

MAHARASHTRA STATE ELECTRICITY BOARD

**LOW TENSION TARIFF BOOKLET
APPLICABLE WITH EFFECT FROM
01/12/2003**

COST: Rs. 20/-

MAHARASHTRA STATE ELECTRICITY BOARD

(WITH EFFECT FROM 1st December 2003)

The Maharashtra Electricity Regulatory Commission (MERC) in exercise of the powers vested in it, under Section 29 of the Electricity Regulatory Commissions Act, 1998 and all other relevant powers enabling it in this behalf, has determined, by its Order dated 1st December 2003 as well as detailed Order dated 10th March 2004, in the matter of Case No. 2 of 2003, the tariff for supply of Electricity by Maharashtra State Electricity Board (MSEB) for various classes of consumers 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 Board from time to time as per the directives of the Commission.
3. The tariffs are exclusive of electricity duty, excise duty, taxes 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 Board reserves the right to measure the Maximum Demand on any period shorter than 30 minute period of maximum use in cases where the Board considers that there are considerable load fluctuations in operation.
6. The tariffs are subject to the provisions of the 'Conditions & Miscellaneous Charges for Supply of Electrical Energy' of the Board in force (i. e. as on 5th August 1999) 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. This tariff will not apply to consumers asking only for stand-by supply.
9. **Fuel and Other Costs Adjustment Charge (FOCA)** as may be determined by the Hon'ble Commission from time to time shall be **applicable to all categories of consumers**, in addition to the above tariffs

LOW TENSION TARIFF

1. LD-1 (DOMESTIC L & F and H & P)

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 which include domestic water pump in following places:</p> <p>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.</p>
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BASE TARIFF:

Consumption during a month	Demand Charge (Rs. per Service Connection per month)	Energy Charge (p/u)	Regulatory Liability Charge (p/u)
0-30 units	Rs.20/- per service connection	125	0
31-300 units	Rs.40/- per service connection for single phase Rs.100/- per service connection for three phase	290	0
Above 300 units (Only balance units)	Additional Fixed charge of Rs.100 per 10 KW load or part thereof above 10 kW load shall be payable.	400	0

NOTE:

<ol style="list-style-type: none"> Government Hospitals, ESIS Corporation Hospitals & Zilla Parishad Hospitals availing power supply on High Tension shall also be eligible for this tariff. Professionals, like Doctor, Engineer, Chartered Accountant, etc., occupying premises exclusively for conducting his profession, shall not be eligible for this tariff.

2. LD-2 (NON-DOMESTIC L & F and H & P)

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 which include domestic water pump in following places: a) Non-domestic, Commercial & Business premises, b) Hospitals, other than those mentioned at LD-1, c) Hostels, other than those mentioned at LD-1, d) Combined lighting & power services for Cinema theatres, Drama theatres, Video Parlours, and public meeting halls, Recreation places.
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BASE TARIFF:

Consumption during a month	Demand Charge (Rs. per Service Connection per month)	Energy Charge (p/u)	Regulatory Liability Charge (p/u)
0-100 units	Rs.100/- per service connection for single phase Rs.150/- per service connection for three phase Additional Fixed charge of Rs.150 per 10 KW load or part thereof above 10 kW load shall be payable. Optional LT MD based tariff will be available for all consumers.	240	50
101-200 units		315	
Above 200 units (Only for balance units)		410	

OPTIONAL LTMD TARIFF FOR LD - 2 (NON – DOMESTIC)

Consumption during a month	Demand Charge (Rs. per kVA per month)	Energy Charge (p/u)	Regulatory Liability Charge (p/u)
0-1000 units	Rs. 220 / kVA / month.	230	50
Above 1000 units (Only balance units)		250	

OPTIONAL TOD TARIFF:(in addition to base tariff)

For consumption during following hours of the day	Demand Charge (Rs./KVA/Month)	Energy Charge (p/u)
2200 hrs-0600 hrs	0	(-) 75
0600 hrs-0900 hrs		0
0900 hrs-1200 hrs		50
1200 hrs-1800 hrs		0
1800 hrs-2200 hrs		90

NOTE:

