

## **ANNEXURE**

### **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 08.07.2019 to 31.03.2020**

**(Vide order dated in OP No. 15/2018)**

Unless the context otherwise requires, the words and expressions used in this schedule shall be as defined in the Electricity Act, 2003 or in the Regulations specified by the Kerala State Electricity Regulatory Commission and 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 shall be the fixed charge or demand charge as the case may be of the respective category even during the period of disconnection.
2. All LT Industrial (both LT-IV (A) and LT-IV (B) consumers) and LT Agricultural consumers shall, for power factor improvement, install static capacitors with ISI certification as specified in Annexure C attached to this schedule and obtain the approval of the licensee. Such consumers shall submit to the licensee, an application for approval of the capacitor, as soon as it is installed. The licensee shall communicate to the consumer, its decision about such approval or otherwise within a period of 15 days from the date of submission by the consumer, the application for approval of capacitor. If the licensee does not communicate to the consumer its decision about such approval or otherwise within a period of 15 days, it shall be deemed that the licensee has granted the required approval for the installation of the capacitor.
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. The officer of the licensee who is authorized to take meter reading shall inspect the static capacitor and ensure that it is functioning properly. If such officer notices that the static capacitor has become faulty or unserviceable, he 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, who shall issue notice to the consumer directing him to replace such faulty or unserviceable capacitor within one month or within such other time limit as stipulated by the concerned officer of the licensee. The consumer shall replace such faulty /unserviceable capacitors within the time limit as directed by the officers of the licensee.
6. If the capacitor is not replaced or put back into service duly repaired, 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 clause 3 or clause 4 above shall be payable for the whole period during which the capacitor remains faulty or unserviceable.

7. 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. Such rebate shall be allowed from the billing month succeeding the month in which the approval / deemed approval has been obtained for the capacitors installed by the consumer. No rebate is admissible on the fixed charges.
8. (a) Power supply for common facilities in high rise buildings/ apartment complex etc used exclusively for domestic (housing) purpose such as fire control, common lighting, lifts, water pumping, sewage treatment, waste disposal, offices of the residential associations in residential apartment complexes shall be billed at domestic tariff.  
(b) 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.
9. (a) Power supply for common facilities such as fire control, common lighting, lifts, water pumping, sewage treatment, waste disposal etc 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.  
(b) In the case of 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. ToD tariff shall be applicable to all LT-IV Industrial consumers (except the pumphouses of Kerala Water Authority) having connected load 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 Annexures 'A, D & E' to this schedule.
11. 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-VI General (G), LT VII Commercial (A) and LT VII Commercial (C) as per the conditions in Annexure – F to this schedule.
12. The consumers who are required to avail supply at HT and above as per the Regulation 8 of the Kerala Electricity Supply Code, 2014, but availing supply at LT, shall pay the low voltage surcharge at the following rates.

Low voltage surcharge for consumers having connected load/ contract demand above 100 kW/kVA and availing supply at LT level

Particulars	Low voltage supply
Consumers listed under LT-IV (A)	Rs 170/kVA/month
Consumers listed under LT-IV (B)	Rs 170/kVA/month
Consumers listed under LT-VI(A)	Rs 268/kW/month
Consumers listed under LT-VI(B)	Rs 253/kW/month
Consumers listed under LT-VI(C)	Rs 216/kW/month
Consumers listed under LT-VI(F)	Rs 256/kW/month
Consumers listed under LT-VI(G)	Rs 256/kW/month
Consumers listed under LT-VII (A )	Rs 256/kW/month
Consumers listed under LT-VII(C )	Rs 296/kW/month

Note. The consumers opt for 'optional demand based tariff, the low voltage surcharge shall be the difference between the demand charges at HT supply and the optional demand based tariff at LT.

#### 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)				
Monthly consumption slab	Fixed charge		Energy Charge	Remarks
	(Rs/ Consumer/ month)			
	Single phase	Three phase	(Rs/Unit)	
0-40	Nil		1.50	This rate is applicable only to BPL category with connected load of and below 1000 watts.
0-50	35	90	3.15	Telescopic
51-100	45	90	3.70	
101-150	55	100	4.80	
151-200	70	100	6.40	
201-250	80	100	7.60	
0-300	100	110	5.80	Non- Telescopic
0-350	110	110	6.60	
0-400	120	120	6.90	
0-500	130	130	7.10	
Above 500	150	150	7.90	

*Note-1. Fixed charges shall not be applicable to consumers belonging to below poverty line (BPL) category with connected load of and below 1000 watts and monthly consumption of and below 40 units.*

*Note-2. BPL family having cancer patients or permanently disabled persons as family members due to polio or accidents, and consume upto 100 units per month shall be billed @Rs 1.50/unit, provided their connected load is of and below 1000 watts.*

*Note-4. Home stay units approved as such by Department of Tourism shall be billed under LT-I domestic.*

*Note-5. 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 the 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.*

Note.6: (a) The tariff for domestic consumption by the families of the victims of endosulfan tragedy in Hosdurg and Kasaragod Taluks of Kasaragod District shall be Rs.1.50 / unit for a monthly consumption up to 150 units. If the consumption of the consumer, who is eligible for the above concession exceeds 150 units per month, the consumption in excess of 150 units will be charged at the rates specified for the slabs 151-200 units or 201-250 units as the case may be. This concession will not be available for the consumers with monthly consumption above 250 units.

