



**TARIFF ORDER
2005 – 2006**

**ON
PETITION NO. 03/2005**

**MPPGCL No. 64/2005
MPPTCL No. 65/2005
MPPKVVCL No. 71 /2005**

29th June 2005

**MADHYA PRADESH ELECTRICITY REGULATORY COMMISSION
(MPERC)**

“URJA BHAWAN”, SHIVAJI NAGAR, BHOPAL- 462 016

**MADHYA PRADESH ELECTRICITY REGULATORY COMMISSION,
BHOPAL**

(Order Passed on 29th June, 2005)

**SHRI P.K. MEHROTRA
CHAIRMAN**

**SHRI D. ROYBARDHAN
MEMBER (ENGG.)**

**SHRI R. NATARAJAN
MEMBER (ECON.)**

Petition No. 03/2005 filed on Behalf of MPSEB

IN THE MATTER OF:

**Determination of Annual Revenue Requirement (ARR) and Tariff for
Generation, Transmission and Distribution and Retail Tariff for FY 2005-06
based on the Tariff Application made by Madhya Pradesh State Electricity
Board.**

Subsequent Petitions of :

- (i) MPPGCL No. 64/2005**
- (ii) MPPTCL No. 65/2005**
- (iii) MP Poorv Kshetra VVCL No. 71 /2005**

**The list of objectors from HT/LT category consumers is separately
annexed at Ann. II.**

MADHYA PRADESH ELECTRICITY REGULATORY COMMISSION

"Urja Bhawan", Shivaji Nagar, Bhopal - 462 016



Petition No. 03/2005

Subsequent Petitions of:

- (i) MPPGCL No. 64/2005**
- (ii) MPPTCL No. 65/2005**
- (iii) MPPKVCL No. 71 /2005**

PRESENT:

P. K. Mehrotra, Chairman

D. Roybardhan, Member

R. Natarajan, Member

IN THE MATTER OF:

Determination of Annual Revenue Requirement (ARR) and Tariff for Generation, Transmission and Distribution and Retail Tariff for FY 2005-06 based on the Tariff Application made by Madhya Pradesh State Electricity Board.

ORDER

(Passed on this 29th Day of June 2005)

1. The Madhya Pradesh Electricity Regulatory Commission (hereinafter called "the Commission") having heard the applicant, interveners, consumers, consumer

representatives of various consumer groups on 28th, 30th-31st May, 2005 and 1st June, 2005 at Bhopal, having had the formal interactions with the Officers of the Madhya Pradesh State Electricity Board, Generating Company, Transmission Company and Distribution Companies during the months of April and May 2005 and having met with the members of the State Advisory Committee in June 2005 and having considered the documents i.e. the order issued by Government of M.P.(Energy Department) on 31st May 2005 making the Transfer Scheme Rules effective from 1st June 2005, (order no. 3679/FRS/18/13/2002 dated 31.5.2005) has passed the following order:

Introduction

2. The third tariff order of the MPERC was passed on 10th December 2004 and while passing this order, the Commission had directed the Madhya Pradesh Electricity Board (MPSEB) to bring tariff petition for FY 06 before 15th January 2005 for its consideration. However, there was considerable delay in filing the petition by the Board and finally this petition was accepted for consideration on 21st March 2005.

3. This order relates to the petition filed by the MPSEB for determination of Tariff for FY 06 and registered at number 3 of 2005. MPSEB was responsible for generation, transmission and distribution of electricity in the State of Madhya Pradesh till the coming into force on 1st June 2005 of the Madhya Pradesh Reforms First Transfer Scheme Rules, 2003 (Transfer Scheme) notified by the State Government on 30th September 2003. Thus the integrated Board had presented the petition and the Commission admitted the same on 21st March 2005 but consequent to the coming into force of the Transfer Scheme, the MP Power Generation Company Ltd., MP Power Transmission Company Ltd. and MP Poorv Kshetra Vidyut Vitran Company Ltd. incorporated in the year 2002 joined the process as co-petitioners. This order is in respect of determination of tariff for Generation and Transmission activities being carried out by the MP Power Generation Co. Ltd. (Genco), MP Power Transmission Co. Ltd. (Transco) and the retail tariff for three Distribution Companies.

Status of Licensees

4. The Government of Madhya Pradesh (GoMP) vide notification dated 30th September 2003 (and as amended from time to time) prescribed the rules for regulating the transfer and vesting of functions, properties and interest, rights and liabilities of the MPSEB in the State Government and retransfer and re-vesting thereof by the State Government in any other company or body corporate or authority. The notification also provided for transfer of the personnel of MPSEB to any other company or body corporate or authority and for determining the terms and conditions on which such transfers and vesting would be done. Five companies, which were incorporated in July 2002 to look after the generation, transmission and distribution activities of the MPSEB have been in existence for more than two years as agents of MPSEB. Vide order dated 31st May 2005, GoMP notified the opening balance sheet of these five companies as on that date. The order also stipulated that the operation and management agreement existing between the MPSEB and the five companies on the effective date shall stand terminated and the companies would start independent operations. The order also stated that the MPSEB shall continue to undertake the electricity bulk purchase and bulk supply functions as provided in Schedule F to the Transfer Scheme Rules, 2003. GoMP also notified on 6th June 2005 that the MPSEB would continue to function as a trading licensee for a further period of six months i.e. till 9th December 2005.
5. Thus in addition to Genco, there will be five licensees, viz. a transmission licensee (Transco), three distribution licensees and a trading licensee with effect from 1st June 2005.
6. The Order of GoMP dated 31st May 2005 stipulated that the retail supply tariff for the three Vidyut Vitaran Companies shall continue to be the same as determined by the MPERC and applicable to the MPSEB as on the date of that order till the tariffs are varied, amended, altered, substituted or changed by the MPERC.

Procedural History

7. MPSEB filed this petition under Clause 31 of the MPERC (Conduct of Business) Regulations, 2004 read with MPERC (details to be furnished and fee payable by licensee and generating company for determination of tariff and manner of making application) Regulations, 2004.
8. As directed by the Commission in the last tariff order, the Board submitted an incomplete petition on 15th January 2005 without suggesting ways and means of meeting the revenue gap projected in the petition. Subsequently, MPSEB sought time extension for filing a proper tariff petition for FY 06 till 28th February 2005 on the ground that full information as required by the Regulations was not available. The Commission granted the time extension. The MPSEB again made a request to extend time limit up to 9th March 2005 during the hearing held on 28th February 2005 on similar grounds. The Commission granted the time extension once again. MPSEB did not file the required information by 9th March 2005 and again sought extension of time up to 21st March 2005 and the Commission granted the time extension sought for.
9. MPSEB finally submitted the petition on 21st March 2005 for FY 06. The brief gist of the tariff petition is given (Table 1) below:

Table 1: Snapshot of tariff petition for FY 06

Particulars	FY 06
	(Rs. Crores)
Revenue Income	6506.60
Subsidy/ grants	
Total Revenue	6506.60
Total Revenue Requirement	7485.81
Revenue Deficit	979.21

10. MPSEB proposed that the revenue gap of Rs. 970.21 Crores be met out of a tariff increase of Rs. 367.31 Crores proposed by them while the balance revenue gap of Rs. 611.90 Crores be considered as regulatory asset which could be amortized over a maximum period of five years starting from FY 07.

11. The Commission vide its order dated 24th March 2005 directed the MPSEB to publish the gist both in Hindi and English in the newspapers before 31st March 2005 inviting suggestions/comments/objections from the public. MPSEB as directed by the Commission published the gist both in Hindi and English on 30th March 2005 in the following newspapers:

- Hindustan Times, Bhopal -- English Edition
- Navbharat, Jabalpur & Gwalior -- Hindi Edition
- Dainik Bhaskar, Bhopal & Jabalpur -- Hindi Edition
- Nai Duniya, Indore -- Hindi Edition
- Dainik Jagran, Rewa -- Hindi Edition
- Swadesh, Bhopal -- Hindi Edition

12. The last date for submission of comments/objections on tariff petition for FY 06 was 25th April 2005, which was later on extended to 1st May 2005 at the request of consumer's representatives. In response to the publication, the Commission received 104 objections/comments/suggestions from various stakeholders. MPSEB was directed to examine the objections/comments/suggestions received and send replied to the persons concerned well before the date of hearing. These comments have been duly considered in this order.

