge at Rs.30 per meter per month and subject to other conditions regarding payment of cost of the work.

Note: 4.- In areas where low tension distribution lines of Kerala State Electricity Board Limited and other licensees exist, metered supply shall be given by the respective licensee for special type of lamps, for which the rates are not given in the table above, provided the lamps are installed and

maintained by the local bodies at their cost. The tariff applicable in such cases shall be 360 paise per unit plus fixed charge at Rs 30/- per meter per month, subject to other conditions regarding payment of cost of the work.

Note: 5.- Separate charges shall not be collected from the consumers towards service charges for street lighting.

Note: 6.- Electricity duty is not payable for public lighting as per the provisions of Kerala Electricity Duty Act, 1963.

LT IX : DISPLAY LIGHTING AND HOARDINGS

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

LT - IX Display Lighting and Hoardings	
(a) Fixed Charge (Rs. per Connection per month)	500
(b) 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 or other category of consumers is allowed to be charged at same tariff applicable to the category to which such consumers belong.

PART B – HIGH TENSION (HT) AND EXTRA HIGH TENSION (EHT) 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 charge 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 HT /EHT (Industrial) consumers, the applicable tariff shall be subject to the following conditions:
 - 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 of 5%, 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 20 paise extra per kWh for HT and 10 paise extra per kWh for EHT consumers.
- b. Colony Supply: Colony supply, when availed from the HT / EHT supply of the consumer, such supply shall be segregated and metered by means of a sub-meter and the consumption will be charged at 20 paise extra per kWh for HT and 10 paise extra per kWh for EHT consumers.
 - c. If no segregation is made as specified in clauses (a) or (b) above, the bill amount of the consumer shall be increased for demand and energy charges by 10% for both HT and EHT consumers.
8. Power factor incentives/penalties as per Annexure - B shall be applicable to all HT and EHT consumers.
 9. In the case of Deemed HT Consumers, the tariff applicable shall be demand charges of respective HT category and energy charge of respective LT category.

TARIFF FOR HIGH TENSION (HT) CONSUMERS

This tariff shall be applicable to all high tension consumers to whom the Kerala State Electricity Board Limited or other licensees 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 variation indicated in the agreement with the Kerala State Electricity Board Limited or other licensees or the variation allowed under the Kerala Electricity Supply Code, 2014.

HIGH TENSION- I - INDUSTRY (A) {HT- I (A)}

Tariff applicable to general purpose industrial load of all classes of consumers listed in LT-IV (A) category availing supply of electricity at high tension.

HIGH TENSION- I - INDUSTRY (A)	
(a) Demand Charge (Rs./kVA of Billing Demand/Month)	300
(b) Energy Charge (Paise/kWh)	520

HIGH TENSION-I - IT and IT Enabled Services {HT – I (B)}

Tariff applicable to of all classes of consumers listed in LT-IV (B) category availing supply of electricity at high tension.

HIGH TENSION-I - IT and IT Enabled Services	
(a) Demand Charge (Rs./kVA of Billing Demand/Month)	300
(b) Energy Charge (Paise/kWh)	560

HIGH TENSION - II - GENERAL (A) {HT – II (A)}

Tariff applicable to all classes of consumers listed in LT-VI (A), LT-VI (B), LT-VI (C), and LT-VI (E) categories availing supply of electricity at high tension.

HIGH TENSION - II - GENERAL (A)	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	350
(b) Energy Charge (Paise/kWh)	510

HIGH TENSION – II - GENERAL (B) {HT –II (B)}

Tariff applicable to all classes of consumers listed in LT-VI (F) category availing supply of electricity at high tension.

HIGH TENSION – II - GENERAL (B)	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	400
(b) Energy Charge (Paise/kWh)	
(i) Of and below 30,000 units	620
(ii) Above 30,000 units	720

HIGH TENSION –III AGRICULTURE (A) –{HT – III (A)}

Tariff applicable to the classes of agricultural consumers listed in LT-V (A) category, availing supply of electricity at high tension.

HIGH TENSION –III AGRICULTURE	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	170
(b) Energy Charge (Paise/kWh)	280

HIGH TENSION - III AGRICULTURE (B) – (HT – III (B))

Tariff applicable to classes of agricultural consumers listed in LT-V (B) category, availing supply of electricity at high tension.

HIGH TENSION - III AGRICULTURE (B)	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	170
(b) Energy Charge (Paise/kWh)	330

HIGH TENSION – IV COMMERCIAL (HT – IV)

Tariff applicable to all classes of commercial consumers listed in LT-VII (A) and LT-VII (C) categories availing supply of electricity at high tension.

