



Maharashtra State Electricity Distribution Co. Ltd.

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REF. PR-3 / TARIFF/25230

DATE: 5th September 2012

COMMERCIAL CIRCULAR No. 175

Subject: **Revision in Electricity Tariff – Implementation thereof.**

Reference: MERC Tariff Order dt. 16/08/2012 in the Case No. 19 of 2012.

The Maharashtra Electricity Regulatory Commission, in exercise of the powers vested in it under Section 61 and Section 62 of the Electricity Act, 2003 (EA 2003) and all other powers enabling it in this behalf, and after taking into consideration all the submissions made by MSEDCL, all the objections, responses of the MSEDCL, issues raised during the Public Hearing, and all other relevant material has determined the Aggregate Revenue Requirement of FY 2011-12 and FY 2012-13 and Tariff for FY 2012-13 vide Tariff Order dated **16th August 2012** for MSEDCL in Case No. 19 of 2012. Accordingly, the guidelines as under are issued for implementation of the said order of the Commission without prejudice to the rights of MSEDCL to take any action as provided in the law.

1. Date of Implementation:

- i) The revised tariffs are applicable from August 01, 2012 and will continue to be in force till further orders.
- ii) In cases, where there is a billing cycle difference of a consumer with respect to the date of applicability of the revised tariffs, then the revised tariff should be made applicable on pro-rata basis for the consumption.
- iii) The bills for the respective periods as per existing tariff and revised tariffs shall be calculated based on the pro-rata consumption (units consumed during respective period arrived at, on the basis of average unit consumption per day multiplied by number of days in the respective period falling under the billing cycle).

2. Tariff for Small Shops operated from Home:

For residential consumers who runs small businesses from their household but consume less than 300 units a month and 3600 units per year are in last financial year to be covered under LT-I (Domestic) tariff category.

This category is applicable for all household consumers who runs small shop, workshop, office, library etc. from their houses and which actually comes under LT-II (Non-residential or Commercial), LT-V (LT Industry) and LT-X (Public services) and who consume less than 300 units a month, and who have consumed less than 3600 units per annum in the previous financial year. The applicability of this Tariff will have to be assessed at the end of each financial year. In case any consumer has consumed more than 3600 units in the previous financial year, then the consumer will not be eligible for Tariff under this category and will be charged as per appropriate category of LT II / LT V / LT X as the case may be. Also in case he crosses 300 units per month, the consumer will be required to take separate connection under relevant tariff category. This concession in tariff will be applicable only to the specifically marked / flagged consumers. The field officers will be required to complete this exercise within one month.

3. Tariff Applicable to Construction or Renovation Activity in Existing Residential Premises:

Any residential LT consumer, having consumption upto 500 units per month, and who undertakes construction or renovation activity in his existing premises, does not requires any separate temporary connection and this consumer should be billed at his residential Tariff rate.

However those residential consumers undertakes construction or renovation activity having consumption more than 500 units (including construction or renovation activity) in respective billing month will have to require separate temporary connection under commercial tariff category.

4. A New Tariff Category called "Public Services" in both LT and HT Level:

A new category called "Public Services" in both LT and HT is created. This consumer category is applicable to entities which are essentially providing public services. The consumers to be covered under this tariff category are education institutes, hospitals, dispensaries, primary health care centers, pathology laboratories, Police Stations, Post Offices, Defence establishments (army, navy and air force), Public libraries and Reading rooms, Railway except traction (shops on the platforms/railway station/bus stands will be billed under Commercial category as per the respective slab), State transport establishments; Railway and State Transport Workshops, Fire Service Stations, Jails, Prisons, Courts; Airports (only activities related to aeronautical operations) Sports Club / Health Club / Gymnasium / Swimming Pool attached to the Educational Institution / Hospital provided said Sports Club / Health Club / Gymnasium / Swimming Pool is situated in the same premises. Apart from above mentioned categories all the other consumers will be billed in the relevant consumer category.

The field officers will be required to complete exercise of re-categorization within one month.

5. New Sub-Category under HT-VIII (Temporary):

The Commission has created an additional sub-category under HT-VIII (Temporary) for temporary supply for religious purposes.

- a) HT VIII (A) - Temporary Supply Religious (TSR)
- b) HT VIII (B) - Temporary Supply Others (TSO)

6. Rebate for Availing Supply at Extra High Voltage:

A rebate to the consumers for availing supply at Extra High Voltage (EHV) has been introduced in this Tariff Order. Consumers availing supply at Extra High Voltage (66 kV and above) will be given a rebate of 3% on Energy Charges. Further, the EHV supply rebate will be available only if the consumer has no arrears with MSEDCL. However, this rebate will be applicable to consumers where payment of arrears in installments has been granted by MSEDCL, and the same is being made as per schedule.

This rebate will not be applicable to secondary consumers of multi-partite connection irrespective of their voltage level of supply. The primary (main) consumer of such multi-partite agreement will be eligible for this rebate limited to his own consumption only.

7. Increase in ToD (Time of Day) Rebate for off-peak Consumption:

The off-peak rebate for night consumption (i.e. 2200 hours to 0600 hours) for the categories in which ToD Tariff is applicable has been increased from 85 paise to 100 paise per unit as an initiative towards better demand side management.

8. Additional Demand Charges for Consumers having Captive Power Plant:

For consumers having Captive Power Plant (CPP), the additional demand charges would be at a rate of Rs. 20/ kVA/month only on extent of Stand-by demand component, and not on the entire Contract Demand. Additional Demand Charges will be levied on such consumers on the Stand-by component, only if the consumer's demand exceeds the Contract Demand.

The other detailed procedure and methodology for determination of standby demand for billing purpose shall be as per the guidelines issued vide letter No. Comm/Standby/RE & CPP/17624 dt. 26/06/2012 & No. Comm/Standby/12506 dt. 04/05/2012.

9. Penalty for Exceeding Contract Demand:

In case, a consumer (availing Demand based Tariff) exceeds his Contract Demand, he will be billed at the appropriate Demand Charge rate for the Demand actually recorded and will be additionally charged at the rate of 150% of the prevailing Demand Charges (only for the excess Demand over the Contract Demand as per definition of billing demand). Further if the consumer exceeds the Contract Demand for three times, MSEDCL may disconnect the supply or may reset / increase the Contract Demand on derived basis.

10. Tariff Applicable to Various activities :

a) Hatcheries:

Agricultural (HT & LT) tariff is applicable to Poultry exclusively undertaking Layer & Broiler activities, including Hatcheries w.e.f. 1st August 2012.

b) Floriculture, Horticulture, Nurseries, and Plantations:

Agricultural (HT & LT) tariff is applicable to Floriculture, Horticulture, Nurseries, and Plantations.

c) Street Light:

Street Light Services owned, operated and maintained by an authority/agency other than Local Self Government body i.e. Street light on the streets under residential complexes, commercial complexes, industrial premises, etc. will be billed under the Tariff of respective categories instead of Street Light category

Illustrations:

Sr. No.	Type of Area	Tariff Category	Tariff to Street Light
1	Industrial Estate, Industrial Area of MIDC	Industry	Industry
2	Private Residential Complex, Residential area of MIDC	Residential	Residence
3	Commercial Complex	Commercial	Commercial

d) Public Water Works:

The Public Water Supply Schemes and Sewage Treatment Plants (including other allied activities) owned, operated and managed by any other Agency other than Local Self Government Body (excluding Maharashtra Jeevan Pradhikaran) shall not be eligible for LT III (Public Water Works) tariff and shall be billed as per either LT II (A) Non-

Residential or Commercial or LT II (B) Non-Residential or Commercial or LT II (C) Non-Residential or Commercial as the case may be, except those covered in LT V.

e) Tariff to Ancillary Services within various Establishments:

An ancillary services like canteens, recreation rooms for staff, gymnasium, swimming pool, time office, crèche for employees' children, dormitory for workers, guest houses for visiting officers, etc. within industrial/hospital/education institutes/residential colonies, which are exclusively meant for the employees/patients/students/residents of these establishments respectively shall be billed under the consumer category of the respective categories.

f) Tariff to Pre-cooling Plants & Cold Storage:

Agricultural tariff is applicable to pre-cooling plants & cold storage units for Agricultural Produce only, irrespective of whether pre-cooling plants & cold storage units for Agricultural Produce are being used by farmers or traders, and irrespective of the ownership of such plants /units,

g) Tariff applicable to Mobile Towers:

Commercial (HT/LT) Tariff category is applicable to Mobile Towers, Microwave Towers, Satellite Antennas used for telecommunication activity.

