

**Madhya Pradesh Paschim
Kshetra Vidyut Vitaran Company
Limited**



**ARR/TARIFF PETITION FY-12
PROPOSED TARIFF
SCHEDULE - LT**

ANNEXURE TO TARIFF PETITION
FOR FINANCIAL YEAR 2011-12
PROPOSED TARIFF SCHEDULES
FOR LOW TENSION CONSUMERS

Table of Contents

Tariff Category		Page No
LV - 1	Domestic	3
LV – 2	Non-Domestic	8
LV – 3.1	Public Water works	12
LV – 3.2	Street Lights	12
LV – 4.1	LT Industry (Non-Seasonal)	14
LV – 4.2	LT Industry (Seasonal)	14
LV– 5.1	Irrigation pumps for agriculture	21
LV-5.2	Agriculture other than irrigation	21

Schedules for Low Tension Consumers

Tariff Schedule-- LV-1

DOMESTIC:-

Applicability:

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

Domestic sub-category LV-1.1

**[Consumers having sanctioned load not more than 100Watts (0.1KW)
and consumption not more than 45 units per month]**

Tariff

- (a) **Energy Charge** – For actual consumption of metered connection

Monthly consumption	Energy charges (Rs. per unit) Urban/ Rural areas	Minimum charges (Rs. per connection per month)
Up to 45 units		

- (b) **Fixed Charge** – No fixed charge is applicable to this category of consumers.

Domestic sub-category LV-1.1

Tariff LV-1.2:

- (a) (i) **Energy Charge** – For actual consumption of metered connection

Slabs of monthly consumption	Energy charges with telescopic benefit (Rs. per unit)	Minimum charges (Rs. per connection per month)	
	Urban/Rural	Urban area	Rural area
Up to 50 units			
51 to 100 units			
101 to 200 units			
Above 200 units			
Demand Based		Annual minimum consumption based on 480 units per KW or part thereof of	Annual minimum consumption based on 240 units per KW or part thereof of billing demand
Temporary connection for construction of own house (max. up to			
Temporary connection for social/marriage purposes and religious functions			
Supply through DTR meter for clusters of Jhuggi/Jhopadi till individual meters are provided		NIL	NIL

(ii) Energy charge for un-metered domestic connections:

Particulars	Units and Energy charges to be billed per month for unmetered connections (Rs. per unit)	Minimum charges (Rs. per connection per month)
Un-metered connection in urban areas	units @ per unit	NIL
Un-metered connection in rural areas	units @ per unit	NIL

(b) Fixed Charge – This charge is recoverable per month at the rate given in the table below in addition to energy charge. This charge shall also be applicable for temporary /un-metered connections. This charge is, however, not applicable to consumers receiving supply through DTR meter.

For Slabs of monthly consumption for permanent individual connection/ temporary/DTR meter connection	Monthly Fixed Charges (in Rs)	
	Urban areas	Rural areas
Up to 50 units	per connection	per connection
51 to 100 units	per connection	per connection
101 up to 200 units	for each 0.5 KW of authorised load	for each 0.5 KW of authorised load
Above 200 units	for each 0.5 KW of authorised load	for each 0.5 KW of authorised load
Demand Based (for Above 10 KW Load)	per KW or part thereof or per kVA or part thereof of billing demand	per KW or part thereof or per kVA or part thereof of billing demand

For Slabs of monthly consumption for permanent individual connection/	Monthly Fixed Charges (in Rs)	
	Urban areas	Rural areas
Temporary connection for construction of own house (max. up to one year)	for each 0.5 KW of sanctioned or connected or recorded load whichever is highest.	for each 0.5 KW of sanctioned or connected or recorded load whichever is highest.
Temporary connection for social / marriage / religious functions	Rs 10/- for each 0.5 KW of sanctioned or connected or recorded load, whichever is highest, for each 24 hours duration or part thereof.	Rs 6/- for each 0.5 KW of sanctioned or connected or recorded load, whichever is highest, for each 24 hours duration or part thereof.
Un-metered connection	per connection	per connection
Through DTR meter for clusters of Jhuggi/Jhopadi till individual meters are provided	Nil	Nil

Note: The authorized load shall be as defined in the Electricity Supply Code 2004. (Every 75 units 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 one KW. In case the consumption is 350 units then the authorised load will be taken as 2.5 KW.)

Terms and conditions:

- 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 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.
- d) **Tariff Schedule-- LV-2**

NON-DOMESTIC:-

Non-Domestic sub-category LV-2.1

Applicability:

This tariff is applicable for light, fan and power to Dharamshalas other than registered trustees Educational Institutions including workshops & 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 charges (Rs. per unit)	Monthly Fixed Charges (in Rs.)	
	Urban / Rural areas	Urban areas	Rural areas
Sanctioned load based tariff		per KW	per KW

	Energy charges (Rs. per unit)	Monthly Fixed Charges (in Rs.)	
Sub category <u>OPTIONAL</u> Demand based tariff for Contract demand above 10KW		per kW Or per kVA of billing	per kW Or per kVA of billing

Non-Domestic sub-category LV-2.1

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, Government Offices, Government Hospitals and Government medical care facilities including Primary Health Centres, offices belonging to public/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, Telecom Towers of Licensed Infrastructure Companies, places of public entertainment, circus shows, hotels, cinemas, professional's chambers (like Advocates, Chartered Accountants, Consultants, Doctors etc.), private clinics, nursing homes and private hospitals, bottling plants, marriage gardens, marriage houses, advertisement services, advertisement boards/ hoardings, training or coaching institutes, petrol pumps and service stations, tailoring shops, laundries, gymnasiums and health clubs 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 charges (Rs. per unit)	Monthly Fixed charges (in Rs.)	
	Urban/Rural areas	Urban area	Rural
On all units if monthly consumption is not more than 50		per KW	per KW
On all units in case monthly consumption exceeds 50 units		per KW	per KW

Sub category	Energy charges (Rs. per unit)	Monthly Fixed charges (in Rs.)	
	Urban/Rural areas	Urban area	Rural
<u>OPTIONAL</u> Demand based tariff for contract demand above 10 KW		per KW Or per kVA of billing demand	per KW Or per kVA of billing demand
Temporary connections including Multi point temporary connection at LT for Mela*		per KW or part thereof of sanctioned or connected or recorded load whichever is highest	per KW or part thereof of sanctioned or connected or recorded load whichever is highest

	Energy charges (Rs. per unit)	Monthly Fixed charges (in Rs.)	
Temporary connection for marriage purposes at marriage gardens or marriage halls or any other premises covered under LV 2.1 and Subcategories	(Minimum consumption charges shall be billed @ 6 Units per KW or part thereof of Sanctioned or Connected or Recorded Load whichever is highest for each 24 hours duration or part there of subject to a minimum of Rs./- in Urban area and Rs./- in Rural area)	Rs. for each KW or part thereof of sanctioned or connected or recorded load whichever is highest for each 24 hours duration or part thereof	Rs. for each KW or part thereof of sanctioned or connected or recorded load whichever is highest for each 24 hours duration or part thereof
For X-Ray plant	Additional Fixed charges (Rs. per machine per month)		
Single Phase			
Three Phase			

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

Terms and Conditions:

a) Minimum consumption:

- i. The consumer shall guarantee a minimum annual consumption of 480 units per KW or part thereof in urban areas and 240 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.

ii. 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.

iii. During the month in which actual cumulative consumption equals or greater than the annual minimum guaranteed consumption, no further billing of monthly minimum consumption shall be done in subsequent months of the financial year.

iv. In the month in which cumulative actual or billed monthly consumption of the consumer exceeds the cumulative monthly prorated minimum annual guaranteed consumption and if the consumer was charged in earlier months for tariff minimum consumption on account of his actual consumption being less, then such tariff minimum difference of energy charge shall be adjusted in the month in which cumulative actual or billed monthly consumption exceeds cumulative monthly prorated minimum guaranteed annual consumption. If such tariff minimum difference does not get fully adjusted in that month, such adjustments shall be continued to be done in subsequent months of the financial year.

b) Additional Charge: Shall be as per following:

i. Consumers opting for demand based tariff: The consumers availing supply at demand based tariff shall, restrict their actual

maximum demand within the contract demand. The consumer shall pay charges @ 2 times the tariff for fixed charges and energy charges for consumption corresponding to excess demand in case the maximum demand recorded exceeds the contract demand and while doing so, the other terms and conditions of tariff, if any, shall also be applicable on the said excess demand. The tariff minimum charge on account of excess demand recorded in a particular month shall not be adjusted in subsequent months.

Example: If a consumer having a contract demand of 50 KW records a maximum demand of 60 KW, the billing of fixed charges and energy charges for excess demand of (60 KW-50KW)= 10 KW shall be as follows:

1. Fixed charges for excess demand= (fixed charges for contract demand*10 KW*2)/contract demand
 2. Energy charges for excess demand = (total consumption recorded during the month* excess demand/ maximum recorded demand)*2* energy charge unit rate
- ii. The above billing for Excess Demand at 2 times the normal tariff, applicable to consumers is without prejudice to the 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.
- c) Other terms and conditions shall be as specified under General Terms and Conditions.
- d) **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. will not fall in this category but 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 the highest tariff shall be applicable.

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 Government or Local Bodies and Sulabh Shochalaya.

Tariff:

The tariff for the sub-categories shall be based on current monthly consumption as per following table:

Category of consumers / Area of applicability	Monthly Fixed Charges (in Rs. per KW)		Energy Charges (Rs. per unit)	Minimum Charges
	Urban area	Rural area		

Category of consumers / Area of applicability	Monthly Fixed Charges (in Rs. per KW)		Energy Charges	Minimum Charges
LV-3.1: Public Water Works			(Rs. per unit)	
Municipal Corporation/ Cantonment board				No Minimum Charges
Municipality/ Nagar Panchayat				
Gram Panchayat				
Temporary				
LV-3.2: Street light				
Municipal Corporation/ Cantonment board				No Minimum Charges
Municipality/ Nagar Panchayat			5.25	
Gram Panchayat				

Terms and Conditions:

(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 its verification by a person authorized by the licensee. This incentive will continue to be allowed

till such time these energy saving devices remain in service. The licensee is required to arrange wide publicity of above incentive.

- (b) Other terms and conditions shall be as specified under General Terms and Conditions.
- (c) **Tariff Schedule – LV-4**
- (d) LT INDUSTRIAL
- (e) Applicability:
- (f) 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 other than chilling, pasteurization etc to produce other end products of milk.)

Tariff: For Non seasonal and seasonal consumers

	Category of consumers	Monthly Fixed Charges (in Rs.)		Energy Charges (Rs. per unit)
		Urban Areas	Rural Areas	Urban/Rural Areas
4.1	Non seasonal consumers			
4.1 a	LT industries having connected load up to 25 HP	80.00 per HP	per HP	
4.1b(i)	Demand based tariff (Contract demand and connected load up to 100HP)	per KW Or per kVA of billing demand	per KW Or per kVA of billing demand	
4.1b(ii)	Demand based tariff (Contract demand up to 100 HP and connected load more than 100 HP but not exceeding 150 HP)	per KW Or per kVA of billing demand	per KW Or per kVA of billing demand	
4.1 c	Demand based tariff (Contract demand more than 100 HP & up to 150 HP with connected load not exceeding 150HP*) (For existing consumers only)	per KW Or per kVA of billing demand	per KW Or per kVA of billing demand	
4.1 d	Temporary connection	per HP	per HP	

*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	

- (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) Demand based tariff for contract demand above 100 HP & up to 150 HP is for **existing consumers** only under LV 4.1 c category. No new connection under this category be released.
- (d) **Minimum Consumption:** Shall be as per following:

(d.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 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 in rural area and 40 units per HP per month in urban area in case the actual consumption is less than above specified units.

(d.2) For connected load more than 100HP up to 150HP

i. For LT Industries in rural areas: The consumer shall guarantee a minimum annual consumption (KWH) based on 300 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 25 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.

(d.3) During the month in which the annual minimum guaranteed consumption is achieved, no further billing of monthly minimum consumption shall be done in subsequent months of the financial year.

(d.4) In the month in which cumulative actual or billed monthly consumption of the consumer exceeds the cumulative monthly prorated minimum annual guaranteed consumption and if the consumer was charged in earlier months for tariff minimum consumption on account of his actual consumption being less, then such tariff minimum difference of energy charge shall be adjusted in the month in which cumulative actual or billed monthly consumption exceeds cumulative monthly prorated minimum guaranteed annual consumption. If such tariff minimum difference does not get fully adjusted in that month, such adjustments shall be continued to be done in subsequent months of the financial year.

(e) **Additional Charge:** Shall be as per following:

- i. The consumer availing supply at demand based tariff shall, restrict his actual maximum demand within the contract demand. In case the maximum demand recorded exceeds the contract demand, the consumer shall pay charges @ 2 times the tariff for fixed charges and energy charges for consumption corresponding to excess demand and while doing so, the other terms and conditions of tariff, if any, shall also be applicable on the said excess demand. The tariff minimum charge on account of excess demand recorded in a particular month shall not be adjusted in subsequent months.

Example: If a consumer having a contract demand of 50 KW records a maximum demand of 60 KW, the billing of fixed charges and energy charges for excess demand of $(60 \text{ KW} - 50 \text{ KW}) = 10 \text{ KW}$ shall be as follows:

- Fixed charges for excess demand= (fixed charges for contract demand*10 KW/contract demand)*2
- Energy charges for excess demand = (total consumption recorded during the month* 10 KW/Maximum recorded demand)*2* energy charge unit rate

ii. The above billing of Excess Demand at 2 times the normal tariff is without prejudice to the licensee's right to ask for revision of agreement and other such rights that are provided under the regulations notified by the Commission or any other law.

Of Other terms and conditions shall be as specified under General Terms and Conditions.

Og Other Terms and conditions for **seasonal consumers**:

- i. The consumer has to declare months of season and off season for the financial year 2011-12 within 60 days of issue of tariff order and inform the same to the 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.

Tariff Schedule – LV - 5

AGRICULTURAL AND OTHER THAN AGRICULTURAL

Applicability:

The tariff **LV-5.1** shall apply to agricultural pump connections, chaff cutters, threshers, winnowing machines, seeding machines and irrigation pumps of lift irrigation schemes including water drawn by agriculture pumps for use by cattle.