(b) The consumer who is eligible for this concession granted to endosulfan victims has to submit to the officer in charge at the section office of the licensee, a certificate from the revenue authorities or

from the local self-government authority to prove his / her eligibility for this tariff concession.

*Note-7:* (a) The following water supply schemes, solely for domestic purposes shall be charged under domestic tariff.

- (i) water supply schemes under Jananidhi, 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) colonies;
- (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.

(b) The method for billing for the above mentioned water supply schemes solely for domestic purpose shall be as specified hereunder;

(c) The total monthly consumption of electricity of the units of such water supply schemes will be divided by the number of beneficiary households and the average consumption per households will be billed under LT – I domestic tariff. The amount of electricity charges assessed for the average consumption per beneficiary household will then be multiplied by the number of beneficiary households to assess the total electricity charges to be paid by the units of such schemes.

(d) 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 such community drinking water schemes shall be extended to them.

## LOW TENSION – II COLONIES (LT- II)

Tariff applicable to,-

- (i) the colonies of HT and EHT consumers,
- (ii) the colonies of universities,
- (iii) the colonies of State / Central Government Departments and of public institutions like companies / boards / corporations under State /Central Government,
- (iv) the colonies of hospitals,
- (v) the colonies of Railways, Bharat Sanchar Nigam Limited (BSNL), All India Radio (AIR) and Doordarshan and
- (vi) the private colonies,

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 any other licensee for domestic use, for street lighting or for pumping water for domestic use.

LOW TENSION – II COLONIES (LT- II)	
Fixed Charge (Rs/Month/ domestic)	Single phase- Rs 50/- Three phase Rs 100/-
Energy Charge (Rs/kWh)	Energy charge applicable to the respective industry or plantation or organization which maintains the colony

## 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 (Rs/kWh)	15.00
OR	
Daily minimum of Rs.150 /kW or part thereof of the connected load, whichever is higher	

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

- (a) the exhibitions conducted or sponsored by the Government or Local Self-Government institutions or by Government educational institutions or by Public Sector Undertakings and the exhibitions conducted by recognized private educational institutions;
- (b) festivals of religious worship centres for the 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 the premise of existing consumers.

<b>LT - III(B) Temporary extensions</b>
Fixed charges per day - Rs.65/kW or part thereof of, the temporarily 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

Note: Temporary extension shall be allowed only for a maximum period of 15 days at a time.

### **LOW TENSION IV - INDUSTRY (LT- IV)**

#### **(a) LT- IV (A) – INDUSTRY**

LT-IV (A) Industrial tariff is applicable for the general purpose industrial loads (single or three phase) which include,-

- (i) manufacturing units,
- (ii) grinding mills, flour mills, oil mills, rice mills,
- (iii) saw mills, units using electric hydraulic axe machine to break down logs into small pieces.
- (iv) ice factories,



- (v) rubber smoke houses, tyre vulcanizing/re-treading units, units manufacturing rubber sheets from latex, coconut drying units,
- (vi) workshops using power, mainly for production and/or repair,
- (vii) public waterworks, drinking water pumping for public by Kerala Water Authority, Corporations, Municipalities and Panchayats, telemetry stations of KWA, pumping water for non- agricultural purposes, sewage pumping units,
- (viii) power laundries,
- (ix) screen printing of glass ware or ceramic, SSI units engaged in computerized colour printing excluding photo studios/ colour labs.
- (x) audio/video cassette/CD manufacturing units,
- (xi) printing presses including presses engaged in printing dailies,
- (xii) bakeries (where manufacturing process and sales are carried out in the same premises)
- (xiii) diamond- cutting units, stone crushing units, granite cutting units (where boulders are cut into sheets in the same premises)
- (xiv) book binding units with allied activities,
- (xv) garment making units,
- (xvi) seafood processing units, prawn peeling and processing units, ,
- (xvii) plantations of cash crops, tea factories, cardamom drying and curing units,
- (xviii) units carrying out extraction of oil in addition to the filtering and packing activities carrying out in the same premise and under the same service connection,
- (xix) dairy, processing of milk by pasteurization and its storage and packing,
- (xx) soda manufacturing units, bottling plants/ packaging drinking water.
- (xxi) electric crematoria.