11. Individual Residential Consumers taking Supply at HT Voltage:

Individual residential consumers taking supply at HT voltage (large bungalows) will be charged at LT residential rates, since there is no HT residential Tariff category. Further, HT VI Group Housing Society Tariff is also applicable for such Housing Colonies of industrial consumers or educational institutions, taking supply at HT with separate sub-meter, irrespective of whether metering is at HT side or LT side of the transformer so long as the supply is at HT voltage. HT VI Group Housing Society tariff is not applicable to Co-op Housing Societies.

12. Tariff to Commercial Load of Industrial Consumers or Educational Institute:

For commercial load (other than ancillary and incidental activities mentioned in Sr.NO.10(e) above) of industrial consumers or educational institutions taking supply at HT voltage with separate sub-meter, the HT II Commercial category Tariff will be applicable, irrespective of whether metering is at HT side or LT side of the transformer. The HT VI Commercial category Tariff will not be applicable in such cases, since the same was intended to be only an interim solution, since all such commercial category

consumers taking supply at single point have to be converted either to franchisee or individual connections, in accordance with the detailed rationale given by the Commission in previous Tariff Orders. This provision needs to be implemented scrupulously.

13. RLC Refund Methodology:

The Commission has considered RLC refund amount of Rs. 666 Crs for FY 2012-13, out of which Rs. 500 Crs is to be refunded to live consumers and Rs. 166 Crs is to be refunded to permanently disconnected consumers.

Since Rs. 500 Crs is to be refunded in FY 2012-13 out of the total RLC collection of Rs. 3227 Crs, the refund in FY 2012-13 will be in the same proportion of the contribution by that consumer. The percentage of refund works out to 16%.

This will also ensure that consumers will get the refund in the exact same proportion as their contribution, and consumers those who have paid RLC for a lower duration, would get lower refund on a monthly basis, such that all the consumers get their complete refund over the same period of time.

Regarding methodology of RLC refund to PD consumers, the detail procedure will be informed separately

14. Increase in Fixed/Demand Charges:

The Commission has partially increased Fixed Charges/Demand Charges for all categories.

The Demand Charges for the respective periods as per existing Tariff and revised Tariffs shall be calculated based on the pro-rata basis (Recorded Demand during respective period divided by 30 days multiplied by number of days in the respective period falling under the billing cycle).

15. Infrastructure Charge for Consumers in Nagpur:

The Commission has allowed MSEDCL to collect an additional charge of 9 paise per unit of consumption from the consumers in the O & M Divisions of MSEDCL at Mahal, Gandhibaug, Congress Nagar & Civil Lines under Nagpur Urban Circle towards expenditure being incurred for executing the work of shifting of electric poles / lines presently causing obstacle to vehicular traffic in the city of Nagpur.

This additional charges shall not be considered for Electricity Duty, Penalty, Incentive and Subsidy. This additional charge of 9 paise per unit shall be shown separately in the energy bill till further order.

16. Delayed Payment Charges (DPC):

In case the electricity bills are not paid within the due date mentioned on the bill, delayed payment charges of 2 percent on the total electricity bill (including Taxes and Duties) shall be levied on the bill amount. **However, if a consumer makes part payment of a bill within the due date, then the delayed payment charges shall be applicable only on the amount which was not paid within the due date. For the purpose of computation of time limit for payment of bills, "the day of presentation of bill" or "the date of the bill" or "the date of issue of the bill", etc. as the case may be, will not be excluded.**

17. Interest on Consumer's Security Deposit:

The Commission has directed MSEDCL to pay an interest rate of 9.5% on the consumer's security deposit for FY 2012-13.

18. Administrative Charges for Cheque Bouncing:

The Commission has approved the Administrative charges for cheque bouncing of Rs. 350/- irrespective of cheque amount towards compensation of bank charges and MSEDCL's administrative charges.

19. OTHER PROVISIONS:

- i) The rebates/incentives and disincentives have been retained at the existing levels.
- ii) The **Billing Demand definition** has been retained as it is.
- iii) Load Factor Incentive is also applicable to newly created HT IX Public Service category.

ACTION PLAN:-

For proper implementation of the revised Tariff Order, all the IT departments / field officers shall follow guidelines given below:-

1. The revised tariffs are to be applied from 1st August, 2012 till further Tariff Order.
2. The Commission has approved the HT and LT tariff as indicated in booklets (Annexure "A") effective from 01/08/2012. All field officers are requested to

download the same from MSEDCL's web site www.mahadiscom.in and adequate copies of these booklets should be printed and made available up to Section Level and also make available to outsider/consumer at the rate of Rs. 20/- per booklet.

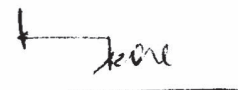
3. Tariff Order dt. 16 August 2012 in Case No. 19/2012 should be made available up to Section Level.
4. **The field officers are directed to ensure that where ever the tariff category is redefined or newly created by the Commission, the existing / prospective consumers should be properly categorized by actual field inspection immediately and the data to be immediately updated in the IT data base.**
5. In case of Agricultural consumers, it is directed that consumers should be checked for verification of connected load of unmetered AG consumer and should be charged appropriate tariff as per MERC Order.
6. All other relevant issues are covered in the appended tariff booklet. In case of any clarification in this order is required, the field officers may contact the C. E. (Commercial).

All field officers shall sensitize staff about the various aspects of the Tariff Order and give proper guidance to all the officers and the staff members working under them.

These are only the important guidelines and for actual implementation, the field officers are requested to refer the Detail Order of MERC dt. 16/08/2012 in Case No. 19 of 2012. All the stipulation & provisions are to be strictly followed.

All field officers are therefore requested to take due note of the revised tariff and should follow the same hereafter and compliance of the action taken report should be informed by the Regional Executive Directors to Chief Engineer (Commercial).

Encl: Annexure "A"



Director (Operation)
MSEDCL

Copy: As per mailing list



(Annexure "A")
Approved Tariff Schedule
MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.
(WITH EFFECT FROM AUGUST 1, 2012)

The Maharashtra Electricity Regulatory Commission, in exercise of the powers vested in it under Section 61 and Section 62 of the Electricity Act, 2003 and all other powers enabling it in this behalf, has determined in the matter of Case No.19 of 2012, the retail Tariff for supply of electricity by Maharashtra State Electricity Distribution Company Limited (MSEDCL) for various classes of consumers as applicable from 1st August, 2012.

GENERAL:

1. These Tariffs supersede all Tariffs so far in force including in the case where any agreement provides specifically for continuance of old agreemental Tariff, or any modifications thereof as may have been already agreed upon.
2. Tariffs are subject to revision and/or surcharge that may be levied by MSEDCL from time to time as per the directives of the Commission.
3. The Tariffs are exclusive of Electricity Duty, Tax on Sale of Electricity (ToSE) and other charges as levied by Government or other Competent Authorities and the same, will be payable by the consumers in addition to the charges levied as per the Tariffs hereunder.
4. The Tariffs are applicable for supply at one point only.
5. MSEDCL reserves the right to measure the Maximum Demand for any period shorter than 30 minutes period of maximum use, subject to conformity with the prevalent Supply Code, in cases where MSEDCL considers that there are considerable load fluctuations in operation.
6. The Tariffs are subject to the provisions of the MERC (Electricity Supply Code and Other Conditions of Supply) Regulations, 2005 in force (i.e., as on 1 August, 2012) and directions, if any that may be issued by the Commission from time to time.
7. Unless specifically stated to the contrary, the figures of Energy Charge relate to Rupees per unit (kWh) charge for energy consumed during the month.
8. Fuel Adjustment Costs (FAC) Charge as may be approved by the Commission from time to time shall be applicable to all categories of consumers and will be charged over and above the Tariffs on the basis of FAC formula specified by the Commission and computed on a monthly basis.