1. Demand (Fixed) Charge will depend upon the type of service connection i. e. single phase or three phase, irrespective of consumption during the month.
2. Optional MD based tariff is available to LD-2 consumers. The consumers opting for the said MD based tariff will be charged Demand Charges (instead of Fixed Charges as above) at the rate of Rs. 220 per KVA per month and all incentives / disincentives, like TOD Tariff, Power Factor Incentive, Power Factor Penalty, etc., would apply to them. Consumers, who may desire to opt for MD based tariff, will communicate to the Board their option in writing.
3. The Consumer, who so ever may desire to opt, would be allowed to shift from Fixed Charge tariff to MD based tariff by providing a due notice of the same to the Board, at least a month in advance. Further, once the option to shift from Fixed Charge Tariff to MD based tariff is exercised, the consumer will not be allowed to revert back to Fixed Charge Tariff again.
4. The Consumer, who so ever may opt for the MD based tariff, shall only be eligible for the optional TOD tariff, provided they have installed TOD meters.

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3 (A) LTP-G (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:

Consumption during a month	Demand Charge (Rs. per HP per month)	Energy Charge (p/u)	Regulatory Liability Charge (p/u)
0-1000 units	Rs. 60 per HP (Rs. 80.50 per kW) per month for 50% of the sanctioned load; Optional MD based tariff will be available for all consumers, irrespective of Contract Demand, at Rs. 220 / kVA / month.	230	50
Above 1000 units (Only balance units)		250	

OPTIONAL TOD TARIFF: (in addition to Base Tariff)

For consumption during following hours of the day	Demand Charge (Rs./KVA/Month)	Energy Charge (p/u)
2200 hrs-0600 hrs	0	(-) 75
0600 hrs-0900 hrs		0
0900 hrs-1200 hrs		50
1200 hrs-1800 hrs		0
1800 hrs-2200 hrs		90

NOTE:

1. Optional MD based tariff is available to these consumers.
2. The consumers opting for the said MD based tariff will be charged Demand Charges (instead of Fixed Charges as above) at the rate of Rs. 220 per KVA per month.
3. All incentives / disincentives, like TOD Tariff, Power Factor Incentive, Power Factor Penalty, etc., would apply to them.
4. Consumers, who may desire to opt for MD based tariff, will communicate to the Board their option in writing.
5. The Consumer, who so ever may desire to opt for MD based tariff, would be allowed to shift from Fixed Charge tariff to MD based tariff by providing a due notice of the same to the Board, at least a month in advance. Further, once the option to shift from Fixed Charge Tariff to MD based tariff is exercised, the consumer will not be allowed to revert back to Fixed Charge Tariff again.
6. The consumer, who so ever may opt for the MD based tariff, shall only be eligible for the optional TOD tariff, provided they have installed TOD meters.
7. Though the Optional MD based tariff is available to these consumers irrespective of Sanctioned Load/Contract Demand, the Sanctioned Load/Contract Demand cannot exceed 67 HP (100 HP wherever applicable) / 50 kVA respectively.
8. In case of consumers (who do not opt for LTMD based tariff), the Demand (Fixed) Charge will be levied only on 50% of the sanctioned load, provided the actual drawal is less than or equal to the sanctioned load.
9. For such consumers, who may opt for LTMD based tariff, power factor incentive as well as power factor penalty will be applicable.
10. This tariff, including all other provisions as above, will also be applicable for powerloom consumers.

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4. PUBLIC WATER WORKS:

(A) URBAN PUBLIC WATER SUPPLY SCHEMES

Applicability:	Applicable for power supply to Urban Public Water Supply Schemes
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BASE TARIFF:

Category	Demand Charge Rs. / HP / Month	Energy Charge (p/u)	Regulatory Liability Charge (p/u)
Urban Public Water Supply schemes	60	240	0

(B) RURAL PUBLIC WATER SUPPLY SCHEMES

Applicability:	Applicable for power supply to Rural Public Water Supply Schemes
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BASE TARIFF:

Category	Demand Charges Rs. / HP / Month	Energy Charges (p/u)	Regulatory Liability Charge (p/u)
Rural Public Water Supply schemes of Grampanchayat	25	100	0
Other Rural Public Water Supply schemes including "C" Class Municipal Councils.	35	150	0

NOTE:

1. The Rural Public Water Supply schemes of Grampanchayat & "C" Class Municipal Councils availing power supply on High Tension will be billed as per the metered tariff above.
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5. LTP-AG/ LTP- AG (HP): Agricultural.