The tariff **LV-5.2** shall apply to connection for nurseries growing flowers/ plants/ saplings/ fruits, fisheries ponds, aquaculture, sericulture, hatcheries, poultry farms, cattle breeding farms, grasslands and mushroom growing farms and those dairy units only where extraction of milk and its processing such as chilling, pasteurization etc. is done .

Tariff:

S. No.	Sub-Category	Monthly Fixed charges (in Rs.)	Energy charges (Rs. per unit)
5.1	For agricultural use		
a)	First 300 units per month	NIL	
b)	Rest of the units in the month	NIL	
c)	Temporary connections	NIL	
d)	DTR metered group consumers	NIL	
5.2	For other than agricultural use		
a)	Up to 25 HP in urban areas	per HP	
b)	Up to 25 HP in rural areas	per HP	

c)	Demand based tariff (Contract demand and connected load up to 100 HP) in urban areas	per KW Or per kVA of billing demand	
d)	Demand based tariff (Contract demand and connected load up to 100 HP) in rural areas	per KW Or per kVA of billing demand	

1. Basis of billing of energy of un-metered consumption:

Assessed consumption for billing of un-metered agriculture consumers shall be as under:

Particulars		No. of units per HP of sanctioned load per month							
		Urban Area				Rural Area			
Type of Pump Motor	Nature of connection	April 2011	May 2011	Apr to Sept. 2011	Oct 2011 to Mar 2012	April 2011	May 2011	Apr to Sept. 2011	Oct 2011 to Mar 2012
Three Phase	Permanent								
	Temporary			190	190			170	170
Single Phase	Permanent								160
	Temporary								

Terms and conditions:

- (a)** 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

thrashing 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.

(b) 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 in tariff
1.	ISI / BEE star labelled motors for pump sets	15 paise per unit
2.	ISI / BEE star labelled motors for pump sets and use of frictionless PVC pipes and foot valve	30 paise per unit
3.	ISI / BEE star labelled 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 licensee. The 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.

(c) **Minimum consumption**

(i) **For Metered agricultural consumers (LV-5.1):** The consumer shall guarantee a minimum consumption of 25 units

per HP or part thereof of connected load per month for the months from July to September and 75 units per HP or part thereof of connected load per month for the remaining months irrespective of whether any energy is consumed or not during the year.

(ii) **For other than agricultural use (LV-5.2) :**

a) The consumer will guarantee a minimum annual consumption (KWH) based on 240 units/HP or part thereof of contract demand in rural areas and 480 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 20 units per HP per month in rural area and 40 units per HP per month in urban area in case the actual consumption is less than monthly minimum consumption (KWH).

c) During the month in which the annual minimum guaranteed consumption is achieved, no further billing of monthly minimum consumption shall be done in subsequent months of the financial year.

d) In the month in which cumulative actual or billed monthly consumption of the consumer exceeds the cumulative monthly prorated minimum annual guaranteed consumption and if the consumer was charged in earlier months for tariff minimum consumption on account of his actual consumption being

less, then such tariff minimum difference of energy charge shall be adjusted in the month in which cumulative actual or billed monthly consumption exceeds cumulative monthly prorated minimum guaranteed annual consumption. If such tariff minimum difference does not get fully adjusted in that month, such adjustments shall be continued to be done in subsequent months of the financial year.

- (d) Additional charge for other than agricultural use (LV-5.2):** The consumer availing supply at demand based tariff shall, restrict his actual maximum demand within the contract demand. In case the maximum demand recorded exceeds the contract demand, the consumer shall pay charges @ 2 times the tariff for fixed charges and energy charges for consumption corresponding to excess demand and while doing so, the other terms and conditions of tariff, if any, shall also be applicable on the said excess demand. The tariff minimum charge on account of excess demand recorded in a particular month shall not be adjusted in subsequent months.

Example: If a consumer having a contract demand of 50 KW records a maximum demand of 60 KW, the billing of fixed charges and energy charges for excess demand of (60 KW-50KW)= 10 KW shall be as follows:

- a) Fixed charges for excess demand= (fixed charges for contract demand*10 KW/contract demand)*2
- b) Energy charges for excess demand = (total consumption recorded during the month* 10 KW/maximum recorded demand)*2* energy charge unit rate

(e) 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 Licensee will obtain consent of such connected consumers for billing as per procedure specified in (a) above.

(f) One lamp up to 40 W is permitted at or near the pump in the power circuit.

(g) 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.

(h) Other terms and conditions shall be as specified under General Terms and Conditions.

GENERAL TERMS AND CONDITIONS OF LOW TENSION TARIFF

1. **Rural Areas** mean feeder declared by the Distribution Licensee for receiving supply as per rural discipline under load regulatory measures.
2. Rounding off: All bills will be rounded off to the nearest rupee i.e. up to 49 paise shall be ignored and 50 paise 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: Fractional load for the purposes of billing of fixed charges shall be rounded off to next higher integer unless specified otherwise. The connected/sanctioned load for un-metered agricultural consumers will be rounded to next higher integer for the purpose of the assessment of energy.
5. 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 licensee at the end of calendar month shall be credited to the account of the consumer after adjusting any amount payable to the 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 lac. 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. If the consumer exceeds his load / demand beyond this ceiling on more than two occasions in two billing months during the tariff period, the 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 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 120 (one hundred twenty) paise per unit shall be levied for the consumption of the entire installation during the month.

- (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, Madhya Pradesh Electricity Supply Code 2004 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%.

c. 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, Madhya Pradesh Electricity Supply Code, 2004 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 all the categories of consumers billed under demand based tariff:

Load factor	Concession in energy charges
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

Load factor	Concession in energy charges
	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:

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

- i. Monthly consumption shall be units 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 average 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.

- (a) In case of any dispute on applicability of tariff on a particular LT category, the decision of the Commission shall be final.

- (b) 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.
- (c) **Delayed payment Surcharge for all categories:** Surcharge at the rate of 2% 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.
- (d) 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.
- (e) **Power Factor Incentive:**

If the average monthly power factor of the consumer is above 85%, incentive shall be payable for each one percent by which the average monthly power factor exceeds 85 % as follows:

Power Factor	Incentive payable
Above 85% up to 95%	0.5 % (half percent) on the total amount of bill under the head of "Energy Charges" for each 1% increase in power factor.
Above 95%	In addition to power factor incentive up to 95%, incentive of 1 % (one percent) on the total amount of bill under the head of "Energy Charges" for each 1% increase in power

factor.

e.g. 1. If the average monthly power factor is 92 %, the incentive payable shall be 3.5 % of energy charges.

2. If the average monthly power factor is 97 %, the incentive payable shall be 5 % plus 2%= 7% of energy charges.

For this purpose, the “average monthly power factor” is defined as the ratio in percentage of total Kilo Watt hours to the total kilo volt Ampere hours recorded during the month. The power factor (%) shall be rounded off to the nearest lower integer.