LOW TENSION (LT) – TARIFF

LT I: LT – Residential (BPL)

Applicability

Residential consumers who have a sanctioned load of up to and less than 0.1 kW, and who have consumed less than 360 units per annum in the previous financial year. The applicability of BPL category will have to be assessed at the end of each financial year. In case any BPL consumer has consumed more than 360 units in the previous financial year, then the consumer will henceforth, be considered under the LT-I Residential Category. Once a consumer is classified under the LT-I category, then he cannot be classified under BPL category.

The categorization of such BPL consumers will be reassessed at the end of the financial year, on a pro-rata basis. Similarly, the classification of BPL consumers who have been added during the previous year would be assessed on a pro-rata basis, i.e., 30 units per month.

All the new consumers subsequently added in any month with sanctioned load of upto and less than 0.1 kW and consumption between 1 to 30 units (on pro rata basis of 1 unit/day) in the first billing month, will be considered in BPL Category

No Institutions will be covered under BPL category.

Rate Schedule

Consumption Slab (kWh)	Fixed/Demand Charge	Energy Charge (Rs./kWh)
BPL Category	Rs. 10 per month	0.76

LT I: LT – Residential

Applicability

Electricity used at Low/Medium Voltage for operating various appliances used for purposes like lighting, heating, cooling, cooking, washing/cleaning, entertainment/leisure, pumping in the following places:

- Private Residential Premises, Government / Semi-Government Residential Quarters.
- Premises exclusively used for worship such as Temples, Gurudwaras, Churches, Mosques, Religious and Spiritual Institutions, etc. Provided that Halls, Gardens or any other portion of the premises that may be let out for consideration or used for commercial activities would be charged at LT-II Tariff as applicable.
- All Students Hostels affiliated to Educational Institutions.
- All Ladies Hostels, such as Students (Girls) Hostels, Working Women Hostels, etc.
- Other type of Hostels, like (i) Homes / Hostels for Destitute, Handicap or Mentally Deranged Persons (ii) Dharamshalas, (iii) Old Age Houses, (iv) Rescue Houses, (v) Orphanages, etc.
- Government / Private / Co-operative Housing Colonies (where electricity is used exclusively for domestic purpose) only for common facilities, like Water Pumping / Street Lighting / Lifts / Parking Lots / Fire Fighting Pumps / Premises (Security) Lighting, etc.

- g) Sports Club / Health Club / Gymnasium / Swimming Pool / Community Hall of Government / Private / Co-operative Housing Colonies provided said Sports Club / Health Club / Gymnasium / Swimming Pool / Community Hall is situated in the same premises, and is exclusively meant for the members of the said Government / Private / Co-operative Housing Colonies and no outsider is allowed therein.
- h) Telephone booth owned/operated by handicapped person.
- i) Residential premises used by professionals like Lawyers, Doctors, Professional Engineers, Chartered Accountants, etc., in furtherance of their professional activity in their residences but shall not include Nursing Homes and any Surgical Wards or Hospitals.
- j) Single phase household Flour Mill (Ghar-ghanti) used for captive purpose only.
- k) Any residential LT consumer, having consumption upto 500 units per month (current month during which the supply is being taken), and who undertakes construction or renovation activity in his existing premises, does not require any separate temporary connection and this consumer should be billed at his residential Tariff rate
- l) Consumers who have taken power supply on High Tension for any of the above mentioned purpose shall be billed as per the Tariff applicable for power supply on Low Tension

This category is also applicable for all consumers under LT-II (Non-residential or Commercial), LT-V (LT Industry) and LT-X (Public Services) who consume less than 300 units a month, and who have consumed less than 3600 units per annum in the previous financial year. The applicability of this Tariff will have to be assessed at the end of each financial year. In case any consumer has consumed more than 3600 units in the previous financial year, then the consumer will henceforth not be eligible for Tariff under this category.

Rate Schedule

Consumption Slab (kWh)	Fixed/Demand Charge	Energy Charge (Rs./kWh)
0-100 units	Single Phase : Rs. 40 per month Three Phase : Rs. 130 per month \$\$	3.36
101 – 300 units		6.05
301 – 500 units		7.92
501 – 1000 units		8.78
Above 1000 units (balance units)		9.50

Note:

- a) \$\$: Additional Fixed Charge of Rs. 100 per 10 kW load or part thereof above 10 kW load shall be payable.
- b) Professionals like Lawyers, Doctors, Professional Engineers, Chartered Accountants, etc. occupying premises exclusively for conducting his profession, shall not be eligible for this Tariff and will be charged at LT-II Tariff as may be applicable.

LT II: LT– Non-Residential or Commercial

(A) 0-20 kW

Applicability

Electricity used at Low/Medium Voltage in all non-residential, non-industrial premises and/or commercial premises for commercial consumption meant for operating various

appliances used for purposes such as lighting, heating, cooling, cooking, washing/cleaning, entertainment/leisure, pumping in following (but not limited to) places:

- a) Non-Residential, Commercial and Business premises, including Shopping malls/Show rooms.
- b) Combined lighting and power services for Entertainment including film studios, cinemas and theatres, including multiplexes, Hospitality, Leisure, Meeting/Town Halls and Recreation and Public Entertainment places.
- c) Offices including Government Offices, Commercial Establishments.
- d) Marriage Halls, Hotels / Restaurants, Ice-cream Parlours, Coffee Shops, etc. Guest Houses, Internet / Cyber Cafes, Mobile Towers, Microwave Towers, Satellite Antennas used for telecommunication activity, Telephone Booths not covered under LT I above, Fax / Xerox Shops.
- e) Automobile and any other type of repair centers, Retail Gas Filling stations, Petrol Pumps & Service Stations including Garages, Tyre Retreading / Vulcanizing units.
- f) Tailoring Shops, Computer Training Institutes, Typing Institutes, Photo Laboratories, Laundries, Beauty Parlour & Saloons.
- g) Banks, Telephone Exchanges, TV Station, Micro Wave Stations, All India Radio Stations, ATM Centers.
- h) For common facilities, like Water Pumping / Street Lighting / Lifts / Fire Fighting Pumps / Premises (Security) Lighting, etc. in Commercial Complexes.
- i) Sports Club, Health Club, Gymnasium, Swimming Pool.
- j) Electricity used for the external illumination of monumental/historical/heritage buildings approved by MTDC.
- k) Construction of all type of structure/ infrastructure such as Buildings, Bridge, Flyovers, Dam, Power Stations, Road, Aerodrome, Tunnels Laying of Pipe line for all purpose; for any construction or renovation activity in the existing premises.
- l) Any residential LT consumer, having consumption greater than 500 units per month (current month during which the supply is being taken), and who undertakes construction or renovation activity in his existing premises, does not require any separate temporary connection and this consumer should be billed at his LT-II Commercial Tariff rate.
- m) Aquaculture, Fisheries, Sericulture and Cattle Breeding Farms.
- n) Research & Development units situated outside Industrial premises.
- o) Airports (only activities not related to aeronautical operations).

Rate Schedule

Consumption Slab (kWh)	Fixed/ Demand Charge	Energy Charge (Rs./kWh)
(A) 0-20 kW		
0 to 200 units per month	Rs. 190 per month	5.85
Above 200 units per month (only balance consumption)	Rs. 190 per month	8.38

(B) > 20 kW and ≤ 50 kW and (C) > 50 kW

Applicability

As per the applicability described in LT II (A) and for the Sanctioned load in the range applicable in this sub-category i.e. LT II (B) and LT II (C)

Rate Schedule

Consumption Slab	Fixed/ Demand Charge	Energy Charge (Rs./kWh)
(B) > 20 kW and ≤ 50 kW	Rs. 190 per kVA per month	8.44
(C) > 50 kW		10.91

TOD Tariffs (in addition to above base tariffs) (in Rs./kWh)		
0600 to 0900 hours		0.00
0900 to 1200 hours		0.80
1200 to 1800 hours		0.00
1800 to 2200 hours		1.10
2200 to 0600 hours		-1.00

Note:

The ToD Tariff is applicable for LT-II (B) and (C) category, and optionally available to LT- II (A) having ToD meter installed.