13. The Commission held a technical validation session in the last week of April 2005 and first week of May 2005 on the tariff petition filed by the MPSEB. The Board was

directed to furnish detailed reply on the following points along with necessary evidence within prescribed time limit:

- a. Company wise plan for reduction in Technical losses.
- b. Details of recovery of revenue for addition consumption beyond 25 units from SLP consumers, if any.
- c. Rationale for existence of Border village consumer category.
- d. To confirm that the CGS rates as per latest tariff order of the CERC applicable from 1st April 2004 had been applied and if not, why? The cost implication if the new tariff rates is applied in case they have not been applied.
- e. Whether the MPSEB had taken the necessary approvals for assets added in FY05 as required under the conditions of licence and relevant regulations.
- f. Why the REC write-offs and SLR write-offs been shown as equity?
- g. Details obtained from the DTR meter reading and the sample meter reading of un-metered consumers.

However, MPSEB did not respond to these observations.

14. The Commission has taken an adverse view on non-compliance of its directions by the licensee and the Companies. This behaviour on the part of the licensee and the companies is indicative of general apathy towards observance of regulatory directions.

15. The Commission in its previous order had given following directives:

- Performance reporting by generating units every six months
- Maintenance of fixed asset registers
- Reduction in T&D losses
- Database Management and Management Information System
- Creation of Station wise efficiency cells
- Biannual Submission of VCA Petitions
- Uniform method of measuring coal losses at all thermal stations
- Approval of power purchases by the Commission
- Non-inclusion of cost of hydel stations that are being maintained by State Government in the books of accounts by MPSEB.

- Status of Border villages being supplied by MPSEB
- Status of generating stations in partnership with neighboring states.
- Installation of gates at Bansagar Hydel project
- Manpower planning
- Consumer care
- Modification of R-15 formats
- Other efficiency improvement directives

The Commission shall discuss in detail the status of compliance of its above directives when it takes up the petition to be filed by the Companies as per the directions of the Government order no. 3679/FRS/18/13/2002 dated 31.5.2005.

Public Hearing

16. The Commission conducted public hearings on the tariff petition on 28th, 30th and 31st May and 1st June 2005. The objectors were informed about the hearing through notice. The hearings were conducted in the Conference hall of the Commission at Urja Bhawan, Bhopal. The comments/objections/suggestions received during the hearing are as follows:

- Fixed charge concept is not understood and the charge is excessive.
- Load shedding is excessive in some areas and users affected by it must be given relief
- Delayed payment charge of Rs. 10 may be reduced.
- Power loom operators and flourmills need to be continued with earlier concessions.
- Agriculture category users may be considered for a still lower tariff.
- Industrial consumers operating at low load factors are finding the fixed charge excessive
- The industrial consumers to be given the option to choose tariff rates.
- The tariff categories to be based on load factors for HT consumers.

After hearing the licensee's representative on the above issues raised by the consumer associations or individual consumers/objectors the Commission has decided to make

some modifications in the existing tariff rates and its structure. These modifications are being described in the following paragraphs.

17. Domestic users' fixed cost charge is being significantly reduced by making four slabs on the basis of usage pattern: first group is of users up to 30 units per month; second group is of users with up to 100 units consumption per month; third group consists of users with more than 100 and up to 300 units consumption in a month; and lastly, those consuming above 300 units in a month.
18. Fixed cost charge is recovered to provide some stability of revenue to the licensee and is payable by every consumer who is connected to the system. At the lowest slab, it is being kept at Rs. 30 per month and in lieu thereof the user will get 15 units of energy without paying energy charge. The second sub-category users will pay a fixed cost charge of Rs. 85 per month and will get 30 units without energy charge. Similarly, users in the third slab will be required to pay Rs. 205 per month and will get 60 units without payment of energy charge. The last sub-group of users consuming above 300 units per month will be required to pay Rs. 475 per month and will get 120 units without payment of energy charge. The rates for energy cost charge have also been adjusted so that life line users (using up to 30 units in a month) pay 225 paise per unit for consumption over the free limit of 15 units per month; second sub-category users pay 300 paise and third and fourth sub-category pay 340 paise for each unit consumed over and above the free units. In this manner, the users of domestic category will get considerable relief and the licensee also will be assured of certain minimum revenue per consumer connected to the system.
19. Similarly for non-domestic consumers also, four sub-categories have been created on the basis of their consumption behaviour during preceding financial year. The first sub-group is of users consuming up to 50 units per month; second group is of users consuming more than 50 units but up to 500 units per month; third group consists of users with more than 500 and up to 1000 units consumption in a month; and lastly, those consuming above 1000 units in a month. The first sub-group shall pay Rs. 105 per

month, the second sub-group shall pay Rs. 300 per month, the third sub-group shall pay Rs. 2325 per month and the fourth sub-group shall pay Rs. 4600 per month as fixed charge. In lieu of fixed charge payment these consumers will get a certain number of units without paying energy charge. For non-domestic users a uniform energy charge of 545 paise per unit has been kept for all units consumed beyond the free limit. This is a reduction from the effective rate of 580 paise payable at present.

20. Another issue addressed in this order is concerning users not having meters either owing to their own unwillingness or the lethargy of the licensee. This situation contributes to excessive consumption, which gets hidden as high T and D losses. Electricity Act 2003 has prohibited supply of electricity without meter after 9th June 2005. The Commission has allowed some extra time to the licensee to provide proper meters to all consumers and meanwhile the consumption made by such un-metered consumers will be assessed on an ad-hoc basis as 65 units per month in rural areas and 100 units per month in urban areas. The licensee has also been directed to provide distribution transformer level meters in the meantime and to report to this Commission the consumption levels of unmetered consumer groups in rural and urban areas to enable the Commission to alter or modify the basis of assumed consumption. It is expected that consumers will co-operate with the licensee staff in fixing meters in consumers' premises or at a place convenient to both the licensee and the consumer.
21. Agriculture category consumers also includes a very large number of consumers without proper meters and a similar approach of assumed consumption has been adopted in this tariff order. In order to provide relief to the small and marginal consumer using electricity for irrigation purpose, per unit rate has been lowered from the existing 220 paise to 175 paise for the first 300 units of consumption each month. The existing concessions for use of improved and energy efficient equipment and pipes etc. will continue to be available.

22. Industrial consumers connected to LT system have been given some relief in fixed charges so as to save them from paying excessive rate per unit at low load factor. Similar relief has also been provided to HT system users and to seasonal users.
23. In line with the rules notified by the Ministry of Power (GOI) provision has been made for a tariff category applicable to residential group co-operatives and to employers taking supply at one single point for their members/employees. This supply shall be made available by the licensee at 11 kV.
24. Some areas, particularly rural areas have been subjected to prolonged interruptions owing to load shedding practices adopted by the licensee without reference to the Commission and this has resulted in the consumers being burdened with heavy fixed charges without getting any reasonable chance to use energy up to the minimum level to recover at least the fixed charges payable by them. Commission has, therefore, linked the fixed charges to the hours of supply and has allowed rebate to consumers affected by load shedding.
25. Delayed payment charges have been already reduced for users of small quantities and these modified rates will be continued. Licensee is advised to adopt a system for giving a receipt to the consumer for delayed payment charge at the time of tendering payment or to have the due delayed payment charge shown in the bill for subsequent month in order that all such payments are accounted for.
26. The Commission has created a provision for HT consumers to opt for a tariff rate suitable to them on the basis of their load factors. Consequently some tariff rates prevalent earlier for specific industrial categories have been merged. Railway traction, Coal Mines and Seasonal consumer categories have been retained and a new category of Other Agricultural related use has been created under HT.

Consultation with State Advisory Committee

27. The Commission convened a meeting of the State Advisory Committee on 4th June 2005 for the purpose of discussing the tariff petition and suggestions/comments received during the public hearing. A presentation on the main features of the tariff petition covering major items of expenditure and revenue was made before the members of the Committee. The members of the Committee gave various valuable suggestions for finalizing the tariff order.
28. Thus the Commission had completed the whole process connected with the determination of tariff for the FY 06 and was ready for issuing the Tariff Order for the FY 06 well before the stipulated 120 days in the Electricity Act, 2003.