(f) **Time of Day Surcharge / Rebate:** This scheme is applicable to the categories of consumers where demand based tariff is applicable. This is applicable for different periods of the day i.e. normal period, peak load and off-peak load period. The surcharge / rebate on energy charges according to the period of consumption shall be as per following table:

S. No.	Peak / Off-peak Period	Surcharge / Rebate on energy charges on energy consumed during the corresponding period
1.	Evening peak load period (6PM to 10 PM)	20% of Normal rate of Energy Charge as Surcharge
2.	Off peak load period (10 PM to 6 AM next day)	Normal rate of Energy Charge

Note: Fixed charges shall always be billed at normal rates i.e. ToD Surcharge / Rebate shall not be applied on Fixed Charges

(a) 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. However, pursuant to interim order

dated 13-05-08 in W.P.no.6006/2008 by the Hon'ble High Court of MP, LV-1 domestic tariff shall be applicable to the houses of advocates having professional chambers until further orders of Hon'ble High court of M.P.

- (b) Consumers receiving supply under urban discipline shall be billed urban tariff.
- (c) 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.

6. 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 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 **1.5** 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.

- (Od)** The Sanctioned load or connected load shall not exceed 75 KW / 100 HP.
- (Oe)** 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.
- (Of)** Connection and Disconnection Charges and other Miscellaneous charges shall be paid separately as may be specified in the Schedule of Miscellaneous Charges.
- (Og)** Load factor concession shall not be allowed on the consumption for temporary connection.
- (Oh)** Power factor incentive/penalty shall be applicable at the same rate as applicable for permanent connection.

Madhya Pradesh Paschim **Kshetra**

Vidyut Vitaran Company Limited

Indore



ARR/TARIFF PETITION FY-12

PROPOSED TARIFF

SCHEDULE-HT

ANNEXURE TO TARIFF PETITION

FOR FINANCIAL YEAR 2011-12
PROPOSED TARIFF SCHEDULES
FOR HIGH TENSION CONSUMERS

Table of Contents

Tariff Category		Page
HV – 1	Railway Traction	43
HV – 2	Coal Mines	46
HV – 3	Industrial and Non Industrial	49
HV – 3.1	Industrial	49
HV – 3.2	Non-Industrial	49
HV – 3.3	Shopping Mall	49
HV – 4	Seasonal	52
HV – 5	Irrigation and Public Water Works	56
HV – 5.1	Public Water Works, Lift Irrigation Schemes and Group Irrigation	56
HV – 5.2	Other than Agricultural Users	56
HV – 6	Bulk Residential Users	59

HV-7	Bulk Supply to Exemptees	61
------	--------------------------	----

Schedules for High Tension Consumers

Tariff Schedule-- HV-1

RAILWAY TRACTION:-

Applicability:

This Tariff shall apply to the Railways for Traction loads only.

Tariff:

S. No.	Category of consumer	Monthly Fixed charges (Rs. per kVA of billing demand per month)	Energy charges (Rs. per unit)
1	Railway Traction on 132kV / 220 kV		

Specific Terms and Conditions:

- (a) In order to give impetus to electrification of Railway network in the State, a rebate of 10% in energy charges for new Railway traction projects shall be allowed for a period of five years from the date of connection for such new projects for which agreements for availing supply from licensee are finalized during FY 2011-12. The rebate provided in earlier orders shall remain in force at the rate and for the duration as mentioned in those tariff orders.
- (b) The dedicated feeder maintenance charges shall **not** be applicable.
- (c) Guaranteed Annual Minimum Consumption shall be 1500 units (Kwh) per kVA of contract demand. The method of billing of minimum consumption shall be as given in General Terms and Conditions of High Tension tariff.
- (d) Power Factor Penalty:

- i.** If the average monthly power factor of the consumer falls below 90 percent, penalty will be levied at the rate of one percent of total energy charges for the month for each one percent fall in the average monthly power factor below 90 percent.
- ii.** If the average monthly power factor of the consumer falls below 85 percent, the consumer shall be levied a penalty of 5% (five percent) plus @ 2% (two percent) for each one percent fall in his average monthly power factor below 85 percent, on the total amount of bill under the head of “Energy Charges”. This penalty shall be subject to the condition that overall penalty on account of low power factor does not exceed 35%.
- iii.** For this purpose, the “average monthly power factor” is defined as the ratio expressed in percentage of total Kilo Watt hours recorded to the total kilo volt Ampere hours recorded during the billing month. This ratio (%) shall be rounded off to the nearest integer figure and the fraction of 0.5 or above will be rounded to next higher integer and the fraction of less than 0.5 shall be ignored.
- iv.** Notwithstanding what has been stated above, if the average power factor of a new consumer is found to be less than 90% at any time during the first 6 (six) months from the date of connection, the consumer shall be entitled to a further maximum period of six months to improve it to not less than 90% subject to following conditions:

This further period of six months shall be reckoned from the date on which the average power factor was found for the first time to be less than 90%.

In all cases, the consumer will be billed penal charges for low power factor, but in case the consumer maintains the average power factor in any consecutive four months during the said further period of 6 months to not less than 90%, the charges on account of low power factor billed during the said initial six months period, shall be withdrawn and credited in next monthly bills.

The facility, as mentioned herein, shall be available not more than once to new consumers whose average power factor is less than 90% at any time during initial 6 months from the date of connection. Thereafter, the charges on account of low average power factor, if found less than 90%, shall be payable as by any other consumer.

- v. Other terms and conditions shall be as mentioned in the General Terms and Conditions of High Tension Tariff.
-

Tariff Schedule – HV - 2

COAL MINES: ---

Applicability:

This Tariff shall apply to the Coal Mines for power, ventilation, lights, fans, coolers, etc. which shall mean and include all energy consumed for coal mines and lighting in the offices, stores, canteen, compound lighting etc and the consumption for residential colonies of coal mines.

Tariff:

S. No.	Sub category	Monthly Fixed charges (Rs. per kVA of billing demand per month)	Energy charges (Rs. per unit)	
			for consumption up to 50% load factor	for consumption in excess of 50% load factor
	Coal Mines			
	11 kV supply			
	33 kV supply			
	132 kV supply			
	220 kV supply			

Specific Terms and Conditions:

- a. **Guaranteed Minimum Consumption** shall be on the following basis
:

Supply Voltage	Guaranteed annual minimum consumption in units(KWH) per kVA of contract
-----------------------	--------------------------------------------------------------------------------

	demand
<i>For supply at 220 / 132 kV</i>	1620
<i>For supply at 33 / 11 kV</i>	1200

Note: The method of billing of minimum consumption shall be as given in General Terms and Conditions of High Tension tariff

- b. Load Factor Incentive:** The consumer shall be eligible for Load Factor incentive on energy charges as per the scheme given in General Terms and Conditions of High Tension Tariff.
 - c. Time of Day Surcharge / Rebate:** This surcharge/ rebate shall be as specified in General Terms and Conditions of High Tension tariff.
 - d.** Other terms and conditions shall be as specified under General Terms and Conditions of High Tension Tariff.
-

Tariff Schedule – HV - 3

INDUSTRIAL, NON-INDUSTRIAL AND SHOPPING MALLS

Applicability:

The **tariff HV-3.1(Industrial)** shall apply to all HT industrial consumers including mines (other than coal mines) for power, light and fan etc. which shall mean and include all energy consumed for factory and lighting in the offices, main factory building, stores, canteen, residential colonies of industries, compound lighting and Dairy units where milk is processed (other than chilling, pasteurization etc.) to produce other end products of milk.