<b>LT - IV (A) INDUSTRY</b>	
<b>(a) Fixed Charge</b>	
(i) Connected load of and below 10 kW (Rs. per consumer per month)	120
(ii) Connected load above 10kW and up to 20 kW (Rs. per kW or part thereof per month)	75
(iii) Connected load above 20 kW (Rs. per kVA or part thereof per month)	170
<b>(b) Energy Charge (Rs/kWh)</b>	
Connected load of and below 10 kW	5.65
Connected load above 10kW and up to 20 kW	5.65
Connected load above 20 kW	5.75

*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, call centers, software services, data processing activities, desktop publishing (DTP), software development units and such other IT enabled services.

<b>LT - IV (B) IT and IT Enabled Services</b>	
<b>(a) Fixed Charge</b>	
(i) Connected load of and below 10kW (Rs. per consumer per month)	150
(ii) Connected load above 10 kW and up to 20kW (Rs. per kW or part thereof per month)	100
(iii) Connected load above 20 kW (Rs. per kVA or part thereof per month)	170
<b>(b) Energy Charge (Rs/kWh)</b>	
Connected load of and below 10kW	6.20
Connected load above 10 kW and up to 20kW	6.20
Connected load above 20 kW	6.25

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

## LOW TENSION - V- AGRICULTURE

### (a) LT- V AGRICULTURE (A) {LT- V (A)}

This tariff applicable to the use of electricity for:

- (1) pumping, dewatering and lift irrigation for cultivation of food crops, fruits and vegetables.
- (2) pumping, dewatering and lift irrigation for the cultivation of cash crops such as cardamom and coffee and for the cultivation of crops such as coconut, arecanut, pepper, nutmeg, cloves, cocoa and betel leaves as pure crops or as inter crops.

LT - V (A)- Agriculture	
Fixed Charge (Rs. per kW or part thereof per Month)	10
Energy Charge (Rs/kWh)	2.30

*Note: -1. General conditions relating to installation of capacitors will apply.*

*2. The electricity for pumping and lift irrigation for the cultivation of cash crops only are included under LT V(A) agriculture tariff and the electricity for general purpose industrial loads like drying, further processing, value addition etc. of plantation of cash crops shall be billed under LT IV(A) tariff.*

### (b) LT – V - AGRICULTURE (B) {LT -V (B)}

The tariff under this category is applicable to the supply of electricity for the use of the following activities such as,-

- (i) livestock farms, combination of livestock farms with dairy, poultry farms, rabbit farms, piggery farms, hatcheries,
- (ii) silk worm breeding units, sericulture,
- (iii) floriculture, tissue culture, agricultural and floricultural nurseries, mushroom culture,
- (iv) aquaculture, fish farms including ornamental fish farms, prawn farms, other aqua farms, aquarium run by the Agency for Development of Aquaculture, Kerala, and
- (v) cheenavala without fish farming and egger nurseries,

LT - V (B)- Agriculture	
Fixed Charge (Rs. per kW or part thereof per Month)	10
Energy Charge (Rs/kWh)	2.80

Note1: General conditions relating to installation of capacitors will apply.

Note-2.

LT-V (B) Agriculture tariff is applicable to the dairy farms, which have facilities for collection and storing of milk, till it is sent to the processing units, and also applicable to the primary milk producer's co-operative societies, the primary function of which is the collection of milk from the farmers and to sell the same to the processing units in bulk. This tariff will be also applicable for retail sales outlets if the connected load of sales outlets does not exceed 10% of the total connected load.

Note-3

The electricity used for running electric motors for making rubber sheets from Latex by individual farmers shall be billed under LT-V- Agriculture (B) [LT-V(B)].

## **LOW TENSION –VI GENERAL**

### **LT-VI- General (A) [LT- VI (A)]**

The tariff under LT-VI (A) category is applicable to,-

- (i) Government or Government aided educational institutions; libraries and reading rooms of Government or Government aided educational institutions,,
- (ii) Primary health centres, dispensaries and hospitals under the Central Government or State Government or Local Self Government Institutions; X-Ray units, laboratories, blood banks, mortuaries and such other units attached to such primary health centres, dispensaries and hospitals; blood banks of IMA; poly clinics under Ex-servicemen Contributory Health Scheme (ECHS).
- (iii) Centres for religious worship such as temples, mosques and churches; institutions imparting religious education, monasteries and convents;

<b>LT - VI GENERAL (A)</b>	
(a) Fixed Charge (Rs. per kW or part thereof per Month)	65
<b>(b) Energy Charge (Rs/kWh) (Non telescopic)</b>	
(i) Of and Below 500 kWh (all units)	5.70
(ii) Above 500 kWh (all units)	6.50

