

**MAHARASHTRA STATE
ELECTRICITY DISTRIBUTION
CO. LTD.**



**LOW TENSION TARIFF BOOKLET
APPLICABLE WITH EFFECT FROM
01/10/2006**

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.

(WITH EFFECT FROM 1ST October 2006)

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, by its Order dated 29th September 2006 as well as detailed Order dated 20th October 2006 in the matter of Case No. 54 of 2005, the tariff for supply of Electricity by Maharashtra State Electricity Distribution Company Limited (MAHAVITARAN) for various classes of consumers is applicable from 1ST October 2006 to 31ST March 2007 and has issued further clarifications to tariff so determined.

GENERAL:

1. These tariffs supersede all tariffs so far in force except 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 the MSEDCL from time to time as per the directives of the Commission.
3. The tariffs are exclusive of electricity duty, excise duty, 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. The MSEDCL reserves the right to measure the Maximum Demand on any period shorter than 30 minute period of maximum use, subject to conformity with the prevalent Supply Code, in cases where the MSEDCL considers that there are considerable load fluctuations in operation.
6. The tariffs are subject to the provisions of the MERC (Electricity Supply Code & Other Conditions of Supply) Regulation, 2005 in force (i. e. as on 20th January 2005) and directions, if any that may be issued by the Hon'ble Commission from time to time.
7. Unless specifically stated to the contrary, the figures relate to paise per unit charge for energy consumed during the month.
8. Fuel Adjustment Costs Charge (FAC) as may be approved by the Hon'ble Commission from time to time shall be applicable to all categories of consumers.
9. The Hon. Commission has introduced a new charge "Additional Supply Charge" to compensate the costly power purchase; which will be in addition to the base tariffs.
10. The "Additional Supply Charge" shall depend upon the ratio of contribution of costly power to the consumption mix of a particular region and therefore shall vary depending upon the geographical location (i. e. load shedding hours) & the consumer category, as indicated in Table – III enclosed and will be charged based on Load Shedding pattern.
11. The "Additional Supply Charge" shall be separately shown in the energy bills and any over or under recovery shall be adjusted against the same set of consumers;
12. Additional Supply Charges shall be considered for computing "Electricity Duty" as well the Rebates / Incentives/ Penalties / DPC / Additional Security Deposit. Similarly, the "Additional Supply Charge" shall also be considered for determination of assessment under Section 126 and Section 135 of the Electricity Act, 2003.

LOW TENSION TARIFF

1. LT I – Domestic:

Applicability:	<p>Power supply used for appliances like Light, fans, refrigerator, Air-Conditioners, heaters, small cookers, radios, T.V. sets, battery charger equipments, X-ray machines, small motors up to 1 HP attached to appliances and water pump in following places:</p> <ol style="list-style-type: none"> a) Residential places, b) Religious places like temples, churches, mosques, c) Educational institutions, d) Hospitals of Government, Hospitals of Zilla Parishads and Hospitals of ESIS Corporations, e) Students Hostels affiliated to and / or managed by Government recognised Educational Institutions / Registered Charitable Institutions, except such students Hostels affiliated to and / or managed by private Engineering / Medical Colleges or such other Professional Colleges, f) All Ladies Hostels, such as Students (Girls) Hostels, Working Women Hostels, etc. managed by Government or Recognised Charitable Trusts, g) Other type of Hostels, like (i) Ex-Servicemen's Hostel / Rest House / Guest House, (ii) Homes / Hostels for Destitute, Handicap or Mentally derailed persons (iii) Remand Homes (iv) Dharmashalas, etc., subject to verification & confirmation by the Board's concerned Zonal Chief Engineer, h) Dispensaries / Hospitals run & managed by Registered Charitable Institutions, 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.
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BASE TARIFF:

Consumer Category	Fixed Charges (Rs/service connection per month)	Energy Charge (Paise/kWh)
LT I (Domestic)		
Below the Poverty Line Consumers (0-30 Units)	Rs 3 per service connection	40
Consumption more than 30 Units per Month		
0-100 Units	Single Phase: Rs. 40 per service connection;	190
101- 300 Units		340
Above 300 Units (Only balance Units)	Three Phase: Rs. 100 per service connection; Additional Fixed charge of Rs. 100 per 10 KW load or part thereof above 10 KW load shall be payable.	450

NOTE:

1. The "Additional Supply Charge" shall depend upon the ratio of contribution of costly power to the consumption mix of a particular region and therefore shall vary depending

upon the geographical location (i. e. load shedding hours) & the consumer category and will be charged based on Load Shedding pattern.