LT III: LT - Public Water Works and Sewage Treatment Plants

Applicability

Applicable for use of Electricity / Power Supply at Low / Medium Voltage for pumping of water, purification of water & other allied activities related with Public Water Supply Schemes and Sewage Treatment Plants provided such Public Water Supply Schemes and Sewage Treatment Plants are owned, operated and managed by Local Self Government Bodies, like Gram Panchayat, Municipal Council, Municipal Corporation including Maharashtra Jeevan Pradhikaran, and Cantonment Boards.

Public Water Supply Schemes and Sewage Treatment Plants (including other allied activities) owned, operated and managed by any other Agency other than Local Self Government Body (excluding Maharashtra Jeevan Pradhikaran) shall not be eligible for LT III tariff and shall be billed as per either LT II (A) or LT II (B) or LT II (C) or as the case may be, except those covered in LT V.

Rate Schedule

Consumer Category	Fixed/Demand Charge	Energy Charge (Rs./kWh)
(A) 0 - 20 kW	Rs. 50 per kVA per month	2.35
(B) >20 kW and ≤= 40 kW	Rs. 60 per kVA per month	3.11
(C) >40 kW and ≤=50 kW	Rs. 90 per kVA per month	4.20

TOD Tariffs (in addition to above base tariffs) (in Rs./kWh)		
0600 to 0900 hours		0.00
0900 to 1200 hours		0.80
1200 to 1800 hours		0.00
1800 to 2200 hours		1.10
2200 to 0600 hours		-1.00

LT IV: LT- Agricultural

Applicability

Applicable for motive power services exclusively for Agricultural pumping loads and pre-cooling & cold storage for Agricultural Produce on LT Supply.

This Tariff shall also be applicable for use of electricity / power supply at Low / medium Voltage:

- a) For Poultry exclusively undertaking Layer & Broiler activities, including Hatcheries.
- b) For High Tech Agricultural (i.e. Tissue Culture, Green House, Mushroom activities), provided the power supply is exclusively utilized by such Hi-Tech Agriculture Consumers for purpose directly concerned with crop cultivation process and further provided that the power is not utilized for any engineering or industrial process.
- c) For Floriculture, Horticulture, Nurseries, Plantations, but shall not be applicable for Aquaculture, Sericulture, Fisheries, etc.
- d) For Cane crusher and/or fodder cutter for self use for agricultural processing purpose, but shall not be applicable for operating a flour mill, oil mill or expeller in the same premises, either operated by a separate motor or change of belt drive;
- e) For one lamp of wattage up to 40 to be connected to the motive power circuit for use in the pump house.

Rate Schedule

Consumer Category	Fixed/Demand Charge	Energy Charge (Rs./kWh)
LT IV – Agriculture		
Un-metered Tariff		
Category 1 Zones*		
(a) 0-5 HP	Rs. 295 per HP per month	Nil
(b) Above 5 HP	Rs. 325 per HP per month	Nil
Category 2 Zones#		
(a) 0-5 HP	Rs. 240 per HP per month	Nil
(b) Above 5 HP	Rs. 265 per HP per month	Nil
Metered Tariff (including Poultry Farms)	Rs. 20 per HP per month	2.10

*Category 1 Zones (with consumption norm above 1318 hours/HP/year)		
1) Bhandup (U)	2) Pune	3) Nashik

#Category 2 Zones (with consumption norm below 1318 hours/HP/year)		
1) Amravati	2) Aurangabad	3) Kalyan
4) Konkan	5) Kolhapur	6) Latur
7) Nagpur (U)	8) Nagpur	

Note:

Above Tariffs shall be applicable irrespective of whether pre-cooling & cold storage for Agricultural Produce are being used by farmers or traders, and irrespective of the ownership pattern.

- a) The Flat Rate Tariff as above will remain in force only till meters are installed, and once meter is installed; the consumer will be billed as per the Tariff applicable to metered agricultural consumers.
- b) The list of Category 1 Zones (with consumption norm above 1318 hours/ HP/year) &

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Category 2 Zones (with consumption norm below 1318 hours/HP/year) is given above.

- c) Supply under this Tariff will be given for minimum load of 2 HP. If any consumer requires any load of less than 2 HP for agricultural purposes, he shall be required to pay the Fixed Charge/Energy Charge on this basis as if a load of 2 HP is connected.

LT V: LT- Industry

Applicability

Applicable for industrial use at Low/Medium Voltage in premises for purpose of manufacturing, including that used within these premises for general lighting, heating/cooling, etc., excluding Agricultural Pumping Loads.

This Tariff shall also be applicable for use of electricity / power supply for Administrative Office / Time Office, Canteen, Recreation Hall / Sports Club / Health Club / Gymnasium / Swimming Pool exclusively meant for employees of the industry, lifts, water pumps, firefighting pumps, premises (security) lighting, etc. provided all such Administrative Office / Time Office, Canteen, Recreation Hall / Sports Club / Health Club / Gymnasium / Swimming Pool, lifts, water pumps, firefighting pumps, etc. are situated within the same industrial premises and supplied power from the same point of supply;

This Tariff shall also be applicable for use of electricity / power supply by an establishment covered under IT Industry and IT Enabled Services Policy of Government of Maharashtra as may be prevailing from time to time,

This Tariff shall also be applicable for use of electricity / power supply for (but not limited to following purpose):

- a) Flour Mill, Dal Mill, Rice Mill, Poha Mill, Masala Mills, Saw Mills, Powerlooms including other allied activities like, Warping, Doubling, Twisting, etc.
- b) Ice Factory, Ice-cream manufacturing units, Milk Processing / Chilling Plants (Dairy),
- c) Engineering workshops, Engineering Goods Manufacturing units, Printing Press, Transformer repairing workshops
- d) Mining, Quarry & Stone Crushing units;
- e) Garment Manufacturing units,
- f) LPG/CNG bottling plants, etc.
- g) Sewage Water Treatment Plant / Common Effluent Treatment Plant owned, operated and managed by Industrial Association situated within industrial area only

Rate Schedule

Consumer Category	Fixed/Demand Charge	Energy Charge (Rs. /kWh)
LT V - Industrial		
(A) 0 - 20 kW (upto and including 27 HP)	Rs. 190 per connection per month	5.06
(B) Above 20 kW (above 27 HP)	Rs. 130 per kVA per month	7.01

TOD Tariffs (in addition to above base tariffs) (in Rs./kWh)		
0600 to 0900 hours		0.00
0900 to 1200 hours		0.80
1200 to 1800 hours		0.00
1800 to 2200 hours		1.10
2200 to 0600 hours		-1.00

Note:

- a) The ToD Tariff is applicable for LT V (B) and optionally available to LT-V (A) having ToD meter installed.

LT VI: LT- Street Lights

Applicability

Applicable for use of Electricity / Power Supply at Low / Medium Voltage exclusively for the purpose of Street Light Services. This Tariff shall also be applicable for use of Electricity / Power Supply at Low / Medium Voltage for following (but not limited to) purposes, irrespective of whether such facilities are owned, operated and maintained by the local self Government body.

- a) Lighting in Public Garden (should be open for general public free of charge and, will not cover gardens in private township or amusement parks).
- b) Traffic Signals & Traffic Islands.
- c) State Transport Bus Shelters.
- d) Public Sanitary Conveniences; and
- e) Public Water Fountain & such other Public Places open for general public free of charge.

This category shall be applicable for public lighting for those streets which are open for use by the general public. Streets under residential complexes, commercial complexes, industrial premises, etc. will be billed under the Tariff of respective categories. This Tariff shall also be applicable even in case power supply has been released on High Tension for providing Street Light Services.