HIGH TENSION – IV COMMERCIAL (HT – IV)	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	400
(b) Energy Charge (Paise/kWh)	
(i) Of and below 30,000 units (All units)	630
(ii) Above 30,000 units (All units)	730

HIGH TENSION – V DOMESTIC (HT – V)

Tariff applicable to domestic consumers and colonies availing supply of electricity at high tension.

HIGH TENSION – V DOMESTIC (HT – V)	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	350
(b) Energy Charge (Paise/kWh)	550

Note: The HT domestic connection shall be effected 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. The consumer shall maintain the transformer and allied equipment at his cost in such cases.*

HIGH TENSION –VI -SEASONAL CONSUMERS (HT – VI)

1. HT consumers with seasonal load shall register themselves with the Kerala State Electricity Board Limited or other licensees as seasonal consumers for the purpose for which electricity is used. They shall be billed under appropriate tariff applicable to the category to which they belong, 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 Kerala State Electricity Board Limited or other licensees as a seasonal consumer, specifies 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 be 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 applicable to the different uses, 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 (specified seasonal usage), 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 Kerala State Electricity Board Limited or other licensees 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 charge 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.

EXTRA HIGH TENSION (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 variation indicated in the agreement with the Kerala State Electricity Board Limited or other licensees or allowed under the Kerala Electricity Supply Code, 2014.

EXTRA HIGH TENSION (EHT) INDUSTRIAL

EHT Industrial (66 kV)

Tariff applicable to general purpose industrial load at 66 KV.

EHT Industrial (66 kV)	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	300
(b) Energy Charge (Paise/kWh)	490

EHT Industrial (110 kV)

Tariff applicable to general purpose industrial load at 110 KV.

EHT Industrial (110 kV)	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	290
(b) Energy Charge (Paise/kWh)	480

EHT Industrial (220 kV)

Tariff applicable to general purpose industrial load at 220 KV.

EHT Industrial (220 kV)	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	280
(b) Energy Charge (Paise/kWh)	470

EHT COMMERCIAL (66 kV, 110 kV, 220kV)

Tariff applicable to commercial institutions availing power at EHT.

EHT Commercial (66 kV, 110 kV, 220kV)	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	400
(b) Energy Charge (Paise/kWh)	
(i) Of and below 60,000 units	610
(ii) Above 60,000 units	710

EHT GENERAL (66 kV, 110 kV, 220kV)

Tariff applicable to Indian Space Research Organisation (ISRO), utility services such as Airport, Self Financing Educational Institutions and other consumers not included in EHT Industry and EHT Commercial categories.

EHT General (66 kV, 110 kV, 220kV)	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	370
(b) Energy Charge (Paise/kWh)	
(i) Of and below 60,000 units	580
(ii) Above 60,000 units	680

RAILWAY TRACTION (110 kV)

Tariff applicable to Railway Traction

Railway Traction (110 kV)	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	250
(b) Energy Charge (Paise/kWh)	480

Annexure- A

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

The ToD tariff applicable to EHT, HT and LT industrial consumers (with connected load of and above 20 kW) for energy consumption with effect from 16.08.2014 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%

Billing of the demand charges:

Monthly Demand Charge shall be:

$$\text{Billing Demand during the month} \times \text{Ruling Demand Charge per kVA}$$

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*

$$\text{Total energy charge during a month} = (a) + (b) + (c)$$

Other conditions:

- Ruling demand/energy charges shall be the demand/energy charges for normal period as per the tariff approved in this order.
- Ruling demand/energy charges for LT industrial consumers with a connected load of and above 20KW, shall be as per the tariff approved in this order.
- 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 exceeds the contract demand during normal period and peak period, which shall be charged at 50% extra for the excess over the 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 hours to 18.00 hours 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 transformers in KVA	KVAR rating of capacitors insisted	Sl.No.	Rating of welding transformers 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% of the ruling tariff	120% of the ruling tariff	90% of the ruling tariff

Note

1. The above rates shall be effective from 16.08.2014
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 - (1.30 x 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 VI General (A), LT VI General (B), LT VI General (C), LT VI General (E), LT VI General (F), LT-VII Commercial (A) and LT VII Commercial (C) 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	Tariff
	Rs./kVA of billing demand per month
LT VI General (A), LT VI General (B), LT VI General (C), LT VI General (E), LT VI General (F), LT-VII Commercial (A) and LT VII Commercial (C)	180

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

Other conditions

- The tariff shall be effective from 16.08.2014
- 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

K. Mathew Kurien
Secretary