2. Domestic consumers under "Below Poverty Line" category having consumption less than or up to 30 units per month are exempted from "Additional Supply Charge".
3. The residential consumers consuming less than 300 units per month shall pay only 10% of the Additional Supply Charge for the respective consumption from costly source, which works out to 48 Ps/unit in addition to the revised tariffs.

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2. LT II – Non-Domestic:

Applicability:	Power supply used for appliances like Light, fans, refrigerator, heaters, small cookers, radios, T.V. sets, battery charger equipments, X'-ray machines, small motors up to 1 HP attached to appliances and domestic water pump in following places: <ol style="list-style-type: none"> a) Non-domestic, Commercial & Business premises, b) Hospitals, other than those mentioned at LD-1, c) Hostels, other than those mentioned at LD-1, Combined lighting & power services for Cinema theatres, Drama theatres, Video Parlours, and public meeting halls, Recreation places.
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BASE TARIFF:

Consumer Category	Fixed Charges/Demand Charges (Rs/service connection per month)	Energy Charge (Paise/kWh)
LT II (Non Domestic)		
0-100 Units	Single Phase: Rs. 100 per service connection;	290
101- 200 Units		375
Above 200 Units (Only balance Units)	Three Phase: Rs. 150 per service connection; Additional Fixed Charge of Rs. 150 per 10 KW load or part thereof above 10 KW load shall be payable. Optional LTMD based Tariff will be available for all consumers.	490

NOTE:

1. The "Additional Supply Charge" shall depend upon the ratio of contribution of costly power to the consumption mix of a particular region and therefore shall vary depending upon the geographical location (i. e. load shedding hours) & the consumer category and will be charged based on Load Shedding pattern.

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3. Advertisement & Hoarding:

Applicability:	Applicable for electricity supply at LT for Advertisement & Hoardings.
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BASE TARIFF:

Consumer Category	Demand Charges (Rs/service connection per month)	Energy Charge (Paise/kWh)
Advertisement & Hoarding	Rs 200 per connection	1100

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4. LT III - Public Water Works:

Applicability:	Applicable for LT Power Supply to Public Water Supply Schemes.
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BASE TARIFF:

Consumer Category	Demand Charges (Rs/KVA/month)	Energy Charge (Paise/kWh)
LT III - Public Water Works		
0- 20 KW	Rs 50 per KVA per month	100
21-40 KW	Rs 60 per KVA per month	150
41-50 KW	Rs 90 per KVA per month	240
Above 50 Kw	Rs 90 per KVA per month	240

NOTE:

- The "Additional Supply Charge" shall depend upon the ratio of contribution of costly power to the consumption mix of a particular region and therefore shall vary depending upon the geographical location (i. e. load shedding hours) & the consumer category and will be charged based on Load Shedding pattern.

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5. LT I V - Agricultural:

Applicability:	Applicable for motive power services exclusively for Agricultural pumping loads on LT Supply.
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BASE TARIFF:

Consumer Category	Demand Charges (Rs/HP/month)	Energy Charge (Paise/kWh)
LT IV - Agriculture		
Un-metered Tariff		
Category 1 Zones*	Rs 180 per HP per month	0
Category 2 Zones#	Rs 150 per HP per month	0
Metered Tariff (including Poultry Farms)	Rs 15 per HP per month	110

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

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

NOTE:

1. The "Additional Supply Charge" is not applicable to this category.
2. The Flat Rate tariff as above will remain in force only till meters are installed & once meter is installed; the consumer will be billed as per the tariff applicable to metered agricultural consumers.
3. The list of Category 1 Zones (with consumption norm above 1318 hours / HP / year) & Category 2 Zones (with consumption norm below 1318 hours / HP / year) is given above.
4. The Poultry (exclusively undertaking Layer & Broiler activities) consumers as well as High Tech Agricultural (i.e. Tissue Culture, Green House, Mushroom activities) consumers will be billed as per agricultural metered tariff.
5. 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 Demand Charges / Energy Charges on this basis as if a load of 2 HP is connected.
6. This tariff is also available for purpose of operating a cane crusher and / or fodder cutter, etc. for self use for agricultural processing purpose, but not for operating a flour mill, oil mill or expeller in the same premises, either operated by a separate motor or change of belt drive.
7. One lamp of wattage up to 40 watts will be allowed to be connected to the motive power circuit for use in the pump house.