Applicability:	Applicable for motive power services exclusively for Agricultural pumping loads not more than 50 KW (67 HP).
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BASE TARIFF:

Category	Demand Charge (Rs./HP/Month)	Energy Charge (p/u)	Regulatory Liability Charge (p/u)
Flat Rate Tariff			
Category 1 Circles	180	0	0
Category 2 Circles	150	0	0
Metered Tariff	15	110	0

Category 1 circles (with consumption norm above 1300 hours/HP/year)

1	Chandrapur	4	Latur	7	Osmanabad
2	Jalna	5	Nanded	8	Parbhani
3	Kolhapur	6	Nashik	9	Sangli

Category 2 circles (with consumption norm below 1300 hours/HP/year)

1	Ahmednagar	10	Buldhana	19	Pune (U)
2	Akola	11	Dhule	20	Ratnagiri
3	Amravati	12	Gadchiroli	21	Satara
4	Aurangabad	13	Jalgaon	22	Sindhudurg
5	Aurangabad (U)	14	Kalyan	23	Solapur
6	Beed	15	Nagpur ®	24	Vasai
7	Bhandara	16	Nagpur (U)	25	Wardha
8	Bhandup	17	Pen	26	Vashi
9	Bhiwandi	18	Pune ®	27	Yavatmal

NOTE:

1. 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.
2. The list of Category 1 Circles (with consumption norm above 1300 hours / HP / year) & Category 2 Circles (with consumption norm below 1300 hours / HP / year) is given above.
3. The Poultry (exclusively undertaking Layer & Broiler activities) consumers as well as High Tech Agricultural (undertaking Tissue Culture, Green House, Mushroom, etc. activities) consumers will be billed as per agricultural metered tariff.
4. 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.
5. 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.
6. 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 STREET LIGHTS:

Applicability:	Applicable for street light services of Grampanchayat, Municipal Councils / Corporation and others.
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BASE TARIFF:

Category	Demand Charge (Rs./KW/Month)	Energy Charge (p/u)	Regulatory Liability Charge (p/u)
Street Light services of Grampanchayat & Municipal Councils	30	210	0
Street Light services of Municipal Corporations and others.	30	250	0

NOTE:

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| <ol style="list-style-type: none">1. The other rates, terms and conditions of the existing Schedule attached to the Street light Agreement, which are not specifically changed will continue to be in force hereafter.2. The above Street Light Tariff will not be applicable for street light services coming under the jurisdiction of Bhandup Urban Zone & other Municipal areas where `ALL-IN-TARIFF' is applicable at present and / or to special types of streetlight services as may be decided by the Board. |
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7. TEMPORARY SUPPLY

The consumers availing temporary supply at Low Tension shall be charged fixed charge plus energy charge at the highest slab rate of the category to which the consumer would have been categorised for availing power supply on permanent basis.

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FUEL AND OTHER COST ADJUSTMENT (FOCA) CLAUSE:

The Fuel & Other Costs (FOCA) Charge will be determined based on the directives, as may be given by the Hon'ble Commission from time to time and will be applicable to all the consumers
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MISCELLANEOUS 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, should be stated in the bill. A copy of the said resolution / order shall be made available on MSEB website.	
Power Factor Penalty	PF penalty will be levied only if the PF recording instrument is available and in case of consumers, who have instruments (meters) to measure the power factor, the power factor penalty shall be as follows: Whenever the average power factor is less than 90%, penal charges shall be levied at the rate of 2% (two percent) of the amount of the monthly energy bill (excluding Regulatory Liability charge, FOCA Charge, Demand Charge, Electricity Duty) for first 1% (one percent point) fall in the power factor below 90%, beyond which the penal charges will be levied at the rate of 1% (one percent point) for each percentage point fall in the power factor below 89% .	
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:	If a consumer, who has opted for LT MD based tariff, exceeds his Contract Demand, the Demand in excess of the Contract Demand shall be charged at the rate of 150% of the prevailing Demand Charges.
Penalty for exceeding Sanctioned Load:	In case of load drawal exceeding sanctioned load, to be measured through the MD meters (Tri-vector or Accu-check meters as the situation demands), the consumer shall be billed based on the actual drawn demand and, shall be levied penal charges for the unauthorized demand beyond the sanctioned load at <u>double the rate of demand charges</u> applicable for MD based tariff to General Motive power consumers and non-domestic consumers, prevailing from time to time.
Power Factor Incentive:	<p>The Power Factor incentive shall be applicable to those General Motive Power & Non-Domestic consumers only, who have opted for the MD based tariff & are provided with instruments (meters) to measure the power factor and the same shall be as follows:</p> <ol style="list-style-type: none"> Whenever the average power factor is more than 0.95, an incentive will be given to Low Tension General Motive Power consumers and Non-Domestic consumers, who have opted for LTMD based tariff. The said incentive will be at the rate of 1% (one percent) of the amount of the monthly energy bill (excluding Regulatory Liability Charges, Fixed / Demand Charges, FOCA, Electricity Duty) for every 1% (one percent) improvement in the average power factor above 0.95. For power factor of 0.99, the effective incentive will amount to 5% (five percent) reduction in the energy bill and for unity power factor; the effective incentive will amount to 7% (seven percent) reduction in the energy bill. Power factor will be computed, by the method of kWh / KVAh & rounded off to two decimal points as per the existing practice.
Delayed Payment Charges:	<ol style="list-style-type: none"> 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 Electricity bill (excluding Electricity Duty, Power Factor Penalty, etc.) will be payable. 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:	<ol style="list-style-type: none"> Security deposit will be payable equivalent to average of amount of Electricity bill for three months or a billing cycle period, which ever is lesser, i. e. for Urban Domestic consumers, security deposit will be equivalent to two month's average billing. Every year, in the month of March, the security deposit available vis-à-vis average amount of energy bill for the entire year will be reviewed and additional security deposit will be recovered, if necessary. Provided further that if any time during the currency of the contract, the monthly average amount of the preceding SIX months energy bill reduces by at least 20% or more, the Board will consider to adjust in the subsequent bills the amount of the security deposit which may have become surplus considering the amount of the security deposit required under the prescribed scale. The adjustment of the security deposit as above shall however be in instalments, the amount of which shall not exceed 30% of the average monthly bill. On Security Deposit of Rs. 50 or more, the Board will allow interest @ equivalent to Post Office Saving Bank interest rate as may be applicable from time to time.

DEFINITIONS:

1. "Maximum Demand" means the average kW / KVA supplied during the 30 minutes period (or any such other shorter period as may be prescribed by the Board) of maximum use.
2. "Contract Demand" means the maximum kW / KVA for the supply of which the Board undertakes to provide facilities from time to time.
3. "Connected Load" means the sum of the rated capacity of all the energy consuming devices duly wired and connected to the power supply system including portable apparatus in the consumer's premises. Further, Connected Load, shall be calculated after allowing a tolerance of 5%. The Connected Load shall not include load of spare plug sockets, standby or spare energy consuming apparatus installed authorizedly, through change over switches, which cannot be operated simultaneously & load exclusively meant for fire fighting purposes. The equipment under installation & not connected electrically, equipment stored in ware house / show rooms either as spare or for sale is not to be considered as Connected Load.
4. "Sanctioned Load" means load in kilowatt (KW) / Horse power (HP) mutually agreed between the Distribution Licensee and the consumer.
5. "Billing Demand" for LTP – G & other LT categories opting for the LT MD based tariff, shall mean the demand used for billing purposes and computed as the highest of the following:
 - a) Actual established demand, during the period 0600 hrs to 2200 hrs.
 - b) 75 % of the highest billing demand recorded during preceding 11 months, subject to the limit of contract demand.
 - c) 50 % of the contract demand as defined above.

NOTE:

- i. Demand registered during the period 0600 to 2200 Hrs. will be considered for determination of the Billing demand during preceding 11 months, provided the consumer has opted for TOD tariff & has installed appropriate meter having the facility to record the time-zone wise demand.
 - ii. 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.
6. Measurement of Maximum Demand: The maximum demand in KVA for billing would be measured by providing Trivector meter or by providing kilowatt-hour (kWh) meter with Kilo-Watt Maximum Demand (kW) Indicator and Reactive Kilo-Volt-Ampere-Hour (RKVAH) Meter. In the latter case the Maximum Demand in kW shall be converted to the Maximum Demand in KVA for billing by dividing the Kilo-Watt Maximum Demand recorded by the average power factor determined from the Kilo-Watt-Hour (kWh) and Reactive Kilo-Volt-Ampere -Hour. (RKVAH) meter readings. In cases where the RKVAH meter is not provided the power factor assessed as defined under Condition 20 (a)(vi) of the Board's Conditions and Miscellaneous Charges for supply of electrical energy, would be utilised.

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