### **LT- VI GENERAL (B)**

The tariff under this category is applicable to,-

- (i) offices and institutions under the State or Central Governments or under the Local Self Government Institutions except those which are included in the category LT-VI General (C); village offices; Government Treasuries.
- (ii) offices of the Corporations, Boards and other Public Sector Undertakings under State or Central Governments, administrative/ office buildings of BSNL;
- (iii) offices of the Kerala Water Authority (KWA), Kerala State Road Transport Corporation (KSRTC) and Kerala State Water Transport Corporation (KSWTC), KMRL
- (iv) museum and / or zoo;
- (v) hostels of educational institutions affiliated to Universities, hostels under the control of the Director of Technical Education or Director of Medical Education or Director of Public Instruction or such other institutions of government, hostels run by the State or Central Government, hostels run by State Social Welfare Board, hostels run by institutions registered under the Travancore - Cochin Literary, Scientific and Charitable Societies Registration Act, 1955 (12 of 1955) or under the Societies Registration Act, 1860 (21 of 1860) or under Indian Trust Act, 1882, the donations to which are exempted from payment of Income Tax; Working women hostels operating under the scheme approved by the Ministry of Women and Child Development, Government of India, hostels under the supervision and monitoring of Department of Social Welfare, Government of Kerala;
- (vi) Pay wards and institutions of Kerala Health Research and Welfare Society (KHRWS);

- (vii) travellers bungalows, rest houses and guest houses under government; Police Clubs,
- (viii) type writing institutes;
- (ix) offices of advocates or chartered accountants or company secretary or consulting engineers or tax consultants or architects or cost accountants or of management consultants;
- (x) offices of social service organizations, offices of religious organizations, offices of service pensioners' associations
- (xi) offices of political parties not approved by the Election Commission of India;
- (xii) collection centres of 'FRIENDS'; single window service centres under Department of Information Technology;
- (xiii) offices of Department of Posts, all post offices including extra departmental (ED) post offices;
- (xiv) micro financing institutions registered and functioning as per the guidelines issued by Reserve Bank of India;
- (xv) cameras at traffic signal points, surveillance camera installed by Local Self Government Institutions (LSGI).
- (xvi) Old age homes, which charge the inmates for boarding and lodging.

<b>LT - VI GENERAL (B)</b>	
(a) Fixed Charge (Rs. per kW or part thereof per Month)	80
(b) Energy Charge (Rs/kWh) (Non-telescopic)	
(i) Of and below 500 kWh (all units)	6.30
(ii) Above 500 kWh (all units)	7.00

### **LT- VI GENERAL (C)**

The tariff under this category is applicable to:

- (i) offices or institutions under Income Tax or Central Excise and Customs Departments,
- (ii) offices under Motor Vehicles Department or Sales Tax department or Excise Department; Sub-Registry offices; and such other tax earning departments under State or Central Government (other than Local Self Government Institutions);
- (iii) light houses;

- (iv) banking and / or financing institutions (excluding micro financing institutions registered and functioning as per the guidelines issued by Reserve Bank of India);
- (v) ATM counters including the ATM counters of post offices.
- (vi) offices of Railways including railway stations;
- (vii) offices of Airport Authority of India except airports;
- (viii) Insurance companies, and
- (ix) any other LT categories not included anywhere in this schedule.

<b>LT - VI GENERAL (C)</b>	
(a) Fixed Charge (Rs. per kW or part thereof per Month)	180
(b) Energy Charge (Rs/kWh) (Non telescopic)	
(i) Of and below 500 kWh (all units)	7.00
(ii) Above 500 kWh (all units)	8.50

#### **LT- VI GENERAL (D)**

The tariff under LT-VI (D) category is applicable to:

- (i) orphanages;
- (ii) anganwadis; schools and hostels for differently abled or physically challenged persons (including mentally retarded students, deaf/dumb/blind/physically handicapped persons),
- (iii) old age homes where no charges are levied for the boarding and lodging of inmates,
- (iv) Cheshire homes; polio homes; SoS Childrens' Villages,
- (v) charitable centres for cancer care, pain and palliative care and HIV rehabilitation,
- (vi) charitable hospital guidance centres registered under the Travancore - Cochin Literary, Scientific and Charitable Societies Registration Act, 1955 (12 of 1955) or under the Societies Registration Act, 1860 (21 of 1860) or under Indian Trust Act, 1882, donations to which are exempted from payment of Income Tax,
- (vii) shelters exclusively for orphaned animals and birds run by charitable institutions registered under the Travancore - Cochin Literary, Scientific and Charitable Societies Registration Act, 1955;

- (viii) libraries and reading rooms with connected load of and below 2000 watts and monthly consumption of and below 100 units.
- (ix) e-toilet and public comfort stations, where no charges levied for use.

