

# **TARIFF SCHEDULES**

**Annexure-2 (Tariff Schedules for Low Tension Consumers)**

**ANNEXURE TO THE TARIFF ORDER PASSED BY MPERC FOR  
FINANCIAL YEAR 2013-14**

**MADHYA PRADESH ELECTRICITY REGULATORY COMMISSION  
TARIFF SCHEDULES FOR LOW TENSION CONSUMERS**

**Table of Contents**

<b>Tariff Schedules</b>	<b>Page No.</b>
LV-1 Domestic	158 – 161
LV – 2 Non-Domestic	162 – 165
LV – 3 Public Water works and Street Lights	166 – 167
LV – 4 LT Industrial – Non-Seasonal and Seasonal	168 – 171
LV – 5 Agricultural and Allied Activities	172 – 180
General Terms and Conditions of Low Tension Tariff	181 – 187

**Tariff Schedule- LV-1****DOMESTIC:****Applicability:**

This tariff is applicable for light, fan and power for residential use only. Dharamshalas, old age houses, rescue houses, orphanages, places of worship and religious institutions will also be covered under this category.

**Tariff:**

**LV 1.1** (Consumers having sanctioned load not more than 100 watts (0.1 kW) and consumption not more than 30 units per month)

(a) **Energy Charge and Fixed Charge** – For metered connection

Monthly Consumption (units)	Energy Charge (paise per unit) Urban/ Rural areas	Monthly Fixed Charge (Rs.)
Up to 30 units	290	NIL

(b) **Minimum Charges:** Rs. 40 per connection per month as minimum charges is applicable to this category of consumers.

**LV 1.2**

(i) **Energy Charge and Fixed Charge** – For metered connection

Monthly Consumption Slab (units)	Energy Charge with telescopic benefit (paise per unit) Urban/ Rural areas	Monthly Fixed Charge (Rs.)	
		Urban areas	Rural areas
Up to 50 units	340	40 per connection	25 per connection
51 to 100 units	385	65 per connection	40 per connection

Monthly Consumption Slab (units)	Energy Charge with telescopic benefit (paise per unit) Urban/ Rural areas	Monthly Fixed Charge (Rs.)	
101 to 300 units	480	75 for each 0.5 kW of authorised load	50 for each 0.5 kW of authorised load
301 to 500 units	520	80 for each 0.5 kW of authorised load	70 for each 0.5 kW of authorised load
Above 500 units	555	85 for each 0.5 kW of authorised load	70 for each 0.5 kW of authorised load

**Minimum Charges:** Rs. 60 per connection per month as minimum charges towards energy charges are applicable for above categories.

**Note:** The Authorized Load shall be as defined in the Madhya Pradesh Electricity Supply Code, 2004, as amended from time to time. (Every 75 units of consumption per month or part thereof shall be considered equal to 0.5 kW of authorised load. Example: If consumption during the month is 125 units, then the authorised load will be taken as 1 kW. In case the consumption is 350 units then the authorised load will be taken as 2.5 kW.)

Temporary/ DTR meter connection	Energy Charge (paise per unit) Urban/ Rural areas	Monthly Fixed Charge (Rs.)	
		Urban areas	Rural areas
Temporary connection for construction of own house (max. up to one year).	675	300 for each one kW of sanctioned or connected or recorded load, whichever is the highest	200 for each one kW of sanctioned or connected or recorded load, whichever is the highest

Temporary/ DTR meter connection	Energy Charge (paise per unit) Urban/ Rural areas	Monthly Fixed Charge (Rs.)	
		Urban areas	Rural areas
Temporary connection for social/ marriage purposes and religious functions.	675	40 for each 1 kW of sanctioned or connected or recorded load, whichever is highest, for each 24 hours duration or part thereof.	20 for each 1 kW of sanctioned or connected or recorded load, whichever is highest, for each 24 hours duration or part thereof.
Supply through DTR meter for clusters of Jhuggi/Jhopadi till individual meters are provided	300	NIL	NIL

**Minimum Charges:** Rs. 500/- per connection per month is applicable towards energy charges for temporary connection and no minimum charges are applicable for supply through DTR meter for clusters of Jhuggi/Jhopadi.

**(ii) Energy Charge and Fixed Charge for un-metered domestic connections:**

Particulars	Units and Energy Charge to be billed per month for unmetered connections (paise per unit)	Monthly Fixed Charge (Rs.)
Un-metered connection in urban areas	100 units @ 420 per unit	75 per connection
Un-metered connection in rural areas	55 units @ 340 per unit	30 per connection

**Minimum charges:** No minimum charges are applicable to this category of consumers

**Specific Terms and Conditions for LV-1 category:**

- a) The Energy Charges corresponding to consumption recorded in DTR meter shall be equally divided amongst all consumers connected to that DTR for the purpose of billing. The Distribution Licensee will obtain consent of such consumers for billing as per above procedure.
- b) In case Energy Charges for actual consumption are less than minimum charges, minimum charges shall be billed towards energy charges. All other charges, as applicable, shall also be billed.
- c) Other terms and conditions shall be as specified under General Terms and Conditions for Low Tension Tariff.

**Tariff Schedule – LV-2****NON-DOMESTIC:****LV 2.1****Applicability:**

This tariff is applicable for light, fan and power to Educational Institutions including workshops and laboratories of Engineering Colleges / Polytechnics/ITIs (which are registered with /affiliated/ recognized by the relevant Govt. body or university), Hostels for students or working women or sports persons (run either by Govt. or individuals)

**Tariff:**

Tariff shall be as given in the following table:

Sub category	Energy Charge (paise/unit)  Urban/ Rural areas	Monthly Fixed Charge (Rs.)	
		Urban areas	Rural areas
Sanctioned load based tariff ( only for connected load up to 20 kW)	520	90 per kW	60 per kW
<b>Optional</b> -Demand based Tariff (Only for contract demand above 10 kW and up to 20 kW)	520	180 per kW or 144 per kVA of billing demand	120 per kW or 96 per kVA of billing demand
<b>Mandatory</b> demand based tariff for contract demand above 20 kW	520	180 per kW or 144 per kVA of billing demand	120 per kW or 96 per kVA of billing demand