Present Status

29. GoMP, Energy Department vide their letter No. 3736/13/2005 dated 2nd June 2005 addressed to the Dy Secretary of the Commission informed about the action taken pursuant to the MP Electricity Reforms First Transfer Scheme Rule, 2003 notified on 30.9.2003 which has been elaborated in paragraph 4 above. GoMP, in this letter, informed that the successor companies to the MPSEB and the Board have been directed to execute the inter-se agreements and file the same with the Commission for approval within 30 days of the order. GoMP further informed that it has been specifically provided that the terms shall be subject to such modifications as the Commission may decide after hearing the respective parties. The inter-se agreements provide the adhoc interim tariff applicable between two companies till the Commission determines the applicable tariff.
30. As directed by the GoMP, the five companies and the MPSEB have filed the inter-se agreements entered into by them with the Commission between the 19th and 21st June 2005.

31. The Commission noticed in the Power Purchase Agreement entered into between the Genco and the MPSEB and filed with the Commission that from and after the effective date viz. 1st June 2005, the entire generating capacity of the Genco shall be for exclusive supply of electricity to MPSEB and its successors and assigns as per the availability at the generating stations/generating units declared by the Genco and schedule given by or on behalf of MPSEB. It has been stipulated in the agreement that till the determination of tariff and terms and conditions by the Commission, Genco will be paid amounts on adhoc basis at the rate of Rs. 1.51 per unit (KWH) on average basis (thermal and hydel generation combined).
32. In the Transmission Service Agreement entered into between the Transco, Genco, MP Madhya VVCL, MP Poorv VVCL, MP Paschim VVCL and MPSEB the transmission system of the Transco will be utilized by the other parties and till such time the Commission determines the transmission tariff payable, an adhoc rate of paise 17.82 per unit (KWH) of energy transmitted will be levied by the Transco on the three distribution companies. It has been agreed by the parties that subject to any orders of the Commission, the transmission charges shall be based mainly on transmission capacity utilization and shall be affected by under utilization due to load regulatory measures or on account of similar other constraints.
33. In the Bulk Supply Agreement entered into by the MPSEB and the three distribution companies, the former agreed to supply electricity in bulk to the latter from the effective date viz. 1st June 2005. The initial Bulk Supply Tariff payable by the Discoms to MPSEB subject to the orders that may be passed by the Commission shall be as under:

a. East Discom	--	Rs. 1.5871 per Kwh
b. Central Discom	--	Rs. 1.4104 per kwh
c. West Discom	--	Rs. 1.5475 per kwh

34. The parties to the agreement acknowledged and accepted that the Bulk Supply Tariff shall be subject to appropriate adjustment as per the orders of the Commission.
35. The Commission held a hearing on the 21st June 2005 to understand the provisions of the agreements and directed the parties to file proper petitions to enable the Commission to come to a decision.

Views of the Commission on the Tariff Petition

36. The tariff petition had been filed by the MPSEB as an integrated utility and the tariff proposals of the integrated utility had been published and commented upon by the various stakeholders. Subsequent to the public hearings, the GoMP ordered the reorganization of the Board and the different companies have also entered into inter-se agreements amongst them. The Commission had to determine the generation tariff of the various generating stations in the State as stipulated by the GoMP. Also the transmission tariff along with the surcharge and additional surcharge payable by the open access customers are to be determined by the Commission. The three distribution companies have to submit their separate petition for determination of retail tariff. All these utilities have to file their tariff petitions along with the details to be furnished as per the Regulations in this regard.
37. GoMP had authorized the MPSEB to act as a trading licensee for a further period of six months from 10th June 2005 and MPSEB have to follow the terms and conditions stipulated by the Commission in the relevant Regulations.
38. The Commission had examined the integrated tariff petition activity-wise so that the cost of operation could be ascertained separately for generation, transmission and distribution. However with the provisional opening balance sheet of the various companies having been provided by the GoMP, these companies have to file their tariff petition on the basis of the provisional balance sheet. The order of the GoMP stipulates that these balance sheets shall be provisional for a period of twelve months and during

the provisional period, the GoMP may change the values stated in the opening balance sheets including but not limited to value assigned to the Fixed Assets, Capital Expenditure in progress, Regulatory Assets towards Pension Liabilities, Project Specific Liabilities, Loan from MPSEB etc. As such the Commission considers that no useful purpose will be served at this stage by devoting much time over detailed analysis of the tariff proposal filed by the erstwhile MPSEB as a composite entity particularly in view of the fact that the successor entities are yet to file their tariff petitions.

39. The interse agreements provides for the provisional rate of Rs. 1.51 per Kwh for supply of electricity from the Genco to MPSEB, paise 17.82 per Kwh for transmission and the bulk supply tariff of Rs. 1.5871 per Kwh, Rs. 1.4104 per Kwh and Rs. 1.5475 per Kwh to the East, Central and West Discom respectively. Till such time the companies file their tariff petition for the FY 06 the companies may bill at the provisional rates.
40. As the Bulk Supply Tariff has been fixed on a differential basis to the three Discoms, it would take care of the consumer mix and prevailing loss levels in the operating areas of these companies. Hence the retail supply tariff will uniformly be applied to the entire State for the FY 06.
41. During the public hearings on the tariff petition, consumers have brought many issues to the attention of the Commission, which the Commission considers necessary to be taken care of while finalising the Tariff Order for FY 06. Pending the filing of the tariff petition by the companies, the Commission decides to continue with the existing tariff structure for different categories of consumers. However based on the feedback received during the public hearings, alterations have been carried out in some categories and the modified tariff for financial year 2005-06 is attached to this Order as Annex 1. These are subject to such changes, alterations/modifications as may become necessary and as may be decided by this Commission on the basis of proposals to be filed by the licensees and Generating Company in accordance with directions given in para 43 of this order.

42. The revenue implications of the modifications have not been worked out and the distribution licensees are directed to work out the same at the earliest and submit to the Commission.
43. The licensees and the generating company are directed to file their separate tariff petitions before 31st July and if they are not in a position to file the tariff petitions for FY 06 by the above date on account of the opening balance sheets not becoming final, the Commission would consider treating the difference between the revenue and expenditure (which will be subject to prudence check) as regulatory asset. The regulatory asset will be adjusted during the tariff period when the Commission introduces multi year tariff for the generating company and the licensees from the FY07.
44. The generating company and the licensees are directed to submit their tariff petitions under the MPERC (Details to be furnished and fee payable by licensee or generating company for determination of tariff and manner of making application) Regulations, 2004 for FY 07 by the stipulated date of 15th November 2005.
45. The Commission, in exercise of the powers vested in it under Section 64 of the Electricity Act, 2003, directs the petitioner to take immediate steps to implement the Order after giving seven (7) days public notice in accordance with clause 1.30 of MPERC (Details to be furnished and fee payable by licensee or generating company for determination of tariff and manner of making application) Regulations, 2004 so as to make the revised tariff applicable not later than 15th July, 2005.
46. This Order shall remain in force till 31st March 2006. As the Commission has to consider the interests of all the stakeholders and ensure that the benefit of higher performance efficiency and reduced Transmission losses are passed on to the consumers, the Commission expects the Generation Company, Transmission Company and Distribution Companies to ensure that the Application for determination of Tariff for FY 07 is submitted by 15th November 2005.

47. The licensee shall implement the tariffs as determined by the Commission in this order by 15th July 2005. For the interim period of 1st July 2005 to 15th July 2005 tariffs as determined by the Commission in its order dated 10th December 2004 shall continue.
48. The Commission through this order also disposes off the petition no. 64/2005 filed by MPPGCL, petition no. 65/2005 filed by MPPTCL and petition no. 71/2005 filed by MPPKVVCL.

Ordered accordingly,

(R. Natarajan)
Member (Econ.)

(D. Roybardhan)
Member (Engg.)

(P.K.Mehrotra)
Chairman

Dated: 29th June 2005

Place: Bhopal

ANNEXURE TO TARIFF ORDER PASSED BY MPERC FOR
Financial Year 2005-06
MADHYA PRADESH ELECTRICITY REGULATORY
COMMISSION
TARIFF SCHEDULES FOR LOW TENSION CONSUMERS

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TARIFF SCHEDULES

Schedules for Low Tension Consumers

Rate Schedule-- LV-1

DOMESTIC :

1 Applicability:

This tariff is applicable only for residential use for light, fan, power other domestic purposes and domestic appliances. Dharamshalas, Hostels for students or working women , Ashrams, Mosques, Temples, Churches, Religious and Spiritual Institutions will also be covered under this category. Supply of electricity at a single point to a Cooperative Group Housing Society for residential purposes will also be covered under this. Supply to a person at a single point for making electricity available to his employees residing in the same premises will also be covered under this.