<b>LT - VI GENERAL (D)</b>	
(a) Fixed Charge	Rs .35.00/ consumer/ month
(b) Energy Charge (Rs/kWh)	2.10

### **LT VI GENERAL (E)**

The tariff under LT-VI(E) category is applicable to:

- (i) sports and / or arts clubs (with connected load not exceeding 2000 W);
- (ii) sailing and / or swimming clubs (with connected load not exceeding 2000 W);
- (iii) gymnasium (with connected load not exceeding 2000 W);
- (iv) libraries and reading rooms excluding those which are included in LT VI-A and LT VI-D categories,
- (v) press clubs;
- (vi) offices of political parties approved by Election Commission of India;
- (vii) e-toilet and public comfort stations, where charges are levied for use

<b>LT-VI-GENERAL (E)</b>	
Particulars	Approved tariff
<b>(a) Fixed charge</b> (Rs/ consumer/month)	
Single phase consumers	40
Three phase consumers	100
<b>(b) Energy charges</b> (Rs /kWh) (Non telescopic)	
0 to 50 units per month	3.40
0 to 100 units per month	4.40
0 to 200 units per month	5.10
Above 200 units per month	6.80



## LT VI GENERAL (F)

The tariff under LT- VI (F) is applicable to:

- (i) computer training institutes, private coaching or tuition centres, self-financing educational institutions including the hostels run by them,
- (ii) cinema studios, audio/video cassette recording/duplication units, CD recording units, cinema dubbing and animation studios,
- (iii) all construction works,
- (iv) installations of cellular mobile communications, satellite communications, exchanges of telecom companies, offices of telecom companies except the administrative offices of BSNL,
- (v) offices or institutions of All India Radio (AIR), Doordarshan and other television broadcasting companies, cable TV networks, radio stations,
- (vi) hall marking centres.

<b>LT VI GENERAL (F)</b>	
Fixed charge (Rs/ kW or part thereof per month)	
Single Phase	70
Three phase	140
Energy Charge (Rs per unit) (Non- telescopic)	
0 to 100 units per month	5.80
0 to 200 units per month	6.50
0 to 300 units per month	7.20
0 to 500 units per month	7.80
above 500 units per month	9.00

## LT-VI- GENERAL (G)

The tariff under this category is applicable to all the private hospitals, private clinics, private clinical laboratories, private X-ray units, private mortuaries, private blood banks and private scanning centres and such other private institutions in health care sector.

<b>LT VI General (G)</b>	
Fixed charge (Rs/ kW or part thereof per month)	
Single Phase	70
Three phase	140
Energy Charge (Rs per unit) (Non-telescopic)	
0 to 500 units per month	5.70
0 to 1000 units per month	6.50
0 to 2000 units per month	7.50
Above 2000 units per month	8.50

## **LOW TENSION - VII – COMMERCIAL**

### **LT- VII-Commercial (A) [LT- VII (A)]**

The tariff under LT-VII (A) category is applicable to commercial and trading establishment such as,

- (i) shops, showrooms, display outlets, business houses,
- (ii) hotels and restaurants (having connected load exceeding 1000 W), house boats
- (iii) private lodges, private hostels, private guest houses, private rest houses, private travellers bungalows,
- (iv) freezing plants, cold storages, milk chilling plants,
- (v) shops selling confectioneries, sweetmeat, breads and such other eatables without manufacturing process,
- (vi) petrol/diesel/ LPG /CNG bunks, LPG bottling plants,
- (vii) automobile service stations, computerized wheel alignment centres,
- (viii) marble and granite cutting units,
- (ix) units carrying out filtering, packing and other associated activities of oil brought from outside,
- (x) share broking firms, stock broking firms, marketing firms,
- (xi) godowns of Kerala State Beverages Corporations,
- (xii) photo studios/ colour labs

<b>LT VII Commercial (A)</b>		
(a) Fixed charge (Rs/ kW or part thereof per month)		
(i)	Single Phase	70
(ii)	Three phase	140
(b) Energy Charge (Rs per unit) (Non telescopic)		
(i)	0 to 100 units per month	6.00
(ii)	0 to 200 units per month	6.70
(iii)	0 to 300 units per month	7.40
(iv)	0 to 500 units per month	8.00
(v)	Above 500 units per month	9.30

### **LT- VII Commercial (B) [LT-VII-B]**

Tariff applicable to commercial and trading establishments such as,-

- (i) shops, bunks, hotels, restaurants, having connected load of and below 1000 Watts.
- (ii) 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.

<b>LT - VII Commercial (B)</b>		
(a) Fixed Charge (Rs. per kW or part thereof/ month)		50
(b)Energy charge (Rs/unit) (Non telescopic)		
(i)	0 to 100 units	5.20
(ii)	0 to 200 units	6.00
(iii)	0 to 300 units	6.60

### **LT- VII Commercial (C) [LT-VII-C]**

The tariff under LT VII (C) is applicable to,-

- (i) cinema theatres;
- (ii) circus;
- (iii) sports and arts clubs, sailing or swimming clubs and gymnasium having connected load exceeding 2000W.