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6. LT V - General Motive Power :

Applicability:	Applicable for General Motive Power Services excluding Agricultural Pumping Loads. This Tariff shall also be applicable to IT Industry & IT enabled services (as defined in the Government of Maharashtra policy).
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BASE TARIFF:

Consumer Category	Demand Charges (Rs/KVA/month)	Energy Charge (Paise/kWh)
LT V - General Motive Power MD based tariff will be applicable to all the consumers		
0-1000 units	Rs. 220 per KVA per month for 65% of Maximum Demand or 40% of the Contracted Demand whichever is higher.	300
Above 1000 Units (Only balance Units)		400

TOD Tariff (In addition to Base Tariff):

Consumption during following hours of the day	Energy Charge (p/u)
2200 hrs - 0600 hrs	(85)
0600 hrs - 0900 hrs	0
0900 hrs - 1200 hrs	80
1200 hrs - 1800 hrs	0
1800 hrs - 2200 hrs	110

NOTE:

1. The "Additional Supply Charge" shall depend upon the ratio of contribution of costly power to the consumption mix of a particular region and therefore shall vary depending

- upon the geographical location (i. e. load shedding hours) & the consumer category and will be charged based on Load Shedding pattern.
- This tariff, including all other provisions as above, will also be applicable for powerloom consumers.

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7. LT VI - Street Light:

Applicability:	Applicable for LT street light services.
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BASE TARIFF:

Consumer Category	Demand Charges (Rs/KVA/month) or(Rs/HP/month) or (Rs/service connection per month)	Energy Charge (Paise/kWh)
LT VI - Street Light		
Grampanchayat, A, B & C Class Municipal Council	Rs. 30 per KW per month	210
Municipal Corporation Areas		250

NOTE:

- The "Additional Supply Charge" shall depend upon the ratio of contribution of costly power to the consumption mix of a particular region and therefore shall vary depending upon the geographical location (i. e. load shedding hours) & the consumer category and will be charged based on Load Shedding pattern.

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8. LT VII - Temporary:

Applicability:	Applicable to Temporary Power Supply only.
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BASE TARIFF:

Consumer Category	Demand Charges (Rs/service connection per month)	Energy Charge (Paise/kWh)
LT VII - Temporary		
Temporary Connections (other Purpose)	Rs 250 per connection per occasion of supply	850
Temporary Connections- Religious	Rs 200 per connection per occasion of supply	170

NOTE:

- The "Additional Supply Charge" shall depend upon the ratio of contribution of costly power to the consumption mix of a particular region and therefore shall vary depending upon the geographical location (i. e. load shedding hours) & the consumer category and will be charged based on Load Shedding pattern.
- Temporary Connections (other Purpose): For any construction works, exhibitions, circus etc.

3. Temporary Connections (Religious): For traditional Public religious function i.e. Ganesh Utsav, Navratri etc.

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INCENTIVE / DISINCENTIVE AND GENERAL CHARGES:

Electricity Duty: The electricity duty will be charged as per the Government guidelines from time to time. However, the rate and the reference number of the Government Resolution/ Order vide which it 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 Incentive: Whenever the average power factor is more than 0.95, an incentive shall be given at the rate of 1% (one percent) of the amount of the monthly energy bill including ASC (excluding FAC charge, demand charge, and electricity duty) for every 1% (one percent) improvement in the power factor above 0.95. For PF of 0.99, the effective incentive will amount to 5% (five percent) reduction in the energy bill and for unity PF, the effective incentive will amount to 7% (seven percent) reduction in the energy bill. The power factor incentive is also applicable for LT V-General Motive Power consumers.

Power factor Penalty: Whenever the average power factor is less than 0.9, penal charges shall be levied at the rate of 2% (two percent) of the amount of the monthly energy bill including ASC (excluding FAC charge, demand charge, and electricity duty) for first 1% (one percentage point) fall in the power factor below 0.9, beyond which the penal charges shall be levied at the rate of 1% (one percent) for each percentage point fall in the power factor below 0.89. Such disincentives shall not be applicable for the Railways. The power factor penalty is also applicable for LT V-General Motive Power consumers.