Note: Domestic consumers using more than 10% of contract demand for any professional activity shall be charged at appropriate non-domestic tariff for the entire consumption.

2 Duration of Supply :

Licensee shall normally ensure supply for 24 hours a day and in the event of planned load shedding the consumer shall receive a rebate in Fixed Cost Charges as decided by Commission .

3 Tariff:

The sub- category of tariff and free units shall be based on previous financial year's average monthly consumption. as per following table:

S.No.	Sub category of consumer on the basis of Average Monthly consumption during prev financial year	Fixed Cost Charges per Month (Rs./Connection)	Energy Cost Charges for all units (paise/unit) above free allowance for current year	Free Units allowed (linked to F.C.C.)
1	0 to 30 units (Life line consumption)	30	225	15
2	31 to 100 units	85	300	30
3	101 to 300 units	205	340	60
4	above 300 Units	475	340	120
5	Temporary connection	500	510	--
6	Unmetered Consumer (Urban)	Assumed to consume 100 Units/month at the rate at S.No. 2 above		
7	Unmetered Consumer (Rural)	Assumed to consume 65 Units/month at the rate at S.No. 2 above		
8	Supply to Residential Colony/Complex at Single Point (at 11kv)	Rs 120/month /kVA on Billing Demand	270 p/unit	

Note : Any consumer whose premises is located in area subjected to planned load shedding, will be entitled to rebate in Fixed Cost Charges as under :

S.No.	Duration of avg daily load shedding /month	Rebate in Fixed Cost Charges
1	Up to 2 hours	2 %
2	Exceeding 2 hour and up to 3 hours	5 %
3	Exceeding 3 hours and up to 6 hours	7.5 %
4	Exceeding 6 hours and up to 12 hours	10 %
5	Exceeding 12 hours	12.5 %

Note: Daily Average of Load Shedding at the level of concerned urban and rural area shall be computed by adding up the hours of load shedding duration in a month and divided by number of days in the month.

Important Note:

(a) The licensee shall ensure installation of meters on the premises of un-metered consumers immediately and pending installation on individual premises shall install DTR meters to cover at least 15 % urban and 10 % rural un-metered domestic users. The selection of clusters for DTR metering should be adequate in all divisions.

(b) **Delayed payment Surcharge:** Surcharge will be recoverable at the following rate subject to maximum of 25 % of outstanding amount :--

- (i) For bills up to Rs. 500.00 ---- @ Rs. 2.00 per day after due date.
- (ii) For bills exceeding Rs 500 ----@ Rs. 5.00 per day after due date.
and upto Rs. 1000.00
- (iii) For bills exceeding Rs 1000 ---- @ Rs. 10.00 per day after due date.

Note :- The delayed payment surcharge will not be applicable after a consumer is permanently disconnected.

New Connections

(c) For new connections where previous financial year's average monthly consumption is not available, the consumer may be billed provisionally for Fixed Cost Charges of Rs. 205/- per month for at least three billing months from the billing month of connection. This provisional Fixed Cost Charges shall be revised and adjusted for debit/credit on the basis of actual consumption during that period of three months. However, the energy cost charges shall be billed as per actual for the slab under Sr. No. 3 (i.e. @ 340 paise per unit) subject to revision after three billing months as the case may be.

Tariff Schedule – LV - 2

NON-DOMESTIC :

1 Applicability:

This tariff is applicable for light & fan and power to Shops/showrooms, business houses, guest houses, X-ray plant, offices, professional's chambers, educational institutions including ITIs, recognized Small Scale Service Institutes, workshop & laboratories of Engineering Colleges / Polytechnics ,public buildings, town halls, clubs, restaurants, eating establishments, meeting halls, places of public entertainment, circus shows, hotels, cinemas, Railway stations, private clinics, nursing homes, private hospitals, farm houses, marriage gardens, marriage houses, printing press, milk chilling centers, advertisement services, training institutions, petrol pumps and service stations, tailoring shops, laundries, and any other non industrial use.

Note :- Earlier L.T. Industrial Tariff was applicable to ITIs, recognized Small Scale Service Institutes, workshops & Laboratories of Engineering Colleges/ Polytechnics. Now these consumers are excluded from L.T. Industrial Categories.

2 Character of service:

Licensee shall normally ensure 24 hours of supply and in the event of planned load shedding the consumer shall receive a rebate in Fixed Cost Charges.

3 Tariff:

The sub- category of tariff and free units shall be based on previous financial year's average monthly consumption. as per following table:

S.No.	Sub category of consumer on the basis of average monthly consumption during previous financial year	Fixed Cost Charges/month (Rs./connection)	Energy Cost Charges for all units (paise/unit) for current year's consumptions	Free Units allowed per month (linked to F.C.C.)
1	0 to 50 units	105	545	20
2	51 to 500 units	300	545	50
3	501 to 1000 units	2325	545	400
4	Above 1000 units	4600	545	800
5	Demand Based Tariff	Rs 125/Kw of billing demand*	400	

6	Temporary	500	750	--
7	For X-ray plant	Additional Charges (Rs. per machine/month)		
	Single phase	400		
	Three phase	600		

Note 1 : All consumers with connected load above 50 KW shall be billed on Demand Based tariff and the licensee shall provide Tri vector Meter capable of recording Demand and Time of Use

Note 2: For planned load shedding, the entitlement for rebate shall be the same as for Domestic Category

Note 3 : * Maximum Demand in each month shall be 4 times the largest amount of kilowatt ampere hours delivered at the point of supply during any consecutive 15 minutes in that month . Billing demand for the month shall be the actual maximum kilowatt demand of the consumer during the month or 75% of the contract demand whichever is higher. The Billing Demand shall be rounded off to the nearest integral figure the fraction of 0.5 or above will be rounded to next higher figure and the fraction of less than 0.5 shall be ignored.

Delayed payment Surcharge: Surcharge will be recoverable at the following rate subject to maximum of 25 % of outstanding amount :--

- (i) For bills up to Rs. 500.00 ---- @ Rs. 2.00 per day after due date.
- (ii) For bills exceeding Rs 500 and upto Rs. 1000.00 -- @ Rs. 5.00 per day after due date.
- (iii) For bills exceeding Rs 1000 ---- @ Rs. 10.00 per day after due date.

Note :- The delayed payment surcharge will not be applicable after a consumer is permanently disconnected.

(c) For new connections where previous financial year's average monthly consumption is not available, the consumer may be billed provisionally for Fixed Cost Charges of Rs. 300/- per month for at least three billing months from the billing month of connection. This provisional Fixed Cost Charges shall be revised and adjusted for debit/credit on the basis of actual consumption during that three months. However, the energy cost charges shall be billed as per actual.

Tariff Schedule – LV - 3

Public Water works and Street light

1 Applicability

This tariff is applicable for Public Utility Water Supply Schemes, sewage treatment plants, Sewage Pumping Installations run by P.H.E. Department, Local Bodies and Gram Panchayats or any organization made responsible by the Government to supply/ maintain public water works / Sewerage Installations and also electric crematorium maintained by local bodies. This tariff is also applicable to traffic signals and lighting of public streets or public places including parks, monuments, hospitals and medical care facilities run by government and its institutions government hospitals, primary health center, public toilets, public libraries and reading rooms.

2 Character of service:

Licensee shall ensure at least 16 hours of supply and in the event of planned load shedding the consumer shall receive a rebate in Fixed Cost Charges as decided by the Commission.

3 Tariff:

	Category of consumers	Fixed Cost Charges (Rs./KW/month)	Energy Cost Charges paise per unit
3.1	<u>Public Water Works</u>		
a	Municipal Corporation/ Cantonment board	60	280
b	Municipality/ Nagar Panchayat	60	255
c	Gram Panchayat	60	220
3.2	<u>Street light</u>		
a	Municipal Corporation/ Cantonment board	100	310
b	Municipality/ Nagar Panchayat	100	300
c	Gram Panchayat	100	260

Note: A rebate of 15 % in respect of Fixed Cost Charges will be admissible for load shedding in the event of licensee resorting to load shedding in excess of 8 hrs/ day calculated on monthly average basis.

4 Minimum Charge:

There will be no minimum charges.