<b>LT - VII Commercial (C)</b>	
(a) Fixed Charge (Rs. per kW or part thereof / Month)	100
(b) Energy Charge (Rs/kWh) (Non telescopic)	
(i) Of and below 1000 kWh	6.00
(ii) Above 1000 kWh	7.40

### **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.

<b>LT – VIII (A) – Composite Tariff approved for Unmetered Street Lights</b>				
TYPE OF LAMP	Watts (W)	Rs/Lamp/Month		
		Burning Hours per day		
		4 Hours	6 Hours	12 Hours
Ordinary	40	24	36	73
Ordinary	60	36	55	112
Ordinary	100	61	92	184
Fluo tube	40	24	36	73
Fluo tube	80	48	73	147
Floodlight	1000	615	922	1845
MV Lamp	80	56	77	157
MV Lamp	125	83	123	244
MV Lamp	160	106	157	315
MV Lamp	250	164	244	492
MV Lamp	400	263	392	785
SV Lamp	70	46	70	138
SV Lamp	80	53	77	157
SV Lamp	100	65	98	196
SV Lamp	125	83	123	244
SV Lamp	150	98	147	294
SV Lamp	250	164	244	492
CFL	11	6	9	18
CFL	15	8	12	24
CFL	18	10	14	29
CFL	22	12	18	35
CFL	30	17	24	48
CFL	36	19	29	58
CFL	44	23	35	70
CFL	72	39	58	116
CFL	144	77	116	231
LED	12	3	4	10
LED	18	4	8	15
LED	20	6	8	17
LED	24	7	10	22
LED	30	8	12	28
LED	40	11	17	33
LED	45	12	18	39
MV Lamp on semi high mast only for 12 hrs burning per day	1200			2376
SV Lamp on semi high mast only for 12 hrs burning per day	250			495

## LT – VIII (B) METERED STREET LIGHTS AND TRAFFIC SIGNAL LIGHTS

### {LT-VIII (B)}

Tariff applicable for metered street lights and tariff signal lights.

b) LT – VIII (B) Tariff for Metered Street Lights and TrafficSignal Lights	
<b>(a) Fixed charge</b> (Rs/ meter/month)	50
<b>(b) Energy Charge</b> (Rs per unit)	4.30

*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 3.90 Rs /kWh plus fixed charge of Rs.40 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 3.90 Rs/kWh plus fixed charge at Rs.40 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 4.30 Rs per unit plus fixed charge at Rs 50/- 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.

<b>LT - IX Display Lighting and Hoardings</b>	
(a) Fixed Charge (Rs. per Connection per month)	550
(b) Energy Charge (Rs per unit)	12.50

*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.*

## LT-X: ELECTRIC VEHICLES CHARGING STATIONS

Tariff applicable to electric vehicle charging stations at LT

<b>LT – X : Electric vehicle charging stations</b>	
(c) Fixed Charge (Rs per kW or part thereof per month)	75
(d) Energy Charge (Rs/kWh)	5.00

## **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. All the HT&EHT consumers shall be allowed to use upto 130% of the contract demand during off-peak hours without the payment of excess demand charge. However, when the recorded maximum demand during normal period or peak period in a month exceeds the contract demand as per the agreement or the recorded maximum demand during off-peak hours exceeds 130% of the contract demand, the excess demand shall be charged at a rate of 150 percent of the demand charges applicable, as per the billing procedure specified under Annexure-E to this Schedule.
4. (a) As per Section 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.  
  
(b) 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.  
  
(c) The consumer has to purchase only such meters which are included in the list of manufactures and models 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.  
  
(d) 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, for the said two months and one month thereafter.

- (e) The licensee shall, in performance of its duty under Section 55 of the Act, replace the defective meter and realize the security deposit and meter rent in accordance with the provisions of Section 55 of the Electricity Act, 2003.
5. All EHT consumers (except Railway Traction) and all HT consumers (except drinking water supply pumping stations of Kerala Water Authority, Municipal 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.



## **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.

<b>HIGH TENSION- I - INDUSTRY (A)</b>	
(a) Demand Charge (Rs./kVA of Billing Demand/Month)	340
(b) Energy Charge (Rs/kWh)	5.75

### **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.

<b>HIGH TENSION-I (B)- IT and IT Enabled Services</b>	
(a) Demand Charge (Rs./kVA of Billing Demand/Month)	340
(b) Energy Charge (Rs/kWh)	6.05

**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 (D), and LT-VI (E) categories availing supply of electricity at high tension.

<b>HIGH TENSION - II - GENERAL (A)</b>	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	370
(b) Energy Charge (Rs/kWh)	5.60

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

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

<b>HIGH TENSION – II - GENERAL (B)</b>	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	440
(b) Energy Charge (Rs/kWh)	
(i) Of and below 30,000 units (All units)	6.20
(ii) Above 30,000 units (All units)	7.20

**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.

<b>HIGH TENSION –III (A) AGRICULTURE</b>	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	190
(b) Energy Charge (Rs/kWh)	3.10

### **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.

<b>HIGH TENSION – III (B) AGRICULTURE</b>	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	200
(b) Energy Charge (Rs/kWh)	3.60

### **HIGH TENSION – IV (A) COMMERCIAL[HT – IV(A)]**

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, except those who categorize under HT-IV (B).