Rate Schedule

Consumer Category	Fixed/Demand Charge	Energy Charge (Rs./kWh)
LT VI - Street Light		
(A) Grampanchayat, A, B & C Class Municipal Council	Rs. 40 per KW per month	4.12
(B) Municipal Corporation Areas		5.00

Note:

Street Lightings having “Automatic Timers” for switching On/Off the street lights would be levied Demand Charges on lower of the following–

- a) 50 percent of “Contract Demand” or
- b) Actual “Recorded Demand”

LT VII: LT-Temporary Supply

Applicability

LT VII (A) – Temporary Supply Religious (TSR)

Electricity supplied at Low/Medium Voltage for temporary purposes during public religious functions like Ganesh Utsav, Navaratri, Eid, Moharam, Ram Lila, Chattrapati Shivaji Jayanti, Ambedkar Jayanti, Diwali, Christmas, Guru Nanak Jayanti, etc., or areas where community prayers are held, for a period of up to one (1) year.

LT VII (B) - Temporary Supply Others (TSO)

Electricity used at Low/Medium Voltage on a temporary basis for decorative lighting for exhibitions, circus, film shooting, marriages, etc. and any activity not covered under Tariff LT VII (A), for a period of up to one (1) year.

Electricity used at low / medium voltage on an emergency basis for purpose of fire fighting activity by the fire department in residential / other premises should be charged as per respective category of that premises. No Temporary Tariff shall be applied.

Rate Schedule

Consumption Slab (kWh)	Fixed/Demand Charge	Energy Charge (Rs./kWh)
LT VII (A) – All Units	Rs. 250 per connection per month	3.27
LT VII (B) – All Units	Rs. 310 per connection per month	15.07

Note:

In case of LT VII (B), Additional fixed charges of Rs. 150 per 10 kW load or part thereof above 10 kW load shall be payable.

LT VIII: LT - Advertisements and Hoardings

Applicability

Applicable for use of Electricity/ Power Supply at Low/ Medium Voltage for the purpose of advertisements, hoardings and other conspicuous consumption such as external flood light, displays, neon signs at departmental stores, malls, multiplexes, theatres, clubs, hotels and other such entertainment/leisure establishments except those specifically covered under LT-II as well as electricity used for the external illumination of monumental, historical/heritage buildings approved by MTDC, which shall be covered under LT-II category depending upon Sanctioned Load.

This Tariff is also applicable to small hoardings fixed on lamp posts/installed along road side.

Rate Schedule

Consumption Slab (kWh)	Fixed / Demand Charge	Energy Charge (Rs./kWh)
All Units	Rs. 500 per connection month	20.77

Note:

The electricity, that is used for the purpose of indicating/displaying the name and other details of the shops or Commercial premises, for which electric supply is rendered,

shall not be under LT VIII Tariff Category. Such usage of electricity shall be covered under the prevailing Tariff of such shops or commercial premises.

LT IX: LT- Crematorium and Burial Grounds

Applicability

Applicable for use of Electricity/ Power Supply at Low/Medium Voltage in Crematorium and Burial Grounds for all purposes including lighting, and will be applicable only to the portion catering to such activities, and in case part of the area is being used for other commercial purposes, then a separate meter will have to be provided for the same, and the consumption in this meter will be chargeable under LT-II Commercial rates as applicable.

Rate Schedule

Consumption Slab (kWh)	Fixed/Demand Charge	Energy Charge (Rs./kWh)
All Units	Rs. 250 per connection per month	3.37

LT X: LT- Public Services

(A) 0-20 kW

Applicability

This Tariff shall be applicable to Education Institutes, Hospitals, Dispensaries, Primary Health Care Centers, Pathology Laboratories, Police Stations, Post Offices, Defence Establishments (Army, Navy and Air Force), Public Libraries and Reading Rooms, Railway except Traction (Shops on the Platforms/Railway Station/Bus Stands will be billed under Commercial category as per the respective slab), State Transport Establishments; Railway and State Transport Workshops, Fire Service Stations, Jails, Prisons, Courts, Airports (only activities related to aeronautical operations)

Sports Club / Health Club / Gymnasium / Swimming Pool attached to the Educational Institution / Hospital provided said Sports Club / Health Club / Gymnasium / Swimming Pool is situated in the same premises and is exclusively meant for the students / patients of such Educational Institutions & Hospitals.

Rate Schedule

Consumption Slab (kWh)	Fixed/Demand Charge	Energy Charge (Rs./kWh)
(A) 0-20 kW		
0-200 units	Rs. 190 per kVA per month	5.36
Above 200 units	Rs. 190 per kVA per month	7.88

(B) >20 kW and <= 50 kW (C) >50 kW

Applicability same as LT X (A) for supply to consumers with sanctioned demand in the range of >20 kW and <= 50 kW and >50 kW

Rate Schedule

Consumption Slab (kWh)	Fixed/Demand Charge	Energy Charge (Rs./kWh)
(B) > 20 kW and ≤ 50 kW	Rs. 190 per kVA per month	7.79
(C) > 50 kW	Rs. 190 per kVA per month	8.24

TOD Tariffs (in addition to above base tariffs) (in Rs./kWh)		
0600 to 0900 hours		0.00
0900 to 1200 hours		0.80
1200 to 1800 hours		0.00
1800 to 2200 hours		1.10
2200 to 0600 hours		-1.00

Note:

The ToD Tariff is applicable for LT-X (B) and (C) category, and optionally available to LT-X (A) having ToD meter installed.

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HIGH TENSION (HT) – TARIFF

HT I : HT- Industry

Applicability

This category includes consumers taking 3-phase electricity supply at High Voltage for industrial purpose. This Tariff shall also be applicable (but not limited to) for use of electricity / power supply for Administrative Office / Time Office, Canteen, Recreation Hall / Sports Club / Health Club / Gymnasium / Swimming Pool exclusively meant for employees of the industry, lifts, water pumps, firefighting pumps, premises (security) lighting, etc. provided all such Administrative Office / Time Office, Canteen, Recreation Hall / Sports Club / Health Club / Gymnasium / Swimming Pool, lifts, water pumps, firefighting pumps, etc. are situated within the same industrial premises and supplied power from the same point of supply.

This Tariff shall also be applicable for use of electricity / power supply by an establishment covered under IT Industry and IT Enabled Services Policy of Government of Maharashtra as may be prevailing from time to time.

This Tariff shall also be applicable to Research & Development units situated in the same premises of an industry and taking supply from the same point of supply. However R&D units situated at other place and taking supply from different point of supply shall be billed as per either HT (II) (A) or HT (II) (B) as the case may be;

This Tariff shall also be applicable for use of electricity / power supply for operating:

- Flour Mill, Dal Mill, Rice Mill, Poha Mill, Masala Mills, Saw Mills, Powerlooms including other allied activities like, Warping, Doubling, Twisting, etc
- Ice Factory, Ice-cream manufacturing units, Milk Processing / Chilling Plants (Dairy),
- Engineering workshops, Engineering Goods Manufacturing units, Printing Press, Transformer repairing workshops,
- Mining, Quarry & Stone Crushing units;
- Garment Manufacturing units,
- Sewage Water Treatment Plant / Common Effluent Treatment Plant owned, operated and managed by Industrial Association situated within industrial area only.

Seasonal Industry

Applicable to Seasonal consumers, who are defined as "One who works normally during a part of the year up to a maximum of 9 months, such as Cotton Ginning Factories, Cotton Seed Oil Mills, Cotton Pressing Factories, Salt Manufacturers, Khandsari/Jaggery Manufacturing Units, or such other consumers who opt for a seasonal pattern of consumption, such that the electricity requirement is seasonal in nature.

Rate Schedule

Consumer Category	Demand Charge	Energy Charge (Rs./kWh)
HT I - Industry		
Continuous Industry (on express feeder)	Rs.190 per kVA per month	7.01
Non-continuous Industry (not on express feeder)	Rs.190 per kVA per month	6.33
Seasonal Industry	Rs.190 per kVA per month	7.79

TOD Tariffs (in addition to above base tariffs) (in Rs./kWh)		
0600 to 0900 hours		0.00
0900 to 1200 hours		0.80
1200 to 1800 hours		0.00
1800 to 2200 hours		1.10
2200 to 0600 hours		-1.00

Note:

- High Tension Industrial consumers having captive generation facility synchronised with the grid, will pay additional Demand Charges of Rs. 20/kVA/Month only on the extent of Standby Contract Demand component and not on the entire Contract Demand (Standby Contract Demand component).
- Standby Charges will be levied on such consumers on the standby component, only if the consumer's demand exceeds the Contract Demand.
- This additional Demand Charge will not be applicable, if there is no standby demand & the Captive Unit is synchronised with the Grid only for the export of power.
- Only HT industries connected on express feeders and demanding continuous supply will be deemed as HT Continuous Industry and given continuous supply, while all other HT industrial consumers will be deemed as HT Non-Continuous Industry.