5. **Delayed payment Surcharge:** If the bills are not paid by the consumers within the due date prescribed, a surcharge of 1.5% per month of the total amount of monthly bill (including outstanding arrears) will be payable in addition. The delayed payment surcharge will not be applicable after a consumer is permanently disconnected.

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Tariff Schedule – LV - 4

INDUSTRIAL

1 Applicability:

These tariffs are applicable to light and fan and power for operating equipment used by flour mills, hullers, khandsari units, ginning and pressing units, sugar cane crushers, power looms, dal mills, besan mills, cold storage plants and ice factories and any other industrial establishments and workshops (where any processing or manufacturing takes place including tyre re-treading) but excluding ITIs, recognized Small Scale Service Institutes, workshop & laboratories of Engineering Colleges and Polytechnics which are covered under non-domestic category.

2 Character of service:

Licensee shall ensure at least 16 hours of daily supply and in the event of planned load shedding in excess of 8 hours/day on an average basis in any month, the consumer shall receive a 15 % rebate in Fixed Cost Charges.

3 Tariff: For Non seasonal and seasonal consumers

	Category of consumers	Fixed Cost Charges (Rs.per month per HP of contract demand)	Energy Cost Charges paise per unit
A	Non seasonal consumers		
4.1 a	Flour Mills, Hullers and Power looms up to 10 HP	50	320
	Other LT Industries including Flour Mills , Hullers and Power looms above 10 HP		
4.1 b	More than 10 HP and up to 25 HP	60	330
4.1 c	More than 25 HP & up to 50 HP	150	400
4.1d	Demand based tariff (upto 100 HP)	Rs. 160 per kW per month of billing demand**	400
4.1e	Demand based tariff (Above 100 HP & up to 150 HP*)	Rs 180/kVA or Rs. 200/ kW	420

B	Seasonal Consumers (season not exceeding six months in a financial year)		
4.1 f	During season	Normal tariff as for Non seasonal consumers	
4.1 g	During Off season (The consumer shall be required to restrict his consumption to 15 % of average consumption during season)	30 % of normal tariff as for Non-seasonal consumers	120 % of normal tariff as for Non-seasonal consumers

Note 1 : * In addition to this charge these consumers are also liable to pay transformation losses at 3% and transformer rent as per the order for Miscellaneous and general charges.

**Billing demand for the month shall be the actual maximum kW demand of the consumer during the month or 75% of the contract demand whichever is higher. The billing demand shall be rounded off to the nearest integral figure, the fraction of 0.5 or above will be rounded to next higher figure and the fraction of less than 0.5 shall be ignored.

- 2 . For the purpose of Tariff mentioned in 4.1 d and 4.1 e, the maximum demand of the consumer in each month shall be four times the largest amount of kilovolt ampere hours delivered at the point of supply of the consumer during any consecutive fifteen minutes in that month.
3. Any consumer may opt for demand based tariff, however for the consumers having connected load 50 HP and above, demand based tariff is mandatory.

4 Minimum Charge:

There will be no minimum charges except for demand based tariff. For Demand based tariff, the monthly minimum charges would be charged equivalent to demand charges on contract demand.

5 Additional Charge

- a) The consumers availing supply at Tariff 4.1 d and 4.1 e should 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 said tariff shall apply only to the extent of the contract demand. The demand in excess of contract demand (hereinafter referred to as “Excess Demand”) shall be treated as power supplied and availed of separately for billing purposes. The excess demand so availed, if any, in any month shall be charged at 1.5 times

Fixed Cost Charges prescribed in the tariff applicable to the consumer and while doing so, the other terms and conditions (viz. Fixed Cost Charges, charges for low power factor, etc.) of tariff shall also be applicable on the said excess demand.

- (b) The above excess billing at 1.5 times the normal tariff, applicable to consumers is without prejudice to the licensee's right to ask for revision of agreement, failing which the licensee has a right to discontinue the supply in accordance with the provisions contained in the Madhya Pradesh Electricity Supply Code, 2004.

6. Delayed payment Surcharge: If the bills are not paid by the consumers within the period (due date) prescribed, a surcharge of 1.5% per month of the total amount of monthly bill (including outstanding arrears) will be payable in addition.. The delayed payment surcharge will not be applicable after a consumer is permanently disconnected.



Tariff Schedule – LV - 5.1

Irrigation Pumps for Agriculture

1 Applicability:

These tariffs are applicable to agricultural pump connections, chaff cutters, thrashers, winnowing machines, irrigation pumps of lift irrigation schemes, water drawn by agriculture pumps for use by cattle.

2 Character of service:

Licensee shall ensure at least 6 hours of three phase supply six days a week.

3 Tariff:

S.No.	Sub-Category of consumers metered	Energy Cost Charges paise per unit
	Metered	
1	Permanent connections	
a)	First 300 units per month	175
b)	Rest of the units in the month	265
2	Temporary connections	
a)	First 300 units per month	230
b)	Rest of the units in the month	320
	Un metered (On connected Load basis)	
3(a)	Permanent connection	Shall be liable to pay for assumed consumption of : 100 Units / HP /month at permanent metered rate
3(b)	Temporary connections	130 Units / HP /month at temporary metered rate

Note:

(a) Consumers opting for temporary supply shall have to pay the charges in advance for three months subject to replenishment from time to time for extended period and adjustment as per final bill after disconnection.

(b) Following **incentive*** shall be given to the agricultural consumers on installation of energy saving devices to the satisfaction of the licensee:--

S.No.	Particulars	Rate of rebate in tariff
1.	For installation of ISI motors for pump sets	10 paise per unit
2.	For installation of ISI motors for pump sets and use of frictionless PVC pipes and foot valve	20 paise per unit
3.	For installation of ISI motors for pump sets and use of frictionless PVC pipes and foot valves along with installation of shunt capacitor of appropriate rating	30 paise per unit

* **Incentive** in the normal tariff for installation of energy saving device under demand side management 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. Incentive will only be admissible from the month following the month of installation and its verification by a person authorized by the licensee.

Notes :

- i) One 40 W lamp is permitted at or near the pump in the power circuit.
- ii) The use of three phase agriculture pump by installing external device during the period 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.

4 Minimum Charge:

Charges equivalent to 360 units per annum per HP or part thereof of the connected load shall be payable by Consumers under metered supply.

5. Delayed payment Surcharge: If the bills are not paid by the consumers within the period (due date) prescribed, a surcharge of 1.5% per month of the total amount of monthly bill (including outstanding arrears) will be payable in addition. The delayed payment surcharge will not be applicable after a consumer is permanently disconnected.

Tariff Schedule – LV - 5.2

Other agriculture related use

Applicability:

These tariffs are applicable to nurseries growing flowers/ plants/ saplings/ fruits, fisheries ponds, aquaculture, sericulture, dairy, hatcheries, poultry farms, cattle breeding farms, grasslands and mushroom growing farms.

2. Character of service:

The Character of service shall be as per Madhya Pradesh Electricity Supply Code, 2004.

3. Tariff:

S.No.	Sub-Category of consumers	Energy Cost Charges paise per unit
	Metered	
1	Permanent connections	
	All Units consumed	300
2	Temporary connections	
	All Units consumed	350

Note:

(a) Consumers opting for temporary supply shall have to pay the charges in advance for three months subject to replenishment from time to time for extended period and adjustment as per final bill after disconnection.

(b) The use of three phase motor by installing external device during the period the supply is available on single phase, shall be treated as illegal extraction of energy and the action as per the prevailing rules and regulations shall be taken against the defaulting consumer.

5 Minimum Charge:

Charges equivalent to 360 units per annum per HP or part thereof of the connected load shall be payable by Consumers under metered supply.

6. Delayed payment Surcharge: If the bills are not paid by the consumers within the period (due date) prescribed, a surcharge of 1.5% per month of the total amount of monthly bill (including outstanding arrears) will be payable in addition.. The delayed payment surcharge will not be applicable after a consumer is permanently disconnected.

GENERAL TERMS AND CONDITIONS OF LOW TENSION TARIFF

1. Rounding off

All bills will be rounded off to the nearest rupee.