The **tariff HV-3.2 (Non Industrial)** shall apply to establishments like Railway Stations, Offices, Hotels, Government Hospitals, Institutions etc. (excluding group of consumers) having mixed load for power, light and fan etc. which shall mean and include all energy consumed for lighting in the offices, stores, canteen, compound lighting etc. This shall also cover all other categories of consumers, defined in LT non-domestic category subject to the condition that the HT consumer shall not redistribute/sub-let the energy in any way to other person.

The **tariff HV-3.3 (Shopping malls)** shall apply to establishments of shopping malls having group of non-industrial consumers subject to the specific terms and conditions specified in (e) of this schedule.

Shopping Mall shall be a multi-storeyed shopping centre in an urban area having a system of enclosed walkways with collection of independent retail stores, services and parking areas constructed and maintained by a management firm/ developer as a unit.

Tariff:

S. No.	Sub category	Monthly Fixed charges (Rs. per kVA of billing demand per month)	Energy charges (Rs. per unit)	
			for consumption up to 50% load factor	for consumption in excess of 50% load factor
3.1	Industrial			
	11 KV supply			
	33 KV supply			
	132 KV supply			
	220 KV supply			
	400 KV supply			
3.2	Non-Industrial			
	11 KV supply			
	33 KV supply			
	132 KV supply			
	220 KV supply			
	400 KV supply			
3.3	Shopping Malls			
	11 KV supply			
	33 KV supply			

Specific Terms and Conditions:

Guaranteed Minimum Consumption for all the above categories shall be on following basis :

Supply Voltage	Sub- category	Guaranteed annual minimum consumption in units (KWH) per kVA of contract demand
<i>For supply at</i>	Rolling Mills	1200

400 / 220 / 132 kV	Educational institutions	720
	Others	1800
For supply at 33 / 11 kV	Educational institutions	600
	Contract demand up to 100 kVA	900
	Others	1200

Note: The method of billing of minimum consumption shall be as given in General Terms and Conditions of High Tension tariff

- (a) **Load Factor Incentive:** The consumer shall be eligible for Load Factor incentive on energy charges as per the scheme given in General Terms and Conditions of High Tension tariff.
- (a) **Time of Day Surcharge / Rebate:** This surcharge/ rebate shall be as specified in General Terms and Conditions of High Tension tariff.
- (b) **Additional specific terms and conditions for shopping mall**
- (i) Individual end user shall not be levied a rate which is exceeding non-domestic- commercial tariff (LV 2.2) in case of LT connection and HT non-industrial tariff (HV 3.2) in case of HT connection, as determined by the Commission.
- (ii) All end-users shall enter into a tripartite agreement with the Management Firm /developer of the shopping mall and the licensee for availing supply of electricity in the shopping mall in order to get the benefit of the tariff under this category.
- (a) Other terms and conditions shall be as specified under General Terms and Conditions of High Tension Tariff.

Tariff Schedule – HV - 4

SEASONAL: Applicability:

This tariff shall be applicable to such seasonal industries / consumers requiring energy for the production purposes for maximum continuous one hundred eighty days and for a minimum period of ninety days. If the declared season/off-season spreads over two tariff periods, then the tariff for the respective period shall be applicable. The licensee shall allow this tariff to any industry having seasonal use only.

Tariff:

Category of Consumers	Monthly Fixed charges (Rs. per kVA of billing demand per month)	Energy charges (Rs. per unit)	
		for consumption up to 50% load factor	for consumption in excess of 50% load factor
During Season			
11 KV supply			
33 KV supply			
During Off-Season			
11 KV supply	Rs. on 10% of contract demand or actual recorded demand during the season, whichever is higher	i.e. 120% of seasonal energy charges	Not applicable
33 KV supply	Rs. on 10% of contract demand or actual recorded demand during the season, whichever is higher	i.e. 120% of seasonal energy charges	Not applicable

Specific Terms and Conditions:

- α) **Guaranteed Annual Minimum Consumption** shall be 900 units (KWH) per kVA of contract demand. The method of billing of minimum consumption shall be as given in General Terms and Conditions of High Tension tariff.
- β) **Load Factor Incentive:** The consumer shall be eligible for Load Factor incentive on energy charges as per the scheme given in general terms and conditions of high tension tariff.
- χ) **Time of Day Surcharge / Rebate:** This surcharge/ rebate shall be as specified in General Terms and Conditions of High Tension tariff.
- δ) The consumer has to declare months of season and off season for the tariff year 2011-12 within 60 days of issue of tariff order and inform the same to the licensee.
- ε) The seasonal period once declared by the consumer cannot be changed during the tariff year 2011-12.
- φ) This tariff schedule is not applicable to composite units having seasonal and other category loads.
- γ) The consumer will be required to restrict his monthly off season consumption to 15% of highest of the average monthly consumption of the preceding three seasons. In case this limit is exceeded in any off season month, the consumer will be billed under HV-3.1 Industrial Schedule for the whole tariff year.
- η) The consumer will be required to restrict his maximum demand during off season to 30 % of the contract demand. In case the

maximum demand recorded in any month during the declared off-season exceeds this limit, the consumer will be billed under HV-3.1 Industrial Schedule for the whole year.

- 1) Other terms and conditions shall be as per the General Terms and Conditions of High Tension Tariff.

Tariff Schedule – HV - 5

IRRIGATION, PUBLIC WATER WORKS AND OTHER THAN AGRICULTURAL

Applicability:

The Tariff Category HV-5.1 shall apply to supply of power to lift irrigation schemes, group irrigation, Public Utility Water Supply schemes, sewage treatment plants /sewage pumping plants and for energy used in lighting pump house.

Note: Private water supply scheme, water supply schemes run by institutions for their own use/employees/townships etc. will not fall in this category but 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 the highest tariff shall be applicable.

The tariff category HV-5.2 shall apply to supply of power to other than agriculture pump connections i.e. the connection for hatcheries, fisheries ponds, poultry farms, cattle breeding farms, grasslands, vegetables/ fruits/ floriculture/ mushroom growing units etc. and dairy (for those dairy units where only extraction of milk and its processing such as chilling, pasteurization etc. is done). However, in units where milk is processed to produce other end products of milk, billing shall be done under HV-3.1 (industrial) category.

Tariff:

No.	Category of Consumers	Monthly Fixed charges (Rs. per kVA of billing demand per month)	Energy charges (Rs. per unit)	
			for consumption up to 50% load factor	for consumption in excess of 50% load factor
5.1	Public Water Works, Group Irrigation and Lift Irrigation Schemes			
	11 kV supply			
	33 kV supply			
	132 kV supply			
5.2	Other than agricultural use			
	11 kV supply			
	33 kV supply			
	132 kV supply			

Specific Terms and Conditions:

- (a) **Guaranteed Annual Minimum Consumption** shall be 720 units (KWH) per kVA of contract demand. The method of billing of minimum consumption shall be as given in General Terms and Conditions of High Tension tariff
- (b) **Time of Day Surcharge / Rebate:** This surcharge/ rebate shall be as specified in General Terms and Conditions of High Tension tariff.
- (c) **Incentive for adopting Demand Side Management**

An **incentive** equal to 5% energy charges shall be given on installation and use of energy saving devices (such as ISI energy efficient motors for pump sets). **Incentive** will only be admissible if full bill is paid within due dates failing which all consumed units will be charged at normal rates as the case may be. Such 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 licensee. The incentive will continue to be allowed till such time these energy saving devices remain in service. The licensee is required to arrange wide publicity for above incentive. The licensee is required to place quarterly information regarding incentives provided on its website.