**LV 2.2****Applicability:**

This tariff is applicable for light, fan and power to Railways (for purposes other than traction and supply to Railway Colonies/water supply), Shops/showrooms, Parlours, All Offices, Hospitals and medical care facilities including Primary Health Centers, clinics, nursing homes belonging to either Govt. or public or private organisations, public buildings, guest houses, Circuit Houses, Government Rest Houses, X-ray plant, recognized Small Scale Service Institutions, clubs, restaurants, eating establishments, meeting halls, places of public entertainment, circus shows, hotels, cinemas, professional's chambers (like Advocates, Chartered Accountants, Consultants, Doctors etc.), bottling plants, marriage gardens, marriage houses, advertisement services, advertisement boards/ hoardings, training or coaching institutes, petrol pumps and service stations, tailoring shops, laundries, gymnasiums, health clubs, telecom

towers for mobile communication and any other establishment (except those which are covered in LV 2.1), who is required to pay Commercial tax/service tax/value added tax (VAT)/entertainment tax/luxury tax under any Central/State Acts.

**Tariff:**

Tariff shall be as given in the following table:

Sub category	Energy Charge (paise/unit) Urban/ Rural areas	Monthly Fixed Charge (Rs.)	
		Urban areas	Rural areas
On all units if monthly consumption is not more than 50 units	540	50 per kW	30 per kW
On all units in case monthly consumption exceeds 50 units	600	85 per kW	60 per kW
<b>Optional</b> demand based Tariff (only for contract demand above 10 kW and up to 20 kW)	525	190 per kW or 152 per kVA of billing demand	120 per kW or 96 per kVA of billing demand
<b>Mandatory</b> demand based tariff for Contract demand above 20 kW	525	190 per kW or 152 per kVA of billing demand	120 per kW or 96 per kVA of billing demand
Temporary connections including Multi point temporary connection at LT for Mela*	715	130 per kW or part thereof of sanctioned or connected or recorded load, whichever is the highest	85 per kW or part thereof of sanctioned or connected or recorded load whichever is the highest



Sub category	Energy Charge (paise/unit)  Urban/ Rural areas	Fixed Charges (Rs.)	
		Urban areas	Rural areas
Temporary connection for marriage purposes at marriage gardens or marriage halls or any other premises covered under LV 2.1 and 2.2 categories	715 (Minimum consumption charges shall be billed @ 6 Units per kW or part thereof of sanctioned or connected or recorded load, whichever is the highest for each 24 hours duration or part thereof subject to a minimum of Rs.500/-)	50 for each kW or part thereof of sanctioned or connected or recorded load, whichever is the highest for each 24 hours duration or part thereof	30 for each kW or part thereof of sanctioned or connected or recorded load, whichever is the highest for each 24 hours duration or part thereof
For X-Ray plant	Additional Fixed Charge (Rs. per machine per month)		
Single Phase	450		
Three Phase	650		
Dental X-ray machine	50		

\* In case permission for organizing Mela is granted by Competent Authorities of the Government of Madhya Pradesh.

**Specific Terms and Conditions for LV-2 category:**

- a) **Minimum consumption:** The consumer shall guarantee a minimum annual consumption of 360 units per kW or part thereof in urban areas and 180 units per kW or part thereof in rural areas of **sanctioned load or contract demand (in case of demand based charges)** . However, the load of X-Ray unit shall be excluded while considering the load of the consumer for calculation of minimum consumption. The method of billing minimum consumption shall be as given in General Terms and Conditions of Low Tension tariff.
- b) **Additional Charge for Excess demand:** Shall be billed as given in General Terms and Conditions of Low Tension tariff.

- c) **Rebate in Energy Charges for connection of Telecom Infra Structure situated in rural areas:** In order to give impetus to proliferation of telecommunication services in the rural areas in the State, a rebate of paisa 25 per unit in energy charges shall be given to the connections of mobile communication towers situated in rural areas.
- d) Other terms and conditions shall be as specified under General Terms and Conditions of Low Tension Tariff.
- e) For LV-1 and LV-2: Any consumer having contract demand of 10 kW or more and upto 20 kW may opt for demand based Tariff, however, for the consumers having contract demand in excess of 20 kW demand based tariff is mandatory. The Distribution Licensee shall provide Trivector /Biverctor Meter capable of recording Demand in kVA/kW, kWh, kVAh.

**Tariff Schedule – LV-3****PUBLIC WATER WORKS AND STREET LIGHTS****Applicability:**

The tariff **LV-3.1** is applicable for Public Utility Water Supply Schemes, Sewage Treatment Plants, Sewage Pumping Installations run by P.H.E. Department or Local Bodies or Gram Panchayats or any other organization authorised by the Government to supply/ maintain public water works / sewerage installations and shall also be applicable to electric crematorium maintained by local bodies/trusts.

**Note: Private water supply scheme, water supply schemes run by institutions for their own use/employees/townships etc. shall not fall in this category. These shall be billed under the appropriate tariff category to which such institution belongs. In case water supply is being used for two or more different purposes then entire consumption shall be billed for purpose for which the tariff is higher.**

The tariff **LV-3.2** is applicable to traffic signals and lighting of public streets or public places including parks, town halls, monuments and its institutions, museums, public toilets, public libraries, reading rooms run by the Government or Local Bodies, and Sulabh Shochalaya.