HT II: HT- Commercial

HT II (A): EXPRESS FEEDERS

Applicability

Applicable for use of electricity / power supply at High Tension on Express Feeders in all non-residential, non-industrial premises and/or commercial premises for commercial consumption meant for operating various appliances used for purposes such as lighting, heating, cooling, cooking, washing/cleaning, entertainment/leisure, pumping in following (but not limited to) places:

- Non-Residential, Commercial and Business premises, including Shopping Malls / Show Rooms;
- Film Studios, Cinemas and Theatres including Multiplexes, Hospitality, Leisure, Meeting / Town Halls and Places of Recreation & Public Entertainment;
- Offices including Government Offices, Commercial Establishments,
- Marriage Halls, Hotels / Restaurants, Guest Houses, Internet / Cyber Cafes, Mobile Towers, Microwave Towers, Satellite Antennas used for telecommunication activity, Telephone Booths, Fax / Xerox Shops;
- Automobile, Any Other Type of Workshops, Petrol Pumps & Service Stations including Garages, Tyre Retreading / Vulcanizing units;
- Tailoring Shops, Computer Training Institutes, Typing Institutes, Photo Laboratories, Laundries;
- Printing Press,
- Banks, Telephone Exchanges, TV Station, Micro Wave Stations, All India Radio Stations,
- For common facilities, like Water Pumping / Street Lighting / Lifts / Fire Fighting Pumps / Premises (Security) Lighting, etc. in Commercial Complexes;
- Sports Club, Health Club, Gymnasium, Swimming Pool;
- External illumination of monumental / historical / heritage buildings approved by MTDC;

- l) Construction purposes
- m) Aquaculture, Sericulture, Fisheries, Cattle Breeding Farms;
- n) Research & Development units situated outside Industrial premises;
- o) Airports (only activities not related to aeronautical operations)

The Consumers belonging to HT II requiring a single point supply for the purpose of downstream consumption by separately identifiable entities will have to either operate through a franchisee route or such entities will have to take individual connections under relevant category. These downstream entities will pay appropriate Tariff as applicable as per MSEDCL Tariff Schedule, i.e., LT II.

HT II (B): NON- EXPRESS FEEDERS

Applicability

As per HT II (A)

Rate Schedule

Consumer Category	Demand Charge	Energy Charge (Rs./kWh)
HT II - Commercial		
(A) Express Feeder	Rs.190 per kVA per month	10.45
(B) Non-express Feeder	Rs.190 per kVA per month	9.83

TOD Tariffs (in addition to above base tariffs) (in Rs./kWh)		
0600 to 0900 hours		0.00
0900 to 1200 hours		0.80
1200 to 1800 hours		0.00
1800 to 2200 hours		1.10
2200 to 0600 hours		-1.00

HT III: HT - Railway Traction

Applicability

This Tariff is applicable for power supply to Railway Traction only.

Rate Schedule

Consumer Category	Demand Charge (Rs./kVA/month)	Energy Charge (Rs./kWh)
HT III - Railway Traction	Nil	7.81

HT IV: HT - Public Water Works and Sewage Treatment Plants

Applicability

Applicable for use of Electricity / Power Supply at high Voltage for pumping of water, purification of water & other allied activities related with Public Water Supply Schemes and Sewage Treatment Plants provided such Public Water Supply Schemes and Sewage Treatment Plants are owned, operated and managed by Local Self Government Bodies, like Gram Panchayat, Municipal Council, Municipal Corporation including Maharashtra Jeevan Pradhikaran, and Cantonment Boards;

Public Water Supply Schemes and Sewage Treatment Plants (including other allied activities) owned, operated and managed by any other Agency other than Local Self Government Body (excluding Maharashtra Jeevan Pradhikaran) shall not be eligible for

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HT IV Tariff and shall be billed as per either HT II (A) or HT II (B) or as the case may be, except those covered in HT I.

Rate Schedule

Consumer Category	Demand Charge	Energy Charge (Rs./kWh)
HT IV - Public Water Works		
Express Feeders	Rs. 190 per kVA per month	5.05
Non- Express Feeders		4.73

TOD Tariffs (in addition to above base tariffs) (in Rs./kWh)		
0600 to 0900 hours		0.00
0900 to 1200 hours		0.80
1200 to 1800 hours		0.00
1800 to 2200 hours		1.10
2200 to 0600 hours		-1.00

HT V: HT – Agricultural

Applicability

Applicable for Electricity / Power Supply at High Tension for pumping of water exclusively for the purpose of agricultural / cultivation of crops including HT Lift Irrigation Schemes (LIS) irrespective of ownership and also for

- (i) For pre-cooling plants & cold storage units for Agricultural Produce, irrespective of whether pre-cooling plants & cold storage units for Agricultural Produce are being used by farmers or traders, and irrespective of the ownership of such plants /units,
- (ii) For Poultry exclusively undertaking Layer & Broiler activities, including Hatcheries;
- (iii) For High Tech Agricultural (i.e. Tissue Culture, Green House, Mushroom activities), provided the power supply is exclusively utilized by such Hi-Tech Agriculture Consumers for purpose directly concerned with crop cultivation process and further provided that the power is not utilized for any engineering or industrial process;
- (iv) For Floriculture, Horticulture, Nurseries, Plantations, but shall not be applicable for Aquaculture, Sericulture, Fisheries, etc.
- (v) For Cane crusher and/or fodder cutter for self use for agricultural processing purpose, but shall not be applicable for operating a flour mill, oil mill or expeller in the same premises, either operated by a separate motor or change of belt drive;

Rate Schedule

Consumption Slab (kWh)	Demand Charge	Energy Charge (Rs./kWh)
All Units	Rs. 30 per kVA per month	2.88

HT VI: Bulk Supply (Group Housing Society & Commercial Complex)

Applicability

Applicable for consumers taking supply at HT voltages at single point for consumption within HT Residential Complexes, viz., Group Housing Societies, Colonies of industrial consumers and educational institutions, Government and Private Pure Residential Housing Colonies, Government and Private Mix (Residential + Commercial) Housing Colonies and Commercial Complexes only.

Rate Schedule

Consumer Category	Demand Charge	Energy Charge (Rs./kWh)
HT VI		
Group Housing Society	Rs. 160 per kVA per month	4.82
Commercial Complex		8.21

Note:

- Demand Charges as above will however be applicable only when the power supply to such Residential/Commercial Complexes is given through independent point of supply. In case of mixed complexes, use of sub-meters is essential for arriving at energy charges for type of category. HT VI Tariff will be applicable only for Group Housing Societies and Colonies of industrial consumers and educational institutions.
- MSEDCL is directed to ensure metering arrangements so that consumers currently classified under HT-VI Commercial Category, and requiring a single point supply, will have to either operate through a franchisee route or take individual connections under relevant category.

HT VIII - HT - Temporary Supply

HT VIII (A) – Temporary Supply Religious (TSR)

Applicability

Electricity supplied at high Voltage for temporary purposes during public religious functions like Ganesh Utsav, Navaratri, Eid, Moharam, Ram Lila, Chattrapati Shivaji Jayanti, Ambedkar Jayanti, Diwali, Christmas, Guru Nanak Jayanti, etc., or areas where community prayers are held, for a period of up to one (1) year.

HT VIII (B) - Temporary Supply Others (TSO)

Applicability

Electricity used at high Voltage on a temporary basis for decorative lighting for exhibitions, Circus, film shooting, marriages, etc. and any activity not covered under Tariff LT VII (A), for a period of up to one (1) year.