- (d) Other terms and conditions shall be per the General Terms and Conditions of High Tension Tariff.

Tariff Schedule – HV - 6

BULK RESIDENTIAL USERS

Applicability:

The tariff category **HV-6.1** is applicable for supply to industrial or any other township (e.g. University or academic institutions, , hospitals, MES and Border villages etc.) for domestic purpose only such as lighting, fans, heating etc. provided that the connected load for essential common facilities such as Non-domestic supply in residential area, street lighting shall be within the limits specified hereunder :-

- (i) Water supply & Sewage pumping, Hospital - **No limit**
- (ii) Non-domestic/Commercial and other General purpose put together
-10 % of total connected load.

In case, it is observed that the restriction on non-domestic load is not followed by the consumer, then HV 3.2 of relevant voltage level shall be applicable from the date of violation of limits of load.

The tariff category **HV-6.2** is applicable for supply to Registered Cooperative Group Housing Societies as per MOP notification no. S.O.798 (E) dated 9th June 2005. The terms and conditions for this category of consumers shall be applicable as per the provisions in section 4.77 to 4.95 (both inclusive) of the Electricity Supply Code, 2004 as amended from time to time.

Tariff:

No.	Category of Consumers	Monthly Fixed charges (Rs. per kVA of billing demand per month)	Energy charges (Rs. per unit)	
			for consumption up to 50% load factor	for consumption in excess of 50% load factor
1	For Tariff Sub-Category 6.1			
	11 kV supply			
	33 kV supply			
	132 kV supply			
2	For Tariff Sub-Category 6.2			
	11 kV supply			
	33 kV supply			
	132 kV supply			

Specific Terms and Conditions:

- (a) **Guaranteed Annual Minimum Consumption** shall be 780 units (KWH) per kVA of contract demand. The method of billing of minimum consumption shall be as given in General Terms and Conditions of High Tension tariff.
- (a) All individual end-users shall enter into a tripartite agreement with the Management of the Group Housing Society and the licensee for availing supply of electricity in the Society in order to get the benefit of the tariff under this category. The individual end user shall not be levied a rate exceeding the tariff applicable to the corresponding LT category.
- (b) Other terms and conditions shall be as specified under General Terms and Conditions of High Tension Tariff.

Tariff Schedule – HV -7

BULK SUPPLY TO EXEMPTTEES

Applicability:

This Tariff shall apply to entities such as Co-operative Societies, any local authority, Panchayat Institution, users' association, Co-operative, non-government organisations or franchisees who have been granted permission under section 13 of the Electricity Act 2003 (36 of 2003).

Tariff for all voltages:

S.No	Sub-Category of consumers	Monthly Fixed Charges (Rs./kv a of billing demand per month)	Energy Charges (paise per unit)
	Bulk Supply to Exemptees under section 13 of Electricity Act 2003		
(a)	Co operative Societies having Mixed use	200	320
(b)	Mixed domestic and agriculture use in rural areas notified by State Government (maximum 10 % non domestic use permitted)	100	260
(c)	Mixed domestic and non domestic use (limited to 10 % of total) in urban areas	150	320

Terms and Conditions:

- (a) Supply shall be given at 33 KV and above only. However, the Co-operative Societies may be allowed to avail connections at 11 KV. The exemptees will have to limit their charges recoverable from individual consumers to the tariff specified for respective category.
- (b) Other terms and conditions shall be as specified under General Terms and Conditions of Tariff.

GENERAL TERMS AND CONDITIONS OF HIGH TENSION TARIFF

The following terms and conditions shall be applicable to all HT consumer categories subject to specific terms and conditions for that category as mentioned in the tariff schedule of respective category:

- 0.1 The contract demand shall be expressed in whole number only.
- 0.2 **Character of Service:** The character of service shall be as per Madhya Pradesh Electricity Supply Code, 2004 as amended from time to time.
- 0.3 **Point of Supply:**
- (a) The power will be supplied to the consumer ordinarily at a single point for the entire premises.
 - (b) In case of Railway Traction, the supply at each sub-station shall be separately metered and charged.
 - (c) In case of coal mines, the power will be supplied ordinarily at a single point for the entire premises. The power may, however, be supplied, on the request of the consumer, at more than one point subject to technical feasibility. In such cases, metering and billing will be done for each point of supply separately.
- 0.4 **Determination of Demand:** The **maximum demand** of the supply in each month shall be four times the largest number of kilovolt ampere hours delivered at the point of supply during any continuous 15 minutes during the month as per sliding window principle of measurement of demand.
- 0.5 **Billing demand:** 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. the fraction of 0.5 or above will be rounded off to next integer figure and the fraction of less than 0.5 shall be ignored.

0.6 **Tariff minimum consumption shall be billed** as follows :

- ✓ The consumer shall be billed for guaranteed annual minimum consumption (KWH) based on number of units per kVA of contract demand specified for his category, irrespective of whether any energy is consumed or not during the year.
- ✓ 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.
- ✓ During the month in which actual cumulative consumption equals or greater than the annual minimum guaranteed consumption, no further billing of monthly minimum consumption shall be done in subsequent months of the financial year.
- ✓ In the month in which cumulative actual or billed monthly consumption of the consumer exceeds the cumulative monthly prorated minimum annual guaranteed consumption and if the consumer was charged in earlier months for tariff minimum consumption on account of his actual consumption being less, then such tariff minimum difference of energy charge shall be adjusted in the month in which cumulative actual or billed monthly consumption exceeds cumulative monthly prorated minimum guaranteed annual consumption. If such tariff minimum difference does not get fully adjusted in that month, such adjustments shall be continued to be done in subsequent months of the financial year.**Rounding off:** All bills will be rounded off to the nearest rupee i.e. up to 49 paise shall be ignored and 50 paise upwards shall be rounded off to next Rupee.

Incentive/ Rebate / penalties

0.7 **Power Factor Incentive**

If the average monthly power factor of the consumer is above 95%, incentive shall be payable on the total amount of bill under the head of “energy charges” as follows:

Power Factor	Incentive payable
Above 95% and up to 98%	1.0 % (one percent) for each 1% increase in Power Factor
Above 98 %	3% plus 0.75%(point seventy five percent) for each 0.5% increase in Power Factor

e.g. (i) If the average monthly power factor is 97 %, the incentive payable shall be 2 % of energy charges.