2. Temporary Supply at LT

Temporary supply can not be demanded by a prospective 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 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 Schedule of Miscellaneous Charges.

a) Fixed Cost Charge and energy cost charges to be billed at 1.5 times the normal tariff as applicable to all categories if not specified otherwise specifically.

b) **Advance payment** - Estimated energy consumption charges are payable in advance before serving the temporary connections subject to replenishment from time to time and adjustment as per final bill after disconnection.

c). The sanctioned /connected load should not exceed 75 KW/100 HP/100 KVA.

d). The month for the purpose of temporary supply shall mean 30 days from date of connection or further part thereof.

e) Any expenditure for line extension up to point of supply shall be paid by the consumer as per prescribed procedure.

f) Connection and Disconnection Charges shall be paid separately.

3. Other Terms and Conditions

a) For advance payment, an interest of 0.5 % per month shall be credited to the advance account of the consumer on the amount balance (excluding security deposit) at the end of calendar month with the licensee after adjusting any amount payable to the licensee.

b) The sanctioned /connected load/contract demand should not exceed 75 KW/100 HP/100 KVA.

c) **Meter Rent** – Meter Rent shall be charged as per the Schedule of Miscellaneous Charges. Part of a month will be reckoned as full month for purpose of billing.

d) In case the cheque presented by the consumer is dishonored a service charge at the rate of Rs 150 per cheque shall be levied.

e) Other charges as stated in miscellaneous charges shall be applicable.

f) 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 capacitors of prescribed capacity have not been installed.

g) For purposes of computing the connected load in kW of the welding transformers, a power factor of 0.6 shall be applied to the maximum current or kVA rating of such welding transformers.

h) Welding Surcharge of 75 (seventy five) paise per unit shall be levied for the consumption of the entire installation during the month in respect of all LT installations with welding transformers in the connected load unless suitable capacitors are installed so as to ensure power factor of not less than 0.8 lagging.

i) Existing LT power consumer shall have to ensure that LT capacitor of proper rating is provided. However, for guidance only Madhya Pradesh Electricity Supply Code, 2004 may

be referred. But it shall be the responsibility of the consumer to ensure that overall average power factor during any month should not be less than 0.8. In case of failure of the above criteria the consumer shall be liable to pay low power factor surcharge of 26 (twenty six) paise per unit in respect of consumption of the entire installation during the month.

- j) Levy of welding/ power factor surcharges as indicated herein 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) In case of any dispute on applicability of tariff on a particular LT category, the decision of the Commission shall be final and binding.
- l) 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.
- m) All conditions prescribed herein shall be applicable to the consumer notwithstanding the provisions, if any, contrary to the agreement entered into by the consumer with the licensee.

Annexure-1-B

ANNEXURE TO TARIFF ORDER PASSED BY MPERC

For Financial Year 2005-06

MADHYA PRADESH ELECTRICITY REGULATORY COMMISSION

TARIFF SCHEDULES FOR HIGH TENSION CONSUMERS

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Schedules for High Tension Consumers

Rate Schedule – HV – 1

Railway Traction

Applicability

- 1.1 This Tariff shall apply to the Railways for Traction loads only. The contract demand shall be expressed in whole number only.

Character of service

- 1.2 The character of service shall be as per Madhya Pradesh Electricity Supply Code, 2004.

Point of Supply

- 1.3 The supply at each sub-station shall be separately metered and charged.

Tariff:

	Category of Consumer	Fixed Cost Charges (Rs./ kVA of billing demand/month)	Energy Cost Charges (Paise per unit)
1.0	Railway Traction on 220kV / 132kV	150	390

Note : In order to attract faster electrification and growth of Railway network in the State , rebate of 7.5 % in fixed and Energy Cost 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 Board are finalised during FY06 and FY07.

Minimum Charge

- 1.4 The consumer will guarantee a minimum monthly payment of the Energy Cost Charges of the units (kWH) equivalent to 20% load factor of the contract demand plus the Fixed Cost Charges on the billing demand for the month irrespective of whether any energy is consumed or not during the month. An average power factor of 0.85 will be applied for the calculation of corresponding units at 20% load factor on contract demand.

Determination of the Demand

- 1.5 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 consecutive 15 minutes during the month as per sliding window principle of measurement of demand.
- 1.6 Provided that if as a result of an emergency in the consumer's installation or in the transmission lines supplying energy to the said traction sub-station, extra load is taken by the consumer, the period of such emergency shall not be taken into account for the purpose of working out the maximum demand.

- 1.7 Provided further that if as a result of the emergency in the traction substation, or in the transmission line supplying load or part thereof is transferred to an adjacent traction substation, the M.D. for the month shall not be taken less than the average of M.D. for previous three months during which no emergency had occurred.

Incentives and Penalties
Load Factor Concession

Supply voltage	Load Factor	Concession
At all voltage level	(a) Consumption over 50% and up to 60% load factor on contract demand	5% concession on the normal Energy Cost Charges of additional energy consumption over and above 50% LF.
	(b) Consumption over 60% and up to 70 % load factor on contract demand	10% concession on the normal Energy Cost Charges of additional energy consumption over and above 60% LF.
	(c) Consumption over 70 % load factor on contract demand	15 % concession on the normal Energy Cost Charges of additional energy consumption over and above 70% LF.

Power Factor Penalty

- 1.8 If the average monthly power factor of the consumer falls below 85 percent, penalty will be payable for each one percent by which the average monthly power factor falls below 85 percent, at the rate of 1% (one percent) on the amount of bill under the head of “Fixed Cost Charges” and “Energy Cost Charges” . **For the determination of power factor, only lag logic shall be used and no power factor penalty shall be levied if leading power factor is recorded.**

- 1.9 Should the power factor fall below 70%, the Licensee will have the right to levy a higher level of penalty charges calculated at 2 % for low power factor below 70 %.
- 1.10 For this purpose, the “average monthly power factor” is defined as the ratio of total Kilo Watt hours to the total kilo volt Ampere hours recorded during the month. This ratio will be rounded off to two figures, 5 or above in the third place of decimal being rounded off to the next higher figure in the second place of decimal.
- 1.11 An average power factor of 0.85 will be applied for calculation of corresponding units at different load factors on contract demand.
- 1.12 Notwithstanding what has been stated above, if the average power factor of a new consumer is found to be less than 85% at any time 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 85% subject to following condition:
- a. This 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 85%.
 - b. 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 subsequent three months (thus in all four months) to not less than 85%, 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 consumers whose average power factor is less than 85% at any time during 6 months from the date of connection. Thereafter, the charges on account of low average power factor, if found less than 85%, shall be payable as by any other consumer.

OTHER TERMS AND CONDITIONS :-- As mentioned in General Terms and Conditions of Tariff.

Rate Schedule – HV - 2

Coal Mines

Applicability

- 1.1 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 use therein. The contract demand shall be expressed in whole number only.

Character of service

- 1.2 The character of service shall be as per Madhya Pradesh Electricity Supply Code, 2004.

Point of Supply

- 1.3 The power will be supplied to the consumers ordinarily at a single point for the entire premises. The power may, however, be supplied on the request of the consumer, subject to technical feasibility, at more points than one, but in such a case, metering and billing will be done for each point of supply separately.

Tariff

	Category of consumers	Fixed Cost Charges (Rs./ kVA of billing demand /month)	Energy Cost Charges (Paise per unit)
2.0	Coal Mines		
	220 kV supply	397	388
	132 kV supply	403	394
	33 kV supply	420	410
	11 kV supply	445	435

Minimum Charge

For Supply at 220/132 KV voltages

- 1.4 The consumer will guarantee a minimum monthly payment of the charges of the units (kWh) equivalent to 30 % load factor on the contract demand plus the Fixed Cost Charges on the billing demand for the month, irrespective of whether any energy is consumed or not during the month.

For Supply at 33KV/11 KV voltages

- 1.5 The consumer will guarantee a minimum monthly payment of the charges of the units (kWh) equivalent to 10 % load factor on the contract demand plus the Fixed Cost Charges on the billing demand for the month, irrespective of whether any energy is consumed or not during the month.

Rebate / penalties

Load Factor Concession

Supply voltage	Load Factor	Concession
At all voltage level	(d) Consumption over 50% and up to 60% load factor on contract demand	5% concession on the normal Energy Cost Charges of additional energy consumption over and above 50% LF.
	(e) Consumption over 60% and up to 70 % load factor on contract demand	10% concession on the normal Energy Cost Charges of additional energy consumption over and above 60% LF.
	(f) Consumption over 70 % load factor on contract demand	15 % concession on the normal Energy Cost Charges of additional energy consumption over and above 70% LF.