**Tariff:**

Category of consumers/area of applicability	Energy Charge (paise per unit)	Monthly Fixed Charge (Rs. per kW)	Minimum Charges (Rs)
LV 3.1 Public Water Works			
Municipal Corporation/ Cantonment board	365	140	No Minimum Charges
Municipality/ Nagar Panchayat	365	120	
Gram Panchayat	365	50	
Temporary supply	1.3 times the applicable tariff		
LV 3.2 Street light			
Municipal Corporation/ Cantonment board	380	235	No Minimum Charges
Municipality/ Nagar Panchayat	375	210	
Gram Panchayat	375	50	

**Specific Terms and Conditions for LV-3 category:**

**(a) Incentives for adopting Demand Side Management:**

An **incentive** equal to 5 % of Energy Charges shall be given on installation and use of energy saving devices (such as ISI energy efficient motors for pump sets and programmable on-off/ dimmer switch with automation for street lights). **Incentive** will be admissible only if full bill is paid within due dates failing which all consumed units will be charged at normal rates. Such incentive will be admissible from the month following the month in which energy saving devices are put to use and are verified by a person authorized by the Distribution Licensee. This incentive will continue to be allowed till such time these energy saving devices remain in service. The Distribution Licensee is required to arrange wide publicity of above incentive.

**(b) Other terms and conditions shall be as specified under General Terms and Conditions of Low Tension Tariff.**

**Tariff Schedule – LV-4****LT INDUSTRIAL****Applicability:**

Tariff **LV-4** is applicable to light, fan and power for operating equipment used by printing press and any other industrial establishments and workshops (where any processing or manufacturing takes place including tyre re-treading). These tariffs are also applicable to cold storage, gur (jaggery) making machines, flour mills, Masala Chakkies, hullers, khandsari units, ginning and pressing units, sugar cane crushers (including sugar cane juicing machine), power looms, dal mills, besan mills, and ice factories and any other manufacturing or processing units (excluding bottling plant) producing/processing food items or processing agriculture produce for preservation/increasing its shelf life and Dairy units ( where milk is processed to produce other end products of milk other than chilling, pasteurization etc.)

**Tariff:**

	Category of consumers	Monthly Fixed Charge (Rs.)		Energy Charge (paise per unit) – Urban / Rural Area
		Urban Areas	Rural Areas	
4.1	Non seasonal consumers			
4.1 a	LT industries having connected load up to 25 HP	90 per HP	30 per HP	400
4.1b	Demand based tariff (Contract demand up to 100HP)	220 per kW or 176 per kVA of billing demand	110 per kW or 88 per kVA of billing demand	520
4.1 c	Demand based tariff (Contract demand more than 100 HP and up to 150 HP) *	300 per kW or 240 per kVA of billing demand	210 per kW or 168 per kVA of billing demand	535

	Category of consumers	Monthly Fixed Charge (Rs.)		Energy Charge (paise per unit) – Urban / Rural Area
		Urban Areas	Rural Areas	
4.1 d	Temporary connection	1.3 times of the applicable tariff		
*In addition, these consumers are also liable to pay transformation loss @ 3% and transformer rent as per the MPERC ( Recovery of Expenses and other Charges for providing Electric Line or Plant for the purpose of giving supply) Regulations (Revision-I), 2009.				
4.2 Seasonal Consumers (period of season shall not exceed 180 days continuously). If the declared season or off-season spreads over two tariff periods, then the tariff for the respective period shall be applicable.				
4.2 a	During season	Normal tariff as for Non seasonal consumers	Normal tariff as for Non seasonal consumers	Normal tariff as for Non seasonal consumers
4.2 b	During Off -season	Normal tariff as for Non-seasonal consumers on 10 % of contract demand or actual recorded demand, whichever is more	Normal tariff as for Non-seasonal consumers on 10 % of contract demand or actual recorded demand, whichever is more	120 % of normal tariff as for Non-seasonal consumers

**Terms and Conditions:**

- (a) The maximum demand of the consumer in each month shall be reckoned as four times the largest amount of kilovolt ampere hours delivered at the point of supply of the consumer during any continuous fifteen minutes in that month.
- (b) Any consumer may opt for demand based tariff, however for the consumers having connected load **above 25 HP**, demand based tariff is mandatory and the licensee shall provide Tri vector/ Bi vector Meter capable of recording Demand in kVA/ kW, kWh, kVAh and Time of Use consumption
- (c) **Minimum Consumption:** Shall be as per following:
  - (c.1) **For connected load up to 100HP**
    - i. **For LT Industries in rural areas:** The consumer shall guarantee a minimum annual consumption (kWh) based on 180 units per HP or part thereof of contract demand irrespective of whether any energy is consumed or not during the year.
    - ii. **For LT Industries in urban areas:** The consumer shall guarantee a minimum annual consumption (kWh) based on 360 units per HP or part

thereof of contract demand irrespective of whether any energy is consumed or not during the year.

- iii. The consumer shall be billed monthly minimum 15 units per HP per month in rural area and 30 units per HP per month in urban area in case the actual consumption is less than above specified units.
- iv. Method of billing of minimum consumption shall be as given in the General Terms and Conditions of Low Tension tariff.

**(c.2) For connected load more than 100HP**

- i. **For LT Industries in rural areas:** The consumer shall guarantee a minimum annual consumption (kWh) based on 240 units per HP or part thereof of contract demand irrespective of whether any energy is consumed or not during the year.
  - ii. **For LT Industries in urban areas:** The consumer shall guarantee a minimum annual consumption (kWh) based on 480 units per HP or part thereof of contract demand irrespective of whether any energy is consumed or not during the year.
  - iii. The consumer shall be billed monthly minimum 20 units per HP per month or part thereof of contract demand in rural area and 40 units per HP per month or part thereof of contract demand in urban area in case the actual consumption is less than above specified units.
  - iv. **Method of billing of minimum consumption** shall be as given in the General Terms and Conditions of Low Tension Tariff.
- (d) **Additional Charge for Excess Demand:** Shall be billed as given in the General Terms and Conditions of Low Tension Tariff.
- (e) Other terms and conditions shall be as specified under General Terms and Conditions of Low Tension Tariff.
- (f) Other Terms and conditions for **seasonal consumers:**
- i. The consumer has to declare months of season and off season for the financial year 2013-14 within 60 days of issue of Tariff Order and inform the same to the Distribution Licensee. If the consumer has already declared the period of season and off-season during this financial year prior to issue of this Order, same shall be taken into cognizance for the purpose and accepted by the Distribution Licensee.
  - ii. The seasonal period once declared by the consumer cannot be changed during the financial year.