*(ii) If the average monthly power factor is 99.5%, the incentive payable shall be 3% plus 0.75*3 =5.25%*

0.8 Load factor calculation and load factor incentive

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

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

- Monthly consumption shall be units consumed in the month excluding those received from sources other than Licensee
- No of Hours in billing month shall exclude period of scheduled outages in hours.
- Demand shall be maximum demand recorded or contract demand whichever is higher
- Power factor shall be 0.9 or actual average monthly power factor whichever is higher

Note: The load factor (%) shall be rounded off to the nearest lower integer. In case the consumer is getting power through open access, units set off from other sources, the net energy (after deducting units set off from other sources, from the consumed units) billed to consumer shall only be taken for the purpose of working out load factor. 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.

- (ii) **Load factor incentive** shall be calculated as per following scheme and shall be given to those categories of consumers where it is specified:

LF Range	Incentive	Computation of % incentive on energy charge (LF=x %)
LF <= 50%	No Incentive	= 0.00
50%<LF<=75%	Incentive of 0.1% for every 1% increase in LF above 50% on energy charges for incremental consumption above 50% load factor	= (x-50)*0.10
LF>75%	Incentive of 2.5% Plus 0.15 % for every 1% increase in LF above 75% on the energy charges for incremental consumption above 50% load factor	= 2.5+ (x-75)*0.15

Example

- Consumer having 42% load factor would not be getting any incentive on energy charges
- Consumer having 52% load factor will get incentive of:

$$[0.1 * (52-50) \%] = 0.2\%$$

on energy charges for incremental consumption above 50% load factor.

- Consumer having 82% load factor will get incentive of:

$$[2.5\%+0.15*(82-75)] = 2.5 \% + 1.05 \% = 3.55\%$$

on energy charges for incremental consumption above 50% load factor.

Note: For working out **incremental consumption**, consumption corresponding to 50 % load factor shall be deducted from total consumption. The above load factor incentive shall apply only to energy charges corresponding to such incremental consumption for which separate rates have been specified.

0.9 For **advance payment** made before commencement of consumption period for which bill is prepared, an incentive of 1 % per month on the amount which remains with the licensee at the end of calendar month (excluding security deposit) shall be credited to the account of the consumer after adjusting any amount payable to the licensee.

0.10 An incentive for prompt payment @0.25% of the bill amount (excluding electricity duty and Cess and arrears if any) shall be given in case full 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 lac. The consumers in arrears and or making payments in instalments shall not be entitled for this incentive.

0.11 **Time of Day Surcharge / Rebate:** This scheme is applicable to the categories of consumers where it is specified. This is applicable for different periods of the day i.e. normal period, peak load and off-peak load period. The surcharge / rebate on energy charges according to the period of consumption shall be as per following table:

S. No.	Peak / Off-peak Period	Surcharge / Rebate on energy charges on energy consumed during the corresponding period
1.	Evening peak load period (6PM to 10 PM)	20% of Normal rate of Energy Charge as Surcharge
2.	Off peak load period (10 PM to 6 AM next day)	Normal rate of Energy Charge.

Note: Fixed charges shall always be billed at normal rates i.e. ToD Surcharge / Rebate shall not be applied on Fixed Charges

0.12 **Power Factor Penalty (For consumers other than Railway Traction HV-1)**

- (i) If the average monthly power factor of the consumer falls below 90 percent, the consumer shall be levied a penalty @ 1% (one percent), for each one percent fall in his average monthly power factor below 90 percent, on total amount of bill under the head of “Energy Charges”.
- (ii) If the average monthly power factor of the consumer falls below 85 percent, the consumer shall be levied a penalty of 5% (five percent) plus @ 2% (two percent) for each one percent fall in his average monthly power factor below 85 percent, on the total amount of bill under the head of “Energy Charges”. This penalty shall be subject

to the condition that overall penalty on account of low power factor does not exceed 35%.

- (iii) Should the average monthly power factor fall below 70%, the Licensee reserves the right to disconnect the consumer's installation till steps are taken to improve the same to the satisfaction of the Licensee. This is, however, without prejudice to the levy of penalty charges for low power factor in the event of supply not being disconnected.
- (iv) For the purpose of working out power factor incentive, the "average monthly power factor" is defined as the ratio expressed in percentage of total Kilo Watt hours to the total kilo volt Ampere hours recorded during the billing month. This ratio in percentage (%) shall be calculated up to two decimal places and shall be rounded off as under:-

(a) For Power factor up to and including 98%

Power factor shall be rounded-off to the nearest integer figure and the fraction of 0.5 or above will be rounded to next higher integer and the fraction of less than 0.5 shall be ignored.

(b) For power factor above 98%

Power factor shall be rounded-off as detailed below:-

- (i) Fraction up to 0.24 shall be rounded off to the lower integer figure.

e.g.:- The power factor from 98.01% to 98.24% shall be rounded-off to 98%.

(ii) Fraction from 0.25 and up to 0.74 shall be rounded off to 0.5.

e.g.:- The power factor from 98.25% to 98.49% shall be rounded-off to 98.5% and the power factor from 98.51% to 98.74%.shall also be rounded-off to 98.5%.

(iii) Fraction from 0.75 and up to 0.99 shall be rounded off to the next higher integer figure.

e.g.:- The power factor from 98.75% to 98.99% shall be rounded-off to 99%.

(i) Notwithstanding what has been stated above, if the average monthly power factor of a new consumer is found to be less than 90% in any month during the first 6 (six) months from the date of connection, the consumer shall be entitled to a maximum period of six months to improve it to not less than 90% subject to following conditions:

(a) This period of six months shall be reckoned from the month following the month in which the average power factor was found for the first time to be less than 90%.

(b) In all cases, the consumer will be billed the penal charges for low power factor, but in case the consumer maintains the average monthly power factor in subsequent three months (thus in all four months) to not less than 90%, the charges on account of low power factor billed during the said six months period, shall be withdrawn and credited in next monthly bills.

(c) The facility, as mentioned herein, shall be available not more than once to new consumer whose average monthly power

factor is less than 90% in any month during 6 months from the date of connection. Thereafter, the charges on account of low average power factor, if found less than 90%, shall be payable as applicable to any other consumer.

0.13 **Additional Charges for Excess Demand**

- (i) The consumer shall at all times restrict their actual maximum demand within the contract demand. In case the actual maximum demand in any month exceeds the contract demand, the tariffs given in various schedules shall apply to the extent of the contract demand only. The consumer shall be charged for excess demand on energy charges and fixed charges and while doing so, the other terms and conditions of tariff, such as minimum charge, PF Penalty, TOD Penalty shall be applicable but no incentive shall be allowed. The tariff minimum charge on account of excess demand recorded in a particular month shall not be adjusted in subsequent months. The excess demand so computed, if any, in any month shall be charged at the following rates from all consumers.
- (ii) **Energy charges for excess demand:** The consumer shall pay charges @ 2 times the tariff for energy charges for consumption corresponding to excess demand in case the maximum demand recorded exceeds the contract demand.

Example: If a consumer having a contract demand of 200 kVA records a maximum demand of 250 kVA, the billing of energy charges for excess demand of (250 kVA- 200 kVA)= 50 kVA shall be = (total consumption recorded during the month* 50 kVA/maximum recorded demand)*2* energy charge unit rate.