Electricity used at high voltage on an emergency basis for purpose of fire fighting activity by the fire department in residential / other premises should be charged as per respective category of that premises. No Temporary Tariff shall be applied

Rate Schedule

Consumption Slab (kWh)	Fixed/Demand Charge	Energy Charge (Rs./kWh)
HT VIII (A) – Temporary Supply Religious	Rs. 250 per connection per month	3.27
HT VIII (B) – Temporary Supply Others	Rs. 250 per connection per month	12.82

Note:

Additional fixed charges of Rs. 150 per 10 kW load or part thereof above 10 kW load shall be payable.

HT IX - Public Services

Applicability

This Tariff shall be applicable to Education Institutes, Hospitals, Dispensaries, Primary Health Care Centers, Pathology Laboratories, Police Stations, Post Offices, Defence Establishments (Army, Navy and Air Force), Public Libraries and Reading Rooms, Railway except Traction (Shops on the Platforms / Railway Station / Bus Stands will be billed under Commercial category as per the respective slab), State Transport Establishments; Railway and State Transport Workshops, Fire Service Stations, Jails, Prisons, Courts; Airports (only activities related to Aeronautical Operations)

Sports Club / Health Club / Gymnasium / Swimming Pool attached to the Educational Institution / Hospital provided said Sports Club / Health Club / Gymnasium / Swimming Pool is situated in the same premises and is exclusively meant for the students / patients of such Educational Institutions & Hospitals.

Consumer Category	Demand Charge	Energy Charge (Rs./kWh)
HT Public services		
(A) Express Feeders	Rs. 190 per kVA per month	8.21
(B) Non- Express Feeders		7.65

TOD Tariffs (in addition to above base tariffs) (in Rs./kWh)		
0600 to 0900 hours		0.00
0900 to 1200 hours		0.80
1200 to 1800 hours		0.00
1800 to 2200 hours		1.10
2200 to 0600 hours		-1.00

MISCELLANEOUS AND GENERAL CHARGES

Fuel Adjustment Cost (FAC) Charges

The FAC charge will be determined based on the approved Formula and relevant directions, as may be given by the Commission from time to time and will be applicable to all consumer categories for their entire consumption. The FAC Formula takes into account any change in the cost of own generation and power purchase due to variations in the fuel cost. Fuel Price shall mean the landed cost of fuel at power station battery limits and will consist of only following components:

- a) Basic Fuel Price including statutory taxes, duties, royalty as applicable.
- b) Transportation (freight) cost by rail/road/pipeline or any other means including transportation service charges for bringing fuel up to the Power Station boundary.
- c) Fuel Treatment Charges such as washing / cleaning charges, Sizing Crushing Charges, Fuel Analysis Charges etc. for making fuel up to the required grade / quality.
- d) Fuel Handling Charges, including that towards loading and unloading charges for bringing fuel to the power station boundary.

Besides above, the Commission specifies a ceiling on "transportation service charge", at 2% of the freight charge.

The FAC charge shall be computed and levied/refunded, as the case may be, on a monthly basis. The following Formula shall be used for computing FAC:

$$\begin{aligned} \text{FAC} &= \text{C} + \text{I} + \text{B} \text{ where,} \\ \text{FAC} &= \text{Total Fuel Cost and Power Purchase Cost Adjustment} \\ \text{C} &= \text{Change in cost of own generation and power purchase due to} \\ &\quad \text{variation in the fuel cost,} \\ \text{I} &= \text{Interest on Working Capital,} \\ \text{B} &= \text{Adjustment Factor for over-recovery/under-recovery.} \end{aligned}$$

The details for each month shall be available on MSEDCL website at www.mahadiscom.in.

The FAC will be charged on a monthly basis in proportion to the variable charges of each category/consumption slab, and the details of the computation and recovery for the same will be submitted to the Commission for post-facto approval, on a quarterly basis.

Electricity Duty

The Electricity Duty and Tax on Sale of Electricity will be charged in addition to charges levied as per the tariffs mentioned hereunder (as approved by the Commission) as per the Government guidelines from time to time. However, the rate and the reference number of the Government Resolution/ Order vide which the Electricity Duty and Tax on Sale of Electricity is made effective, shall be stated in the bill. A copy of the said Resolution/Order shall be made available on MSEDCL website at www.mahadiscom.in.

Power Factor Calculation

Wherever, the average power factor measurement is not possible through the installed meter, the following method for calculating the average power factor during the billing period shall be adopted-

$$\text{Average Power Factor} = \frac{\text{Total (kWh)}}{\text{Total (kVAh)}}$$

$$\text{Wherein the kVAh is} = \sqrt{\sum (\text{kWh})^2 + \sum (\text{RkVAh})^2}$$

(i.e., Square Root of the summation of the squares of kWh and RkVAh)

Power Factor Incentive

(Applicable for HT I, HT II, HT IV, HT V, HT VI and IX categories, as well as LT II (B), LT II (C), LT III, LT V (B), LT X (B) and LT X (C) categories)

Whenever the average power factor is more than 0.95, an incentive shall be given at the rate of the following percentages of the amount of the monthly bill including energy charges, reliability charges, FAC, and Fixed/Demand Charges, but excluding Taxes and Duties.

Sr. No.	Range of Power Factor	Power Factor Level	Incentive
1	0.951 to 0.954	0.95	0%
2	0.955 to 0.964	0.96	1%
3	0.965 to 0.974	0.97	2%
4	0.975 to 0.984	0.98	3%
5	0.985 to 0.994	0.99	5%
6	0.995 to 1.000	1.00	7%

Note:

PF to be measured/computed upto 3 decimals, after universal rounding off.

Power Factor Penalty

(Applicable for HT I, HT II, HT IV, HT V, HT VI and IX categories, as well as LT II (B), LT II (C), LT III, LT V (B), LT X (B) and LT X (C) categories)

Whenever the average PF is less than 0.9, penal charges shall be levied at the rate of the following percentages of the amount of the monthly bill including energy charges, reliability charges, FAC, and Fixed/Demand Charges, but excluding Taxes and Duties:

Sr. No.	Range of Power Factor	Power Factor Level	Penalty
1	0.895 to 0.900	0.90	0%
2	0.885 to 0.894	0.89	2%
3	0.875 to 0.884	0.88	3%
4	0.865 to 0.874	0.87	4%
5	0.855 to 0.864	0.86	5%

6	0.845 to 0.854	0.85	6%
7	0.835 to 0.844	0.84	7%
8	0.825 to 0.834	0.83	8%
9	0.815 to 0.824	0.82	9%
10	0.805 to 0.814	0.81	10%
...

Note: PF to be measured/computed upto 3 decimals, after universal rounding off .

Prompt Payment Discount

A prompt payment discount of one percent on the monthly bill (excluding Taxes and Duties) shall be available to the consumers if the bills are paid within a period of 7 days from the date of issue of the bill, or within 5 days of the receipt of the bill, whichever is later.

Delayed Payment Charges (DPC)

In case the electricity bills are not paid within the due date mentioned on the bill, delayed payment charges of 2 percent on the total electricity bill (including Taxes and Duties) shall be levied on the bill amount. **However, if a consumer makes part payment of a bill within the due date, then the delayed payment charges shall be applicable only on the amount which was not paid within the due date. For the purpose of computation of time limit for payment of bills, "the day of presentation of bill" or "the date of the bill" or "the date of issue of the bill", etc. as the case may be, will not be excluded.**

Rate of Interest on Arrears

The rate of interest chargeable on arrears will be as given below for payment of arrears-

Sr. No.	Delay in Payment (months)	Interest Rate per annum (%)
1	Payment after due date up to 3 months (0-3)	12
2	Payment made after 3 months and before 6 months (3-6)	15
3	Payment made after 6 months (>6)	18

Load Factor Incentive

Consumers having load factor over 75% upto 85% will be entitled to a rebate of 0.75% on the energy charges for every percentage point increase in load factor from 75% to 85%. Consumers having a load factor over 85 % will be entitled to rebate of 1% on the energy charges for every percentage point increase in load factor from 85%. The total rebate under this head will be subject to a ceiling of 15% of the energy charges for that consumer. This incentive is limited to HT I, HT II and HT IX categories only. Further, the load factor rebate will be available only if the consumer has no arrears with MSEDCL, and payment is made within seven days from the date of the bill. However, this incentive will be applicable to consumers where payment of arrears in instalments has been granted by MSEDCL, and the same is being made as scheduled. MSEDCL has to take a commercial decision on the issue of how to determine the time frame for which the payments should have been made as scheduled, in order to be eligible for the Load Factor incentive.