- iii. This tariff is not applicable to composite units having seasonal and other category of loads.
  - iv. The consumer will be required to restrict his monthly off season consumption to 15% of the highest of average monthly consumption during the preceding three seasons. In case this limit is exceeded in any off season month, the consumer will be billed under Non seasonal tariff for the whole financial year as per the tariff in force.
  - v. The consumer will be required to restrict his maximum demand during off season up to 30 % of the contract demand. In case the maximum demand recorded in any month of the declared off season exceeds this limit, the consumer will be billed under Non seasonal tariff for the whole financial year as per the tariff in force.
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**Tariff Schedule – LV - 5****AGRICULTURE AND ALLIED ACTIVITIES****Applicability:**

The tariff **LV-5.1** shall apply to connections for agricultural pump, chaff cutters, threshers, winnowing machines, seeding machines and irrigation pumps of lift irrigation schemes including water drawn by agriculture pumps for use by cattle. This tariff does not include subsidy to be paid by the State Govt. The State Govt. has indicated that subsidy under this tariff category shall be available at rates applicable in FY 2012-13.

The tariff **LV-5.2** shall apply to connections for nurseries, farms growing flowers/ plants/ saplings/ fruits, mushroom and grasslands.

The tariff **LV-5.3** shall apply to connections for fisheries ponds, aquaculture, sericulture, hatcheries, poultry farms, cattle breeding farms and those dairy units only where extraction of milk and its processing such as chilling, pasteurization etc. is done.

The tariff **LV- 5.4** shall apply to connections for permanent agricultural pump, chaff cutters, threshers, winnowing machines, seeding machines and irrigation pumps of lift irrigation schemes including water drawn by agriculture pumps for use by cattle to whom flat rate tariff is applicable.

**Tariff:**

S. No.	Sub-Category	Monthly Fixed charges (Rs.)	Energy charges (paise per unit)
<b>LV- 5.1</b>			
a) (i)	First 300 units per month	NIL	320
(ii)	Above 300 units up to 750 units in the month	NIL	380
(iii)	Rest of the units in the month	NIL	405
b)	Temporary connections	NIL	405
c)	DTR metered group consumers	NIL	300
<b>LV-5.2</b>			
a) (i)	First 300 units per month	NIL	320
(ii)	Above 300 units up to 750 units in the month	NIL	380

S. No.	Sub-Category	Monthly Fixed charges (Rs.)	Energy charges (paise per unit)
(iii)	Rest of the units in the month	NIL	405
b)	Temporary connections	NIL	405
<b>LV-5.3</b>			
a)	Up to 25 HP in urban areas	55 per HP	375
b)	Up to 25 HP in rural areas	20 per HP	375
c)	Demand based tariff ( Contract demand and connected load up to 100 HP) in urban areas	170 per kW or 136 per kVA of billing demand	455
d)	Demand based tariff ( Contract demand and connected load up to 100 HP) in rural areas	80 per kW or 64 per kVA of billing demand	455

5.4	Agriculture flat rate tariff exclusive of subsidy*.	Rate payable by the consumer in Rs per HP per month for months of April to September	Rate payable by the consumer in Rs per HP per month for the months of October to March
a)	Three phase- urban	100	100
b)	Three phase- rural	100	100
c)	Single phase urban	100	100
d)	Single phase rural	100	100

\*see para 1.2 of terms and conditions

### Terms and Conditions:

- 1.1 **Billing of consumers under tariff schedule LV 5.1:** Billing to the consumers covered under tariff schedule LV 5.1 shall be done on a monthly basis based on the consumption recorded in the meter. The consumer shall pay the amount of the bill after adjustment of the subsidy to be paid by the State Govt.

### Illustration:

As the billing under tariff schedule LV 5.1 is based on monthly consumption, the consumer irrespective of load of the connections shall pay on the basis of

monthly consumption recorded in the meter. Following table illustrates the billing in case of a general permanent consumer considering the level of subsidy decided by the State Govt. for the year 2013-14:

<b>Monthly consumption in units</b>	<b>Monthly bill</b>	<b>Subsidy to be paid by the State Govt.</b>	<b>Net amount of the bill to be paid by the consumer</b>
100	100 units x Rs.3.2/unit = Rs.320/-	100 units x Rs. 1.95/ unit = Rs.195/-	Rs.320 - Rs.195= Rs. 125/-
500	300 units x Rs.3.2/unit + 200 units x Rs.3.8/ unit = Rs 1720/-	300 units x 1.95/unit + 200 units x Rs.2.3/unit = Rs.1045/-	Rs.1720 - Rs. 1045 = Rs.675/-
900	300 units x Rs.3.2/unit + 450 units x Rs.3.8/ unit + 150 units x Rs.4.05/unit= Rs.3277.50/-	300 units x 1.95/unit + 200 units x Rs.2.3/unit + 250 units x Rs.2.15/unit + 150 units x Rs.2.40/unit = Rs.1942.50 /-	Rs. 3277.50 - Rs.1942.50/- = Rs.1335/-

## **1.2 Billing of consumers under tariff schedule LV 5.4:**

Rates payable by the consumer under tariff schedule LV 5.4 are exclusive of subsidy. The bill for the consumer covered under the tariff schedule LV 5.4 shall be calculated at the rates specified under the tariff schedule LV 5.1 based on norms for assessment of units per HP specified under condition 1.3 of this schedule. The consumer shall be required to pay at the rates specified under tariff schedule LV 5.4 and the balance amount of the bill shall be paid by the State Govt. as advance subsidy to the Distribution licensee.