(i) **Fixed charges for excess demand:** These charges shall be billed as per following:

1. **Fixed charges for excess demand** up to 15 % over and above the contract demand shall be charged at 2 times the normal fixed charges
2. **Fixed charges for excess demand** over and above 15 % of the contract demand shall be charged at 2.5 times the normal fixed charges

Example for fixed charges billing for excess demand: If the contract demand of a consumer is 100 kVA and the maximum demand recorded in the billing month is 140 kVA, the consumer shall be billed towards fixed charges as under:--

- a) Up to 100 kVA at normal tariff.
 - b) Above 100 kVA up to 115 kVA i.e. for 15 kVA at 2 times the normal tariff.
 - c) Above 115 kVA up to 140 kVA i.e. for 25 kVA at 2.5 times the normal tariff.
- (i) The excess demand computed in any month will be charged along with the monthly bill and shall be payable by the consumer.
- (ii) The billing of excess demand at higher tariff is without prejudice to the Licensee's right to discontinue the supply in accordance with the provisions contained in the Electricity Supply Code, 2004.

- 0.14 **Delayed Payment Surcharge:** Surcharge at the rate of 1.25 % per month or part thereof on the amount outstanding (including arrears) will be payable if the bills are not paid up to due date. 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 applicable after supply to the consumer is permanently disconnected.
- 0.15 **Service Charge for Dishonoured Cheques:** In case the cheque(s) presented by the consumer are dishonoured, a service charge at the rate of Rs. 1000/- per cheque shall be levied in addition to delayed payment surcharge as per rules. This is without prejudice to the Licensee's rights to take action in accordance with any other applicable law.
- 0.16 **Temporary supply at HT:** If any consumer requires supply for a temporary period, the temporary supply shall be treated as a separate service and charged subject to the following conditions:
- (a) Temporary supply cannot be demanded by a prospective/ existing consumer as a matter of right but will normally be arranged by the 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 conditions mentioned hereafter. 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) 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.
- (c) Fixed Charges and Energy Charges shall be charged at 1.5 times the normal tariff. The fixed charge shall be recovered for the full billing month or part thereof.
- (d) The consumer shall guarantee minimum consumption (KWH) as applicable to the permanent consumers on pro-rata basis based on number of days as detailed below:

$$\text{Minimum consumption for additional supply for temporary period} = \frac{\text{Annual minimum consumption as applicable to permanent supply} \times \text{No. of days of temporary connection}}{\text{No. of days in a year}}$$

- (e) The billing demand shall be the demand requisitioned by the consumer or the highest monthly maximum demand during the period of supply commencing from the month of connection ending with the billing month, whichever is higher. For example:

Month	Recorded Maximum Demand (kVA)	Billing Demand (kVA)
April	100	100
May	90	100
June	80	100
July	110	110
August	100	110
September	80	110

October	90	110
November	92	110
December	95	110
January	120	120
February	90	120
March	80	120

- (f) The consumer shall pay the estimated charges 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 on such advance payment.

The consumer shall pay metering charges for the metering system.

Connection and Disconnection Charges shall also be paid.

- (i) In case of existing HT consumer, the temporary supply may be given through existing permanent HT connection on following methodology of assessment :
- (i) Deemed contract demand for the month to be billed for the fixed charge = C.D.(existing) on normal tariff for permanent connection + C.D. for temporary connection on normal tariff for temporary supply.
 - (ii) Billing demand for the month shall be as under:-
 - a) In case, recorded MD is found to exceed deemed CD in any month, the billing demand for that month shall be 100% of normal CD and demand recorded over and above normal CD.

- b) In case, recorded MD is found to exceed normal CD but less than or equal to deemed CD in any month, the billing demand for that month shall be 100% of temporary demand and balance demand against normal CD shall be billed as per the provisions of tariff order for permanent supply.
- c) In case, recorded MD is found to be less than normal CD in any month, the billing demand for that month shall be 100% of temporary demand and 90% of normal CD.

(iii) Consumption during the month shall be billed as under:-

Say the normal CD is A, temporary Demand is B and excess demand over and above (A+B) is C then

- a. Consumption for excess demand over and above deemed CD would be (x)

$$x = \frac{C}{(A+B+C)} \times \text{Total consumption}$$

- b. Consumption for temporary demand over and above permanent CD would be (y)

$$y = \frac{B}{(A+B+C)} \times \text{Total consumption}$$

- c. Consumption for permanent CD would be (z)

$$z = \text{Total consumption} - (x+y)$$

- (i) The consumption worked out above for temporary connection shall be billed at 1.5 times the normal energy charges.
- (ii) The demand in excess of deemed contract demand as calculated above at (g) (i) shall be treated as Excess Demand. For billing purposes such Excess demand, if any, in any month shall be treated as pertaining to temporary connection load and shall be charged at 2 times the normal fixed charges & energy charges of temporary connection. Additional charges for excess demand recorded during the period of temporary connection shall be calculated as given below :

Fixed charges for excess demand = fixed charges per kVA for temporary connection * excess demand * 2 (two)

Energy charges for excess demand = energy charges per unit for temporary connection * 2 (two) * (excess demand/deemed contract demand) * total consumption

- (j) Load factor incentive shall not be allowed on the consumption for temporary connection.
- (k) Power factor incentives/penalties and the condition for Time of Day Surcharge/ rebate shall be applicable at the same rate as for permanent connection.

Other Terms and Conditions for permanent connections:

0.17 The foregoing tariffs for different supply voltages are applicable for loads with contract demand as below:

Standard Supply Voltage	Minimum Contract Demand	Maximum Contract Demand
11 kV	50 kVA	300 kVA
33 kV	100 kVA	10000 kVA
132 kV	5000 kVA	50000 kVA
220 kV	40000 kVA	--
400 kV		

0.18 The deviation, if any, in respect of above minimum/maximum contract demand on account of technical reasons may be permitted after obtaining specific approval of the Commission by the consumer. For temporary supply, however, distribution licensee can use its discretion for supply at other voltages depending upon the requirement and technical feasibility.

0.19 The existing 11KV consumer with contract demand exceeding 300 kVA who want to continue to avail supply at 11kV at his request, shall be required to pay additional charge at 7.5% on the total amount of Fixed Charges and, Energy Charges billed in the month.

0.20 The existing 33KV consumer with contract demand exceeding 10000 kVA who want to continue to avail supply at 33kV at his request, shall be required to pay additional charge at 5% on the total amount of Fixed Charges and Energy Charges billed in the month.

- 0.21 The existing 132KV consumer with contract demand exceeding 50000 kVA who want to continue to avail supply at 132kV at his request, shall be required to pay additional charge at 3% on the total amount of Fixed Charges and Energy Charges billed in the month.
- 0.22 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.
- 0.23 The tariff does not include any tax 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 be payable by the consumer in addition to the tariff charges.
- 0.24 In case any dispute arises regarding interpretation of this tariff order and/or applicability of this tariff, the decision of the Commission will be final and binding.
- 0.25 In case a consumer, at his request, avails supply at a voltage higher than the standard supply voltage as specified under relevant category, he shall be billed at the rates applicable for actually availed supply voltage and no extra charges shall be levied on account of higher voltage.
- 0.26 All consumers to whom fixed charges are applicable are required to pay fixed charges in each month irrespective of whether any energy is consumed or not.

0.27 All conditions prescribed herein shall be applicable notwithstanding if any contrary provisions, exist in the agreement entered into by the consumer with the licensee.