<b>HIGH TENSION – IV (A) COMMERCIAL[HT – IV(A)]</b>	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	440
(b) Energy Charge (Rs/kWh) (Non telescopic)	
(i) Of and below 30,000 units (All units)	6.30
(ii) Above 30,000 units (All units)	7.30

### **HIGH TENSION – IV (B) COMMERCIAL [HT – IV (B) ]**

Tariff applicable to hotels, marriage halls, convention centers, shopping malls and multiplexes availing supply at high tension.

<b>HIGH TENSION – IV (B) COMMERCIAL [HT – IV(B)]</b>	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	440
(b) Energy Charge (Rs/kWh) (Non telescopic)	
(iii) Of and below 30,000 units (All units)	6.60
(iv) Above 30,000 units (All units)	7.60

## 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)	390
(b) Energy Charge (Rs/kWh)	5.80

*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.*

## HT- VI. ELECTRIC VEHICLES CHARGING STATIONS

Tariff applicable to charging stations of electric vehicles availing electricity at high tension.

HIGH TENSION – V DOMESTIC (HT – V)	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	250
(b) Energy Charge (Rs/kWh)	5.00

## HIGH TENSION- VII TEMPORARY CONNECTIONS (HT-VII)

Tariff applicable availing temporary connections at HT for the purposes such as illumination, exhibition, festivals, public meetings, fairs etc.

<b>HT VII- Temporary connections</b>	
<i>Energy charge</i>	Rs 11.00 per unit
<b>OR</b>	
<i>Daily minimum Rs/kW or part thereof of connected load whichever is higher</i>	Rs 110.00/KW

## **HIGH TENSION –VIII -SEASONAL CONSUMERS (HT – VIII)**

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 use 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 amongst 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.

(e) The reconnection fee shall be as specified in the Kerala Electricity Supply Code, 2014 and its amendments from time to time.

### **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.

<b>EHT Industrial (66 kV)</b>	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	340
(b) Energy Charge (Rs/kWh)	5.50

#### **EHT Industrial (110 kV)**

Tariff applicable to general purpose industrial load at 110 kV.

<b>EHT Industrial (110 kV)</b>	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	330
(b) Energy Charge (Rs/kWh)	5.40

#### **EHT Industrial (220 kV)**

Tariff applicable to general purpose industrial load at 220 KV.

<b>EHT Industrial (220 kV)</b>	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	320
(b) Energy Charge (Rs/kWh)	5.00

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

Tariff applicable to commercial institutions availing power at EHT.

<b>EHT Commercial (66 kV, 110 kV, 220kV)</b>	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	440
(b) Energy Charge (Rs/kWh) (non telescopic)	
(i) Of and below 60,000 units	6.10
(ii) Above 60,000 units	7.10

### **Extra High Tension –General A (EHT-General-A) (66 kV, 110kV, 220 kV)**

This tariff is applicable to the consumers enumerated under LT-VI(A) category, availing supply at EHT level.

<b>EHT-General A (66kV, 110kV, 220kV)</b>	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	340
(b) Energy Charge (Rs/kWh)	5.30

### **Extra High Tension –General – B (EHT-General-B ) (66 kV, 110kV, 220 kV)**

The tariff under this category is applicable to Indian Space Research Organisation (ISRO), utility services such as Airport, Self-Financing Educational Institutions and any other EHT consumers not included elsewhere.

<b>EHT -General –B (66 kV, 110 kV, 220kV)</b>	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	410
(b) Energy Charge (Rs/kWh) (non telescopic)	
(i) Of and below 60,000 units	5.80
(ii) Above 60,000 units	6.80

## **RAILWAY TRACTION (110 kV)**

Tariff applicable to Railway Traction

<b>Railway Traction (110 kV)</b>	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	300
(b) Energy Charge (Rs/kWh)	5.10

## **Kochi Metro Rail Corporations**

Tariff applicable to traction for KMRL

<b>KMRL (110 kV)</b>	
(a) Demand Charges (Rs./kVA of Billing Demand/Month)	275
(b) Energy Charge (Rs/kWh)	4.80



## PART-C BULK SUPPLY TARIFF APPLICABLE TO SMALL LICENSEES AND BULK CONSUMERS

1. 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.
2. 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.
3. The tariff applicable will be two part tariff as under:--

Name of Licensees	Demand Charges (Rs/kVA of Billing Demand per month)	Energy Charges (Rs per unit)
KINESCO POWER & UTILITIES (P) LIMITED	340	5.85
COCHIN SPECIAL ECONOMIC ZONE	340	5.60
RUBBER PARK INDIA (P) LIMITED	340	4.75
TECHNOPARK	340	5.50
COCHIN PORT TRUST	340	6.10
THRISSUR CORPORATION ED	340	6.05
KANNAN DEVAN HILLS PLANTATIONS	340	4.80
INFOPARK	340	5.65
SMART CITY	340	5.65
MILITARY ENGINEERING SERVICES	390	5.85
KARNATAKA ELECRCITY DEPARTMENT	390	5.85

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 installations 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.