### **Illustration for 3 HP:**

For example in case of a consumer having a connection of **3 HP** in rural area on three phase supply, the total bill amount shall be calculated at the rates specified under tariff schedule LV 5.1. The consumer is required to pay the bill in the month of April for Rs. 1800/- for the period from April to September and in October for Rs.1800/- for the period from October to March. Balance amount of the bill is to be paid as subsidy by the State Govt. The details of calculation in this example are shown in the following table:

<b>Period of six months</b>	<b>Assessed sale units for a 3 HP consumer</b>	<b>Total bill for six months</b>	<b>Payment to be made by the consumer in April and October</b>	<b>Balance amount to be paid as subsidy by State Govt.</b>
April to September	50 units/HP/month x 3 HP x 6 months = 900 units	50 units/HP/month x 3 HP x 6 months x Rs.3.20/unit = Rs.2880/-	Rs.100/HP/month x 3 HP x 6 months = Rs. 1800/- to be paid in April	Rs.2880 – Rs.1800 = Rs.1080/- to be paid at the rate of Rs.180 per month
October to March	150 units/HP/month x 3 HP x 6 months = 2700 units	<ol style="list-style-type: none"> <li>150 units/HP/month x 3 HP = 450 units in a month</li> <li>First 300 units to be billed at the rate of Rs.3.20 per unit and balance at the rate of Rs. 3.80 per unit</li> <li>Bill for 450 units for one month shall be 300 units x Rs.3.20/unit = Rs. 960 /- plus 150 units x Rs.3.80 per unit = Rs.570. Total monthly bill Rs.1530/-</li> <li>Bill for 6 months shall be Rs.1530/ month x 6 months= Rs.9180/-</li> </ol>	Rs.100/HP/month x 3 HP x 6 months = Rs.1800/- to be paid in October	Rs.9180 – Rs.1800 = Rs.7380/- to be paid at the rate of Rs.1230 per month

**Illustration for 5 HP:**

For example in case of a consumer having a connection of **5 HP** in rural area on three phase supply, the total bill amount shall be calculated at the rates specified under tariff schedule LV 5.1. The consumer is required to pay the bill in the month of April for Rs. 3000/- for the period from April to September and in October for Rs.3000/- for the period from October to March. Balance amount of the bill is to be paid as subsidy by the State Govt. The details of calculation in this example are shown in the following table:

<b>Period of six months</b>	<b>Assessed sale units for a 5 HP consumer</b>	<b>Total bill for six months</b>	<b>Payment to be made by the consumer in April and October</b>	<b>Balance amount to be paid as subsidy by State Govt.</b>
April to September	50 units /HP/month x 5 HP x 6 months = 1500 units	50 units/HP/month x 5 HP x 6 months x Rs.3.20/unit = Rs.4800/-	Rs.100/HP/month x 5 HP x 6 months = Rs. 3000/- to be paid in April	Rs. 4800 – Rs. 3000 = Rs.1800 to be paid at the rate of Rs.300 per month
October to March	150 units/ HP/month x 5 HP x 6 months = 4500 units	<ol style="list-style-type: none"> <li>150 units/HP/month x 5 HP = 750 units in a month</li> <li>First 300 units to be billed at the rate of Rs. 3.20 per unit and balance at the rate of Rs. 3.80 per unit</li> <li>Bill for 750 units for one month shall be as 300 units x Rs.3.20/unit = Rs. 960/- plus 450 units x Rs.3.80 per unit = Rs. 1710/- Total monthly bill Rs. 2670/-</li> <li>Bill for 6 months shall be Rs.2670/ month x 6 months= Rs. 16020/-</li> </ol>	Rs.100/HP/month x 5 HP x 6 months =Rs. 3000/- to be paid in October	Rs.16020 –Rs. 3000 = Rs.13020 to be paid at the rate of Rs. 2170 per month

**Illustration for 10 HP:**

For example in case of a consumer having a connection of **10 HP** in rural area on three phase supply, the total bill amount shall be calculated at the rates specified under tariff schedule LV 5.1. The consumer is required to pay the bill in the month of April for Rs. 6000/- for the period from April to September and in October for Rs.6000/- for the period from October to March. Balance amount of the bill is to be paid as subsidy by the State Govt. The details of calculation in this example are shown in the following table:

<b>Period of six months</b>	<b>Assessed sale units for a 10HP consumer</b>	<b>Total bill for six months</b>	<b>Payment to be made by the consumer in April and October</b>	<b>Balance amount to be paid as subsidy by State Govt.</b>
April to September	50 units/HP/month x 10 HP x 6 months = 3000 units	<ol style="list-style-type: none"> <li>50 units/HP/month x 10 HP = 500 units/month</li> <li>First 300 units to be billed at the rate of Rs. 3.20 per unit and balance at the rate of Rs. 3.80 per unit</li> <li>Monthly bill shall be 300 units x Rs.3.20/unit = Rs.960/- + 200 units x Rs.3.80 = Rs.760/- Total monthly bill = Rs.1720/-</li> <li>Bill for 6 months shall be = Rs.10320/-</li> </ol>	Rs.100/HP/month x 10 HP x 6 months = Rs.6000/- to be paid in April	Rs.10320 - Rs.6000 = Rs.4320 to be paid at the rate of Rs.720 per month
October to March	150 units /HP/month x 10 HP x 6 months = 9000 units	<ol style="list-style-type: none"> <li>150 units/HP/month x 10 HP= 1500 units in a month</li> <li>First 300 units to be billed at the rate of Rs.3.20 per unit, 301 to 750 units i.e. 450 units to be billed at the rate of Rs.3.80 per unit, balance 750 units to be billed at the rate of Rs. 4.05/unit.</li> <li>Bill for 1500 units for one month shall be 300 units x Rs.3.20/unit = Rs. 960/- plus 450 units x Rs.3.80 per unit = Rs.1710, plus 750 units x Rs.4.05/unit = Rs.3037.5/- Total monthly bill Rs.5707.5/-</li> <li>Bill for 6 months shall be Rs.5707.5/ month x 6 months = Rs.34254/-</li> </ol>	Rs.100/HP/month x 10 HP x 6 months = Rs.6000/- to be paid in October	Rs. 34254 - Rs.6000 = Rs.28254 to be paid at the rate of Rs. 4707.5 per month

**1.3 Basis of energy audit and accounting for categories LV 5.1 and LV 5.4:**

- i) For energy audit and accounting purposes, actual billed consumption of metered consumers covered under tariff schedule LV 5.1 and LV 5.4 shall be considered.
- ii) For unmetered agriculture consumers on flat rate under LV 5.4 assessed consumption shall be as per following norms:

Particulars		No. of units per HP of sanctioned load per month			
		Urban Area		Rural Area	
Type of Pump Motor	Nature of connection	April to Sept	Oct to March	April to Sept	Oct to March
Three Phase	Permanent	90	170	50	150
	Temporary	175		155	
Single Phase	Permanent	90	180	60	160
	Temporary	190		170	

- 1.4 Agricultural consumers opting for temporary supply shall have to pay the charges in advance for three months including those who request to avail connection for one month only subject to replenishment from time to time for extended period and adjustment as per final bill after disconnection. Regarding temporary connection for the purpose of threshing the crops, temporary connection for a period of one month can be served at the end of Rabi and Kharif seasons only with payment of one month's charges in advance.