Rate of Interest on arrears: The rate of interest chargeable on arrears will be as given below, which shall however not be applicable in case of existing agreement or agreements entered into before 31/03/2002, for payment of arrears in instalments.

Sr. No.	Delay in Payment (span of months)	Interest rate p. a. (%)
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	18%

Penalty for exceeding Contract Demand: 1) In case, a consumer exceeds his Contract Demand, he will be billed at the appropriate Demand charges for the Demand actually recorded and will be charged at the rate of 150% of the

prevailing Demand Charges for the excess Demand over the Contract Demand.

2) For such three occasions of exceeding the Contract Demand in a calendar year, the treatment would be governed by the Supply Code.

Delayed Payment Charges:

1) If the payment of the energy bill is not made within the prescribed time limit, Delayed Payment Charge at the rate of 2% of the amount of monthly energy bill (excluding Electricity Duty, Power Factor Penalty) will be payable by the consumer.

2) 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.

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 this Supply Code Regulation 11, 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 this Regulation 11 of Supply Code 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.

Additional Supply Charges: 1) The consumers, for applicability of "Additional Supply Charge" shall be classified as follows, depending up on the Load Shedding Pattern;

Sr. No.	LOAD SHEDDING PATTERN	CONSUMER CATEGORY / AREA
1.	Zero Load Shedding	Consumers connected on Express / dedicated Feeder & exempted from any kind of Load Shedding, including Staggering Day
2.	11 to 12 Hrs. Load Shedding	Agricultural Dominated Area
3.	2.4 Hrs. to 4 Hrs Load shedding	Industrial & Urban Agglomeration, including MIDC / Other Industrial Estates, where only weekly one day Staggering Day is observed
4.	4.5 Hrs. to 6 Hrs. Load shedding	Other regions

2) Additional Supply Charges shall be considered for computing "Electricity Duty" as well the Rebates / Incentives/ Penalties / DPC / Additional Security Deposit. Similarly, the "Additional Supply Charge" shall also be considered for determination of assessment under Section 126 and Section 135 of the Electricity Act, 2003.

Incentives: The Hon. Commission desires to incentivise the consumers who voluntarily reduce the consumption. This incentive is

envisaged to be given effect in the Additional Supply Charge. This is proposed to be done by assessing the consumption of the consumer as against his monthly average consumption in the previous year (i.e. January-2005 to December-2005) while billing the consumer for additional supply charge. For example, if a commercial consumer located in Industrial and Urban agglomeration reduces the consumption by 5% as against the average of previous year's consumption, then only 14% (i.e. 19% - 5%; while 19% is the percentage of costly power estimated to be consumed by a commercial consumer located in Industrial and Urban agglomeration) of his current consumption will be billed at additional supply charge. This incentive is limited to the maximum of the percentage indicated against the particular category and the region of the consumer i.e. 19% in above example.

DEFINITIONS:

1. "MAXIMUM DEMAND" in Kilowatts or Kilo – Volt Amperes, in relation to any period shall, unless otherwise provided in any general or specific order of the Commission, means twice the largest number of Kilowatt-hours or Kilo-volt-ampere-hours supplied and taken during any consecutive thirty minute blocks in that period;
2. "CONTRACT DEMAND" means demand in Kilowatt (kW) / Kilo – Volt Ampere (kVA), mutually agreed between the MSEDCL and the consumer as entered into in the agreement or agreed through other written communication
3. "SANCTIONED LOAD" means load in Kilowatt (kW) / Horse Power (HP) mutually agreed between the MSEDCL and the consumer;
4. "LOAD FACTOR" means the ratio of total number of units (kWh) consumed during a given period to the total number of units (kWh) which may have been consumed had the Contract Demand / Sanctioned Load been maintained throughout the same period, subject to availability of power supply from the MSEDCL and shall usually be expressed as a percentage;

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.

5. Billing Demand:

A) Monthly Billing Demand will be the higher of the following:

- i. 65% of the Actual Maximum Demand recorded in the month during 0600 hours to 2200 hours.
- ii. 40% of the Contract Demand.

NOTE:

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

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