## PART-D OTHER CHARGES

### Summary of other charges applicable with effect from 08.07.2019

1. The transmission charges - Rs 0.39/unit or Rs.8705/MW/day.
2. The wheeling charges - Rs 0.55/unit.
3. The cross subsidy surcharge.

Category	Cross Subsidy surcharge (Rs/ unit)
EHT- Industrial (66 kV)	1.23
EHT-Industrial (110 kV)	1.20
EHT- Industrial (220 kV)	1.25
EHT- Gen A	1.23
EHT- Gen B	1.67
Railways	1.26
KMRL	1.21
HT-1(A) Industry	1.40
HT-I(B) Industry	1.63
HT-II(A)	1.47
HT-II (B)	1.71
HT-III(A)	1.19
HT-III(B)	0.62
HT- IV (A)	1.89
HT- IV (B)	1.95
HT-V	1.72

#### 4. Meter rent to be levied from the consumers

SI No	Description	Meter rent approved (Rs/meter/month)
1	Single phase static energy meters with LCD and ToD facility and with ISI certification	6
2	Three phase static meters with LCD and ToD facility with ISI certification	15
3	LT CT operated three phase four wire static energy meters (Class 0.5 accuracy) with LCD and ToD facility and ISI certification	30
4	3 phase AC static tri-vector energy meters with ABT, ToD facility and compliant to Device Language Message Specification (DLMS)protocol	1000

5. The transmission charges, wheeling charges, cross subsidy surcharge and meter rent approved in this order shall be applicable to KSEB Ltd and other licensees in the State.

## Annexure- A

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

The ToD tariff applicable to EHT, HT (except HT-V domestic) and LT industrial consumers (with connected load of and above 20 kW) for energy consumption is given below:

	Rates		
	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:

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

#### Billing of Energy charges:

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

- Normal time:  $\text{Consumption during normal time} \times \text{energy rate} / \text{unit}$ .
- Peak time:  $\text{Consumption during peak time} \times \text{energy rate} / \text{unit} \times 1.50$
- Off-peak time:  $\text{Consumption during off-peak time} \times \text{energy rate} / \text{unit} \times 0.75$

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

#### Other conditions:

- Demand/energy charges shall be the demand/energy charges for normal period as per the tariff approved in this Schedule.
- Demand/energy charges for LT industrial consumers with a connected load of and above 20KW, shall be as per the tariff approved in this Schedule.
- 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  $\times$  ruling demand charges  $\times$  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.

<b><u>PF range (lag)</u></b>	<b><u>Incentive/ Penalty</u></b>
<b><u>Incentive</u></b>	
Above 0.95 and upto 1.00	0.50% of the Energy Charge for each 0.01 unit increase in power factor from 0.95
<b><u>Penalty</u></b>	
0.90 and upto 0.95	0.50% of the energy charges for every 0.01 fall in PF below 0.95 and upto 0.90
below 0.90	1% of the energy charge for every 0.01 fall in PF from 0.90

Note: No penalty and incentives for consumers with leading power factor.

## 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 HT-V and LT consumers with monthly consumption above 500 units)

	Normal Period (6 hrs to 18 hrs)	Peak Period (18 hrs to 22 hrs)	Off Peak Period (22hrs to 06 hrs)
Energy charge	100% of the ruling tariff	120% of the ruling tariff	90% of the ruling tariff

#### Note

1. In the case of LT- domestic category;
  - (a) 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.
  - (b) 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.
  - (c) The ruling tariff for LT- domestic is the energy charge approved for the monthly consumption above 500 units.
2. In the case of HT-V domestic, the ruling energy charge is the energy charge approved for HT-V domestic category.

## Annexure – E

### Billing Procedures under ToD tariff system 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 (TDC) = 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

$$= \text{TDC} + \text{EC}$$



**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 VI General (G), 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-VI General (G), LT-VII Commercial (A) and LT VII Commercial (C)	220

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

**Other conditions**

- (1) Consumers who opt for maximum demand based tariff may, at their option, install ToD compliant meters at their cost. Meters may also be installed at the cost of KSEB Ltd. If the consumers provide meters, it has to be got tested at the laboratory of KSEB Ltd or of the Electrical Inspectorate. It will be the responsibility of KSEB Ltd or other licensees as the case may be to ensure the accuracy of the meters after proper testing.
- (2) For those who opt for maximum demand based tariff, the contract demand shall be treated as connected load.
- (3) 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.
- (4) 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.
- (5) The Billing demand shall be the recorded maximum demand or 75% of the contract demand whichever is higher. In case the billing demand exceeds the contract demand during normal or peak hours or 130% of the contract demand during night off peak hours, the demand charges for the excess demand shall be charged 50% extra.

(6)The above scheme (optional demand based tariff) shall be effective till ToD tariff is made compulsory.

By order of the Commission

Secretary