- 1.5 Following **incentive\*** shall be given to the metered agricultural consumers on installation of energy saving devices –

S. No.	Particulars of Energy Saving Devices	Rate of rebate
1.	ISI / BEE star labeled motors for pump sets	15 paise per unit
2.	ISI / BEE star labeled motors for pump sets and use of frictionless PVC pipes and foot valve	30 paise per unit
3.	ISI / BEE star labeled motors for pump sets and use of frictionless PVC pipes and foot valves along with installation of shunt capacitor of appropriate rating	45 paise per unit

\* Incentive shall be allowed on the consumer's contribution part of the normal tariff ( full tariff minus amount of Govt. subsidy per unit, if any) for installation of energy saving devices under demand side management. This incentive will be admissible only if full bill is paid within due dates failing which all consumed units will be charged at normal rates. Incentive will be admissible from the month following the month in which Energy Saving Devices are put to use and its verification by a person authorized by the Distribution Licensee. The Distribution Licensee is required to arrange wide publicity to above incentive in rural areas. The licensee is required to place quarterly information regarding incentives provided on its web site.

#### 1.6 Minimum consumption

- (i) **For Metered agricultural consumers (LV-5.1 and LV-5.2):** The consumer shall guarantee a minimum consumption of 30 units per HP or part thereof of connected load per month for the months from April to September and 90 units per HP or part thereof of connected load per month for the months from October to March irrespective of whether any energy is consumed or not during the month.
- (ii) **For other than agricultural use (LV-5.3) :**
  - a) The consumer will guarantee a minimum annual consumption (kWh) based on 180 units/HP or part thereof of contract demand in notified rural areas and 360 units/HP or part thereof of contract demand in urban areas irrespective of whether any energy is consumed or not during the year.
  - b) The consumer shall be billed monthly minimum 15 units per HP per month in rural area and 30 units per HP per month in urban area in case the actual consumption is less than monthly minimum consumption (kWh).
  - c) **Method of billing of minimum consumption** shall be as given in the General Terms and Conditions of Low Tension Tariff.

#### 1.7 Additional Charge for Excess Demand: Shall be billed as given in the General Terms and Conditions of Low Tension Tariff.



- 1.8 **Delayed payment surcharge** in case of agriculture consumers on LV - 5.4 flat rate tariff shall be levied @ of Rs 1 every month for each block or part thereof of arrears of Rs.100/-. For other sub categories of this Tariff Schedule, the delayed payment surcharge shall be billed as specified under General Terms and Conditions of Low Tension Tariff.
- 1.9 **Specific conditions for DTR metered consumers:**
- a. All the consumers connected to the DTR shall pay the energy charges for the units worked out based on their actual connected load.
  - b. The Distribution Licensee will obtain consent of such connected consumers for billing as per procedure specified in (a) above.
- 1.10 One lamp up to 40 W is permitted at or near the pump in the power circuit.
- 1.11 The use of three phase agriculture pump by installing external device during the period when the supply is available on single phase, shall be treated as illegal extraction of energy and action as per prevailing rules and Regulations shall be taken against the defaulting consumer.
- 1.12 Other terms and conditions shall be as specified under General Terms and Conditions of Low Tension Tariff.
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## **GENERAL TERMS AND CONDITIONS OF LOW TENSION TARIFF**

1. **Rural Areas** mean those areas notified by the GoMP vide notification no. 2010/F13 /05/13/2006 dated 25<sup>th</sup> March 2006 as may be amended from time to time. **Urban areas** mean all areas other than those notified by the GoMP as Rural Areas.
2. Rounding off: All bills will be rounded off to the nearest rupee i.e. up to 49 paisa shall be ignored and 50 paisa upwards shall be rounded off to next Rupee.
3. Billing Demand: In case of demand based tariff, the billing demand for the month shall be the actual maximum kVA demand of the consumer during the month or 90% of the contract demand, whichever is higher. The billing demand shall be rounded off to the nearest integer number i.e. fraction of 0.5 or above will be rounded to next higher integer and the fraction of less than 0.5 shall be ignored.
4. Fixed charges billing: Unless specified otherwise, fractional load for the purposes of billing of fixed charges shall be rounded off to nearest integer i.e. fraction of 0.5 or above will be rounded to next higher integer and the fraction of less than 0.5 shall be ignored. However for loads less than one kW/HP, it shall be treated as one kW/HP.
5. **Method of billing of minimum consumption:**
  - A. **For metered agricultural consumers and other than agricultural consumers horticulture activity - LV 5.1 and LV 5.2:** The consumer shall be billed minimum monthly consumption (kWh) specified for his category for the month in which his actual consumption is less than prescribed minimum consumption.
  - B. **For other consumers where applicable :**
    - a. The consumer shall be billed one twelfth of guaranteed annual minimum consumption (kWh) specified for his category each month in case the actual consumption is less than above mentioned minimum consumption.
    - b. During the month in which actual cumulative consumption equals or is greater than the annual minimum guaranteed consumption, no further billing of monthly minimum consumption shall be done in subsequent months of the financial year and only actual recorded consumption shall be billed.
    - c. Tariff minimum consumption shall be adjusted in the month in which cumulative actual or billed monthly consumption exceeds cumulative monthly prorated minimum annual guaranteed consumption. If actual cumulative consumption does not get fully adjusted in that month, adjustment shall continue to be provided in subsequent months of the financial year. The following example illustrates the procedure for monthly billing of consumption where prorated monthly minimum consumption is 100 kWh based on annual consumption of 1200 kWh.