The Load Factor has been defined below:

$$\text{Load Factor} = \frac{\text{Consumption during the month in MU}}{\text{Maximum Consumption Possible during the month in MU}}$$

Maximum consumption possible = Contract Demand (kVA) x Actual Power Factor x (Total no. of hrs during the month less planned load shedding hours*)

* - Interruption/non-supply to the extent of 60 hours in a 30 day month has been built in the scheme.

In case the billing demand exceeds the contract demand in any particular month, then the load factor incentive will not be payable in that month. (The billing demand definition excludes the demand recorded during the non-peak hours i.e. 22:00 hrs to 06:00 hrs and therefore, even if the maximum demand exceeds the contract demand in that duration, load factor incentives would be applicable. However, the consumer would be subjected to the penal charges for exceeding the contract demand and has to pay the applicable penal charges).

Penalty for exceeding Contract Demand

In case, a consumer (availing Demand based Tariff) exceeds his Contract Demand, he will be billed at the appropriate Demand Charge rate or the Demand actually recorded and will be additionally charged at the rate of 150% of the prevailing Demand Charges (only for the excess Demand over the Contract Demand).

In case any consumer exceeds the Contract Demand on more than three occasions in a calendar year, the action taken in such cases would be governed by the Supply Code.

Additional Demand Charges for Consumers having Captive Power Plant

For customers having Captive Power Plant (CPP), the additional demand charges would be at a rate of Rs. 20/ kVA/month only on extent of Stand-by demand component, and not on the entire Contract Demand. Additional Demand Charges will be levied on such consumers on the Stand-by component, only if the consumer's demand exceeds the Contract Demand.

EHV supply rebate

Consumers availing supply at Extra High Voltage (66 kV and above) will be given a rebate of 3% on Energy Charges. Further, the EHV supply rebate will be available only if the consumer has no arrears with MSEDCL. However, this rebate will be applicable to consumers where payment of arrears in installments has been granted by MSEDCL, and the same is being made as scheduled. MSEDCL has to take a commercial decision on the issue of how to determine the time frame for which the payments should have been made as scheduled, in order to make the consumer eligible for the EHV supply rebate.

Security Deposit

- 1) Subject to the provisions of sub-section (5) of Section 47 of the Act, the Distribution Licensee may require any person to whom supply of electricity has been sanctioned to deposit a security in accordance with the provisions of clause (a) of sub-section (1) of Section 47 of the Electricity Act, 2003.
- 2) The amount of the security shall be an equivalent of the average of three months of billing or the billing cycle period, whichever is lesser. For the purpose of determining the average billing, the average of the billing to the consumer for the last twelve

months, or in cases where supply has been provided for a shorter period, the average of the billing of such shorter period, shall be considered:

Provided that in the case of seasonal consumers, the billing for the season for which supply is provided shall be used to calculate the average billing.

- 3) Where the Distribution Licensee requires security from a consumer at the time of commencement of service, the amount of such security shall be estimated by the Distribution Licensee based on the tariff category and contract demand / sanctioned load, load factor, diversity factor and number of working shifts of the consumer.
- 4) The Distribution Licensee shall re-calculate the amount of security based on the actual billing of the consumer once in each financial year.
- 5) Where the amount of security deposit maintained by the consumer is higher than the security required to be maintained under MERC (Supply Code) Regulation, 2005, the Distribution Licensee shall refund the excess amount of such security deposit in a single payment:
Provided that such refund shall be made upon request of the person who gave the security and with an intimation to the consumer, if different from such person, shall be, at the option of such person, either by way of adjustment in the next bill or by way of a separate cheque payment within a period of thirty (30) days from the receipt of such request:
Provided further that such refund shall not be required where the amount of refund does not exceed the higher of ten (10) per cent of the amount of security deposit required to be maintained by the consumer or Rupees Three Hundred.
- 6) Where the amount of security re-calculated pursuant as above, is higher than the security deposit of the consumer, the Distribution Licensee shall be entitled to raise a demand for additional security on the consumer.
Provided that the consumer shall be given a time period of not less than thirty days to deposit the additional security pursuant to such demand.
- 7) Upon termination of supply, the Distribution Licensee shall, after recovery of all amounts due, refund the remainder amount held by the Distribution Licensee to the person who deposited the security, with an intimation to the consumer, if different from such person.
- 8) A consumer - (i) with a consumption of electricity of not less than one lac (1,00,000) kilo-watt hours per month; and (ii) with no undisputed sums payable to the Distribution Licensee under Section 56 of the Act may, at the option of such consumer, deposit security, by way of cash, irrevocable letter of credit or unconditional bank guarantee issued by a scheduled commercial bank.
- 9) The Distribution Licensee shall pay interest on the amount of security deposited in cash (including cheque and demand draft) by the consumer at a rate equivalent to the bank rate of the Reserve Bank of India:
Provided that such interest shall be paid where the amount of security deposited in cash under the Regulation 11 of Supply Code of is equal to or more than Rupees Fifty.
- 10) Interest on cash security deposit shall be payable from the date of deposit by the consumer till the date of dispatch of the refund by the Distribution Licensee.

Definitions:

Billing Demand for LT Consumer Categories

Billing Demand for LT II (B), LT II (C), LT III and LT V (B) category having MD based tariff:-

Monthly Billing Demand will be the higher of the following:

- a) 65% of the Actual Maximum Demand recorded in the month during 0600 hours to 2200 hours
- b) 40% of the Contract Demand

Note:

- Demand registered during the period 0600 to 2200 hrs. will only be considered for determination of the Billing demand.
- In case of change in Contract Demand, the period specified in Clause (a) above will be reckoned from the month following the month in which the change of Contract Demand takes place.

Billing Demand for HT Consumer Categories

Billing Demand for HT I, HT II, HT III, HT IV, HT V, HT VI, and HT VII) Monthly Billing Demand will be the higher of the following:

- i. Actual Maximum Demand recorded in the month during 0600 hours to 2200 hours
- ii. 75% of the highest billing demand recorded during the preceding eleven months, subject to the limit of Contract Demand
- iii. 50% of the Contract Demand.

Note:

- Demand registered during the period 0600 to 2200 hrs will only be considered for determination of the Billing demand.
- In case of change in Contract Demand, the period specified in Clause (i) above will be reckoned from the month following the month in which the change of Contract Demand takes place.

HT Seasonal Category (HT I)

During Declared Season, Monthly Billing Demand will be the higher of the following:

- i. Actual Maximum Demand recorded in the month during 0600 hours to 2200 hours
- ii. 75% of the Contract Demand
- iii. 50 kVA.

During Declared Off-season Monthly Billing Demand will be the following:

- i) Actual Maximum Demand recorded in the month during 0600 hours to 2200 hours.

The Billing Demand for the consumers with CPP will be governed as per the CPP Order in case No. 55 and 56 of 2003.

Contract Demand

Contract Demand means demand in Kilowatt (kW) / Kilo –Volt Ampere (kVA), mutually agreed between MSEDCL and the consumer as entered into in the agreement or agreed through other written communication (For conversion of kW into kVA, Power Factor of 0.80 shall be considered).

Sanctioned Load

Sanctioned Load means load in Kilowatt (kW) mutually agreed between MSEDCL and the consumer.

In case the meter is installed on the LV/MV side, the methodology to be followed for billing purpose is as follows

- 2% to be added to MV demand reading, to determine the kW or kVA billing demand, and
- 'X' units to the MVA reading to determine the total energy compensation to compensate the transformation losses, where is calculated as follows

'X' = (730 * KVA rating of transformer)/500 Units/month, to compensate for the iron losses, plus one percent of units registered on the LT side for copper losses.

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