OTHER TERMS AND CONDITIONS :-- As mentioned in General Terms and Conditions of Tariff.

Rate Schedule – HV - 3

Industrial and Non Industrial

Applicability

- 1.6 This tariff shall apply to all HT industrial, mines other than coal mines and non industrial consumers and also establishments like Railway Stations, Offices, Hotels, Institutions etc. having mixed load but excluding irrigation, water works, separate townships and residential colonies 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 etc. . The contract demand shall be expressed in whole number only.

Character of service

- 1.7 The character of service shall be as per Madhya Pradesh Electricity Supply Code, 2004.

Point of Supply

- 1.8 The power will be supplied to the consumers ordinarily at a single point for the entire premises.

1.9 Tariff

S.No.	Sub category of consumer	Fixed Cost Charges Rs. per KVA of billing demand	Energy Cost Charges per unit (paise)
1	Option –A (Suitable for load factor up to 25 %)		
1.1	for first 10,000 units in a month	150	410
1.2	for next 20,000 units in the month	150	400
1.3	for remaining units in the month	150	390
2	Option –B (Suitable for load factor above 25 % & up to 60%)		
2.1	for first 50,000 units in a month	200	375

2.2	for next 1,00,000 units in the month	200	360
2.3	for remaining units in the month	200	345
3	Option – C (Suitable for load factor above 60 %)		
3.1	for first 500,000 units in a month	400	330
	for next 10,00,000 units in the month	400	315
	for remaining units in the month	400	300

Note: 1) The consumer will choose the applicable load factor category at the beginning of the Tariff period and register it with the licensee. Within 7 days of this Tariff Order becoming effective, the licensee shall issue a written notice to the consumers to intimate his option within a further period of 7 days. If the consumer fails to register his option within the stipulated time period, the licensee shall determine the applicable category based on previous years consumption and load factor. The consumer could change the load factor category once during the tariff period.

2) The above tariff is based on applicable rates at 33kV supply and for supply at 132 kV and 220kV a decrease of 2.5% and 5% respectively will be made in Fixed Cost Charges and Energy Cost Charges. For supply at 11kV, the energy charge shall be computed after increasing the base rate by 5%.

Minimum Charge

For Supply at 220/132 KV voltages

The consumer will guarantee a minimum monthly payment of the charges of the units (kWh) equivalent to 30 % load factor on the contract demand plus the Fixed Cost Charges on the billing demand for the month, irrespective of whether any energy is consumed or not during the month.

For Supply at 33KV/11 KV voltages

The consumer will guarantee a minimum monthly payment of the charges of the units (kWh) equivalent to 10 % load factor on the contract demand plus the Fixed Cost Charges on the billing demand for the month, irrespective of whether any energy is consumed or not during the month.

Time of Day Surcharge / Rebate

1.10 This condition is applicable for different periods of the day i.e. normal period, peak load and off-peak load period. The maximum demand and the consumption recorded in different periods shall be billed according to the rates below:

TOD Surcharge / Rebate:

	Fixed Cost Charges	Normal rate of Fixed Charge
	PLUS	
	Energy Charge	Rate (Paise per unit)
	Period of Energy Consumption	
(i)	Normal period (6.00 AM to 6 PM)	Normal Rate of Energy Cost Charges
(ii)	Evening peak load period (6PM to 10 PM)	15% of Normal rate of Energy Charge as Surcharge
(iii)	Off peak load period (10 PM to 6 AM next day)	7.5 % of Normal rate of Energy Charge as Rebate

OTHER TERMS AND CONDITIONS :-- As mentioned in General Terms and Conditions of Tariff.

Rate Schedule – HV - 4

Seasonal

Applicability

- 1.11 This tariff will be applicable to such seasonal industries / consumers requiring energy for a maximum period of six months in a year.
- 1.12 Normally rice mills, sugar mills, oil mills based on agricultural seeds, ice factories, cold storage, ginning and pressing factories are entitled for this category. However the Board may allow this tariff to any other industry in consultation with the Commission. The contract demand shall be expressed in whole number only.

Character of service

- 1.13 The character of service shall be as per Madhya Pradesh Electricity Supply Code, 2004.

Point of Supply

- 1.14 The power will be supplied to the consumers ordinarily at a single point for the entire premises. The power may, however, be supplied on the request of the consumer, subject to technical feasibility, at more points than one, but in such a case, metering and billing will be done for each point of supply separately.

Tariff

	Category of consumers	Fixed Cost Charges (Rs./ kVA of billing demand/month)	Energy Cost Charges (Paise per unit)
6.0	Seasonal		
	33 kV supply	100	460
	11 kV supply	106	488

Note: The consumer has to declare months of season and off-season for the financial year by 31st March of the preceding financial year failing which the connection shall be treated under HV-3 (Industrial and Non Industrial) based on previous years consumption and load factor. The consumer could change the load factor category once during the tariff period.

Minimum Charge

- 1.15 The tariff is subjected to payment of Energy Cost Charges for a minimum annual consumption of 900 units per kVA of contract demand.

Rebate / penalties

Load Factor Concession:

Supply voltage	Load Factor	Concession
At all voltage level	(a) Consumption over 50% and up to 60% load factor on contract demand	5% concession on the normal Energy Cost Charges of additional energy consumption over and above 50% LF.
	(b) Consumption over 60% and up to 70 % load factor on contract demand	10% concession on the normal Energy Cost Charges of additional energy consumption over and above 60% LF.
	(c) Consumption over 70 % load factor on contract demand	15 % concession on the normal Energy Cost Charges of additional energy consumption over and above 70% LF.

Time of Day Surcharge / Rebate

1.16 This condition is applicable for different periods of the day i.e. normal period, peak load and off-peak load period. The maximum demand and the consumption recorded in different periods shall be billed according to the rates below:

TOD Surcharge / Rebate:

	Fixed Cost Charges	Normal rate of Fixed Charge
	PLUS	
	Energy Charge	Rate (Paise per unit)
	Period of Energy Consumption	
(i)	Normal period (6.00 AM to 6 PM)	Normal Rate of Energy Cost Charges
(ii)	Evening peak load period (6PM to 10 PM)	15% of Normal rate of Energy Charge as Surcharge
(iii)	Off peak load period (10 PM to 6 AM next day)	7.5 % of Normal rate of Energy Charge as Rebate

OTHER TERMS AND CONDITIONS :-- As mentioned in General Terms and Conditions of Tariff.

Rate Schedule – HV - 5

HT Irrigation and Public Water Works

Applicability

- 1.17 This Tariff shall apply to agriculture pump connections, connection for dairy, hatcheries, poultry farms, cattle breeding farms, grasslands, vegetable, fruits, floriculture, Mushroom growing units, lift irrigation schemes including energy used for lighting Pump house and for Public Utility Water Supply Schemes, sewage treatment plants /sewage pumping plants. The contract demand shall be expressed in whole number only.

Character of service

- 1.18 The character of service shall be as per Madhya Pradesh Electricity Supply Code, 2004.

Point of Supply

- 1.19 The power will be supplied to the consumers ordinarily at a single point for the entire premises.

Tariff

	Category of consumers	Fixed Cost Charges (Rs./ kVA of billing demand/month)	Energy Cost Charges (Paise per unit)
7.1	Lift Irrigation Schemes and Public Water Works only		
	132 kV supply	96	221
	33 kV supply	100	230
	11 kV supply	100	245
7.2	Other agricultural users		
	33 kV supply	130	300
	11 kV supply	140	320

Minimum Charge

- 1.20 The tariff is subject to payment for a minimum annual consumption of 720 units per kVA of the highest Maximum Demand recorded during the year or the contract demand, whichever is higher.

OTHER TERMS AND CONDITIONS :-- As mentioned in General Terms and Conditions of Tariff.

Rate Schedule – HV - 6

Townships and Residential Colonies

Applicability

1.21

This tariff is applicable for supply to industrial or any other town ships (e.g. University or academic institutions), residential colonies desirous of taking HT supply (including townships of industries, hospitals, MES, Rural Co-operative Societies, Border villages) for domestic purpose such as lighting, fans, heating etc. provided that the connected load for common facilities such as Non-domestic supply in residential area, street lighting and water supply etc. shall be within the limits specified hereunder :--

(i) Water supply & Sewage and street lighting put together-- 10 % of total connected load

(ii) Non-domestic/Commercial and General purpose put together-- 10 % of total connected load

Character of service

1.22 The character of service shall be as per Madhya Pradesh Electricity Supply Code, 2004.

Point of Supply

1.23 The power will be supplied to the consumers ordinarily at a single point for the entire premises. However, for Rural Co-operative Societies the power may be supplied on the request of the consumer, subject to technical feasibility, at more than one point, but in such case, metering and billing will be done for each point of supply separately.