Month	Actual cumulative consumption (kWh)	Cumulative minimum consumption (kWh)	Higher of 2 and 3 (kWh)	Already billed in the year (kWh)	To be billed in the month = (4-5) (kWh)
1	2	3	4	5	6
April	95	100	100	0	100
May	215	200	215	100	115
June	315	300	315	215	100
July	395	400	400	315	85
Aug	530	500	530	400	130
Sept	650	600	650	530	120
Oct	725	700	725	650	75
Nov	805	800	805	725	80
Dec	945	900	945	805	140
Jan	1045	1000	1045	945	100
Feb	1135	1100	1135	1045	90
March	1195	1200	1200	1135	65

**6. Additional Charge for Excess Demand:** Shall be billed as per following procedure:

- a) **Consumers opting for demand based tariff:** The consumers availing supply at demand based tariff shall restrict their actual maximum demand within the contract demand. However, in case the actual maximum demand recorded in any month exceeds 105% of the contract demand, the tariff in this schedule shall apply to the extent of 105 % of the contract demand only. The consumer shall be charged for demand recorded in excess of 105% of contract demand (termed as Excess Demand) and consumption corresponding thereto at the following rates:-
- b) **Energy charges for Excess Demand:** The consumer shall pay charges @ 1.3 times the tariff for energy charges for consumption corresponding to excess demand in case the maximum demand recorded exceeds the 105% of the contract demand.

Example: If a consumer having a contract demand of 50 kVA records a maximum demand of 60 kVA, the billing of energy charges for excess demand of (60 kVA- 52.5 kVA)= 7.5 kVA shall be = (total consumption recorded during the month\* 7.5 kVA/maximum recorded demand)\*1.3\* energy charge unit rate.

- c) **Fixed Charges for Excess Demand:** These charges shall be billed as per following:
- Fixed Charges for Excess Demand when the recorded maximum demand is up to 115% of the contract demand:** Fixed Charges for Excess Demand over and above the 105 % of contract demand shall be charged at 1.3 times the normal rate of Fixed Charges.

**2. Fixed Charges for Excess Demand when the recorded maximum demand exceeds 115% of contract demand:** In addition to Fixed Charges in 1 above, recorded demand over and above 15 % of the contract demand shall be charged at 2 times the normal rate of Fixed Charges.

- d) The above billing for Excess Demand, applicable to consumers is without prejudice to the Distribution Licensee's right to ask for revision of agreement and other such rights that are provided under the Regulations notified by the Commission or under any other law.
- e) The maximum demand of the consumer in each month shall be reckoned as four times the largest amount of kilovoltampere hours delivered at the point of supply of the consumer during any continuous fifteen minutes in that month.

**7. Other Terms and Conditions:**

- (a) For **advance payment** made before commencement of consumption period for which bill is prepared, a rebate of 1 % per month on the amount (excluding security deposit) which remains with the Distribution Licensee at the end of calendar month shall be credited to the account of the consumer after adjusting any amount payable to the Distribution Licensee.
- (b) **Incentive for prompt payment:** An incentive for prompt payment @0.25% of the bill amount (excluding Electricity Duty and Cess) shall be given in case the payment is made at least 7 days in advance of the due date of payment where the current month billing amount is equal to or greater than Rs. One Lakh. The consumers in arrears shall not be entitled for this incentive.
- (c) The Sanctioned Load or Connected Load or Contract Demand should not exceed 75 kW / 100 HP except where a higher limit is specified or the category is exempted from the ceiling on connected load. If the consumer exceeds his connected load or contract demand beyond this ceiling on more than two occasions in two billing months during the tariff period, the Distribution Licensee may insist on the consumer to avail HT supply.
- (d) Metering Charges shall be billed as per schedule of Metering and Other Charges as prescribed in MPERC (Recovery of Expenses and other Charges for providing Electric Line or Plant used for the purpose of giving supply), Regulations (Revision-I), 2009. Part of a month will be reckoned as full month for purpose of billing.
- (e) In case the cheque presented by the consumer is dishonoured, without prejudice to Distribution Licensee's rights to take recourse to such other action as may be available under the relevant law, a service charge of Rs. 150 per cheque shall be levied in addition to delayed payment surcharge

- (f) Other charges as stated in Schedule of Miscellaneous Charges shall also be applicable.
- (g) **Welding Surcharge** is applicable to installations with welding transformers, where the connected load of welding transformers exceeds 25% of the total connected load and where suitable capacitors of prescribed capacity have not been installed to ensure power factor of not less than 0.8 (80%) lagging. Welding Surcharge of 75 (seventy five) paisa per unit shall be levied for the consumption of the entire installation during the month. However, no welding surcharge shall be levied when recorded power factor is 0.8 or more.
- (h) For purposes of computing the connected load in kW of the welding transformers, a power factor of 0.6 (60%) shall be applied to the maximum current or kVA rating of such welding transformers.
- (i) Existing LT power consumer shall ensure that LT capacitor of proper rating is provided. In this regard, the Madhya Pradesh Electricity Supply Code, 2004, as amended from time to time may be referred for guidance. It shall be the responsibility of the consumer to ensure that overall average power factor during any month is not less than 0.8 (80%) failing which the consumer shall be liable to pay low power factor surcharge on the entire billed amount against energy charges during the month at the rates given below:

**1. For the consumer whose meter is capable of recording average power factor:**

- a. Surcharge @ 1 % of energy charges for every 1% fall in power factor below 80% up to 75 %.
- b. Surcharge of 5% plus 1.25% of energy charges for every 1% fall in power factor below 75% up to 70%.

The maximum limit of surcharge will be 10 % of the energy charges billed during the month.

**2. For LT consumer having meter not capable of recording average power factor:** The consumer shall ensure that LT capacitors of proper rating are provided and are in good working condition. In this regard, the Madhya Pradesh Electricity Supply Code, 2004, as amended from time to time may be referred for guidance. In case of failure to meet the above criteria, the consumer would be levied a low power factor surcharge of 10% on the entire billed amount against energy charges during the month and would be continued to be billed till such time the consumer meets the above criteria .

- (j) Levy of welding / power factor surcharge as indicated hereinabove shall be without prejudice to the rights of the Licensee to disconnect the consumer's

installation, if steps are not taken to improve the power factor by installing suitable shunt capacitors.

- (k) Load Factor incentive: Following slabs of incentive shall be allowed for consumers billed under demand based tariff:

<b>Load factor</b>	<b>Concession in energy charges</b>
For load factor above 25% and up to 30 % load factor on contract demand	12 paise per unit concession on the normal energy charges for all energy consumption over and above 25% load factor during the billing month
For load factor above 30% and up to 40 % load factor on contract demand	In addition to load factor concession available up to 30% load factor , concession at the rate of 24 paise per unit on the normal energy charges for all energy consumption over and above 30 % load factor during the billing month
For load factor above 40% load factor on contract demand	In addition to load factor concession available up to 40% load factor, concession at the rate of 36 paise per unit on the normal energy charges for all energy consumption over and above 40% load factor during the billing month

The **load factor** shall be calculated as per the following formula:

$$\text{Load factor (\%)} = \frac{\text{Monthly consumption} \times 100}{\text{No. of hours in the billing month} \times \text{Demand} \times \text{PF}}$$

- i. Monthly consumption shall be units (kWh) consumed in the month excluding those received from sources other than Licensee.
- ii. No. of Hours in billing month shall exclude period of scheduled outages in hours.
- iii. Demand shall be maximum demand recorded or contract demand whichever is higher.
- iv. Power factor shall be 0.8 or actual monthly power factor whichever is higher

**Note:** The Load Factor (%) shall be rounded off to the nearest lower integer. The billing month shall be the period in number of days between the two consecutive dates of meter readings taken for the purpose of billing to the consumer for the period under consideration as a month.

- (l) In case of any dispute on applicability of tariff on a particular LT category, the decision of the Commission shall be final.
- (m) The tariff does not include any tax, cess or duty, etc. on electrical energy that may be payable at any time in accordance with any law then in force. Such charges, if

any, shall also be payable by the consumer in addition to the tariff charges and applicable miscellaneous charges.

- (n) **Delayed payment Surcharge for all categories:** Surcharge at the rate of 1.00 % per month or part thereof on the amount outstanding (including arrears) will be payable if the bills are not paid up to due date subject to a minimum of Rs.5/- per month for total outstanding bill amount up to Rs. 500/- and Rs 10/ per month for amount of bill more than Rs.500/. The part of a month will be reckoned as full month for the purpose of calculation of delayed payment surcharge. The delayed payment surcharge will not be levied for the period after supply to the consumer is permanently disconnected.
- (o) In case of conversion of LT connection into HT connection, it is mandatory on the part of both the consumer and the licensee to get the HT agreement executed before availing supply at HT.

(p) **Power Factor Incentive:**

If the average monthly power factor of the consumer is equal to or more than 85%, incentive shall be payable as follows:

<b>Power Factor</b>	<b>Percentage incentive payable on billed energy charges</b>
Above 85% up to 86%	0.5
Above 86% up to 87%	1.0
Above 87% up to 88%	1.5
Above 88% up to 89%	2.0
Above 89% up to 90%	2.5
Above 90% up to 91%	3.0
Above 91% up to 92%	3.5
Above 92% up to 93%	4.0
Above 93% up to 94%	4.5
Above 94% up to 95%	5.0
Above 95% up to 96%	6.0
Above 96% up to 97%	7.0
Above 97% up to 98%	8.0
Above 98% up to 99%	9.0
Above 99%	10.0

For this purpose, the “average monthly power factor” is defined as the ratio in percentage of total kilowatthours to the total kilovoltampere hours recorded during the month.

- (q) Use of mix loads in one connection: Unless otherwise permitted specifically in the tariff category, the consumer requesting for use of mix loads for different purposes shall be billed for the purpose for which the tariff is higher.

- (r) Consumers in the notified Industrial Growth Centres area receiving supply under urban discipline shall be billed urban tariff.
- (s) No change in the tariff or the tariff structure including minimum charges for any category of consumer is permitted except with prior written permission from the Commission. Any action taken without such written permission of the Commission shall be treated as null and void and shall also be liable for action under relevant provisions of the Electricity Act, 2003.
- (t) All conditions prescribed herein shall be applicable to the consumer notwithstanding if any contrary provisions exist in the agreement entered into by the consumer with the licensee.

**8. Additional conditions for Temporary Supply at LT:**

- (a) Temporary supply cannot be demanded by a prospective/ existing consumer as a matter of right but will normally be arranged by the Distribution Licensee when a requisition giving due notice is made. The temporary additional supply to an existing consumer also shall be treated as a separate service and charged subject to following conditions. However service under Tatkal Scheme shall be made available within 24 hours according to the charges specified in the order of the Commission regarding Schedule of Miscellaneous Charges.
- (b) Fixed Charge and Energy Charge for temporary supply shall be billed at **1.3** times the normal charges as applicable to relevant category if not specified otherwise specifically.
- (c) Estimated bill amount is payable in advance before serving the temporary connection subject to replenishment from time to time and adjustment as per final bill after disconnection. No interest shall be given to consumers for this advance payment.
- (d) The Sanctioned load or connected load shall not exceed 75 kW / 100 HP.
- (e) The month for the purpose of billing of charges for temporary supply shall mean 30 days from the date of connection. Any period less than 30 days shall be treated as full month for the purpose of billing.
- (f) Connection and disconnection charges and other miscellaneous charges shall be paid separately as may be specified in the Schedule of Miscellaneous Charges.



- (g)** Load factor concession shall not be allowed on the consumption for temporary connection.
  - (h)** Power factor incentive/penalty shall be applicable at the same rate as applicable for permanent connection.
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