Tariff

	Category of consumers	Fixed Cost Charges (Rs./KVA of billing demand)	Energy Cost Charges (Paise per unit)
6	Townships and Residential Colonies		
	132 kV supply	100	250
	33 kV supply	110	260
	11 kV supply	120	270

Note : No Fixed Cost Charges shall be billed for connections to Border Villages.

Minimum Charge

For Supply at 132 KV voltages

- 1.24 The consumer will guarantee a minimum monthly payment of the charges of the units (kWh) equivalent to 30 % load factor on the contract demand plus the Fixed Cost Charges on the billing demand for the month, irrespective of whether any energy is consumed or not during the month.

For Supply at 33KV/11 KV voltages

- 1.25 The consumer will guarantee a minimum monthly payment of the charges of the units (kWh) equivalent to 10 % load factor on the contract demand plus the Fixed Cost Charges on the billing demand for the month, irrespective of whether any energy is consumed or not during the month. **However for Border Villages, no minimum charges shall be levied.**

OTHER TERMS AND CONDITIONS :-- As mentioned in General Terms and Conditions of Tariff.

Rate Schedule – HV - 7

Bulk Supply to Exemptees

Applicability

- 1.26 This Tariff shall apply to any local authority, Panchayat Institution, users' association, Co operatives, non-government organisations or franchisees i.e. consumers who have been granted permission under section 13 of the Electricity Act 2003 (36 of 2003). The contract demand shall be expressed in whole number only.

Character of service

- 1.27 The character of service shall be as per Madhya Pradesh Electricity Supply Code, 2004.

Point of Supply

- 1.28 The power will be supplied to the consumers ordinarily at a single point at 33kV. The power may, however, be supplied on the request of the consumer, subject to technical feasibility, at more points than one, but in such a case, metering and billing will be done for each point of supply separately.

Tariff:

	Category of consumers	Fixed Cost Charges (Rs./ kVA of billing demand/month)	Energy Cost Charges (Paise per unit)
11.0	Bulk Supply to Exemptees under Section 13		
	Urban Areas	75	250
	Rural Areas	40	210

OTHER TERMS AND CONDITIONS :-- As mentioned in General Terms and Conditions of Tariff.

GENERAL TERMS AND CONDITIONS FOR HT CONSUMERS

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

For Supply at all voltages

Billing Demand

- 1.29 The Billing demand for the month shall be the actual maximum kVA demand of the consumer during the month or 75% of the contract demand, whichever is higher. The billing demand shall be rounded off to the nearest integral figure, the fraction of 0.5 or above will be rounded to next higher figure and the fraction of less than 0.5 shall be ignored.

Determination of the Demand

- 1.30 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 consecutive 15 minutes during the month as per sliding window principle of measurement of demand.

Rebate / penalties

Power Factor Incentive

- 1.31 If the average monthly power factor of the consumer increases above 90%, incentive shall be payable for each one percent increase by which the average monthly power factor is above 90% as follows:

Power Factor	Incentive payable
Above 90% and upto 95%	0.5% (one half of one percent) on the total amount of bill under the head of “Fixed Cost Charges” and “Energy Cost Charges”.
Above 95% and upto 100%	1.0 % (one percent) on the total amount of bill under the head of “Fixed Cost Charges” and “Energy Cost Charges”.

Power Factor Penalty

- 1.32 If the average monthly power factor of the consumer falls below 90 percent, the consumer shall, for each one percent by which his average monthly power factor falls below 90 percent, in addition pay 1% (one percent) on total amount of bill under the head of “Fixed Cost Charges” and “Energy Cost Charges” .
- 1.33 If the average monthly power factor of the consumer falls below 85 percent, the consumer shall, for each one percent by which his average monthly power factor falls below 85 percent, in addition pay 2% (two percent) on the total amount of bill under the heads of “Fixed Cost Charges” and “Energy Cost Charges”.
- 1.34 Should the power factor fall below 70%,the Board reserves the right to disconnect the consumer’s installation till steps are taken to improve the same to the satisfaction of the Board; this is, however, without prejudice to the levy of penalty charges for low power factor in the event of supply not being disconnected.
- 1.35 For this purpose, the “average monthly power factor” is defined as the ratio of total Kilo Watt hours to the total kilo volt Ampere hours recorded during the month. This ratio will be rounded off to two figures, 5 or above in the third place of decimal being rounded off to the next higher figure in the second place of decimal.
- 1.36 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 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 date on 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 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 consumers whose average power factor is less than 90% at any time 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 by any other consumer.

Additional Charge

For Excess Demand

- 1.37 The consumers should 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 foregoing tariffs shall apply to the extent of the contract demand only. The demand in excess of contract demand (hereinafter referred to as “excess demand”) shall be treated as power supplied and computed separately for billing purposes. The excess demand so computed, if any, in any month shall be charged at one and a half times the normal tariff applicable to the consumer and while doing so other provisions of electricity tariff (such as tariff minimum charge, power factor, etc.) will also be applicable on aforesaid excess demand, unless otherwise provided specifically.
- 1.38 The excess demand computed in any month shall be charged along- with the monthly bill and shall be payable by the consumer.
- 1.39 The billing of excess demand at one and a half times the normal tariff applicable to consumer is without prejudice to the Board’s right to discontinue the supply in accordance with the provisions contained in the Electricity Supply Code.

For Delayed Payment

- 1.40 Surcharge at 1.5% per month on the total amount of bill (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 a consumer is permanently disconnected.

For Advance Payment

- 1.41 For advance payment, an interest of 0.5 % per month shall be credited to the advance account of the consumer on the amount balance (excluding security deposit) at the end of calendar month with the licensee after adjusting any amount payable to the licensee.

Service Charge for Dishonored Cheques

- 1.42 In case the cheque presented by the consumer is dishonoured a service charge at the rate of Rs 1000/- per cheque shall be levied.

Rounding off

- 1.43 All bills will be rounded off to the nearest rupee.

Temporary supply at HT

- (i) If any consumer requires an additional supply for a temporary period, the temporary additional supply shall be treated as a separate service and charged subject to the following conditions :--

- (a) Fixed Cost Charges and Energy Cost Charges shall be charged at 1.5 times the standard tariff with FCA/VCA charges if any.
- (b) 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.
- (c) The month for the purpose of temporary supply shall mean 30 days from date of connection or for further part thereof.
- (d) 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.
- (e) Any expenditure up to point of supply shall be paid by the consumer as per prescribed procedure.
- (f) The consumer shall pay rental for the metering system.
- (g) Connection and Disconnection Charges shall be paid separately.

Other Terms and Conditions

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

Supply Voltage	Minimum Contract Demand	Maximum Contract Demand
11 kV	60 kVA	300 kVA
33 kV	300 kVA	10000 kVA
132 kV	2500 kVA	40000 kVA
220 kV	40000 kVA	

- 1.45 The deviation, if any, in respect of above provisions on account of technical reasons may be permitted /sanctioned by the Board on merits and any aggrieved consumer may approach the Commission.

- 1.46 The existing 11kV consumers 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 5 % on the total amount of Fixed Cost Charges, Energy Cost Charges and VCA charges, if any billed in the month.
- 1.47 The existing 33kV consumers 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 3% on the total amount of Fixed Cost Charges, Energy Cost Charges and VCA charges, if any billed in the month.
- 1.48 The existing 132kV consumers with contract demand exceeding 40000 kVA who want to continue to avail supply at 132kV at his request, shall be required to pay additional charge at 2% on the total amount of Fixed Cost Charges, Energy Cost Charges and VCA charges, if any billed in the month.
- 1.49 Meter rent shall be charged as per schedule of Miscellaneous Charges. Part of a month will be reckoned as full month for purpose of billing.
- 1.50 An average power factor of 0.9 will be applied for calculation of corresponding units at different load factors on contract demand in kVA.
- 1.51 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.
- 1.52 All conditions prescribed herein shall be applicable to the consumer notwithstanding the provisions, if any, contrary to the agreement entered into by the consumer with the licensee.