

TARIFF SCHEDULE APPROVED BY THE COMMISSION FOR FY 2014-15

1.1 Tariff Schedule

The detailed schedules of approved tariff are as given in this part.

1.1.1 Tariff Schedule for Low Tension (LT) Consumers

This tariff schedule is applicable to all LT consumers as follows:

- i. Single-phase, 230 Volts up to a maximum connected load of 3 kW, and
- ii. Three phase, 400 volts, for maximum demand up to 75 kW in case of demand based tariff or for maximum contracted load of 100 hp in case of other tariff, as applicable.

1.1.1.1 LV-1: Domestic

1. Applicability

This tariff is applicable to domestic light and fan and power used for all domestic appliances, in a residential premises, orphanages, homes for old/physically challenged people and homes for destitute; dharamshalas; student hostels; working women's hostels; ashrams; schools and hospitals (including X-rays etc.) run by charitable trusts; Government hospitals/dispensaries, (excluding private clinics and nursing homes); Government Schools; farm houses; mosques; temples; churches, gurudwaras; religious and spiritual institutions; water works and street lights in private colonies and cooperative societies; common facilities such as lighting in stair case, lifts, fire fighting in multi storied housing complex, light and fan in khalihan, kothar, byra where agriculture produce is kept, post office at residence of a villager; residential premises of professionals such as advocates, doctors, artists, consultants, weavers, bidi makers, beauticians, stitching and embroidery workers including their chambers; public toilets; fractional HP motors used for Shailchak by Kumhars in their residences.

2. Tariff:

Category of Consumers	Units Slab	Fixed Charge (In Rupees per kWh)	Energy Charge (Rs. per kWh)	Minimum Fixed Charge
LV-1: Domestic				
Domestic including BPL Consumers	0 -200 units	1.80	0.90	Single Phase Rs. 30/- p.m.
	201 - 600 units	2.60	1.50	Three phase Rs. 100/- pm
	601 and Above	3.90	2.00	

Notes:

- i. Only those domestic consumers who hold BPL card issued by State Govt. will be considered as BPL domestic consumer. BPL card holders shall be entitled for subsidy **for 40 units** as per State Govt. order, and their consumption shall be billed as per tariff LV-1.
- ii. All BPL domestic categories of consumers shall be billed as per meter reading. All the new BPL domestic connections are served with meter only.
- iii. If a portion of the dwelling is used for the conduct of any business other than those specified above, the entire consumption shall be billed under Non-domestic tariff LV-2.

1.1.1.2 LV-2 Non-Domestic**1. Applicability**

This tariff is applicable to light and fan and power to shops, show rooms, business houses, offices, educational institutions (except those included in LV-1 and LV-5), public buildings, town halls, clubs, gymnasium and health clubs, meeting halls, places of public entertainment, circus, hotels, cinemas, railway stations, private clinics and nursing homes including X-rays plant, diagnostic centres, pathological labs, carpenters and furniture makers, juice centres, hoardings and advertisement services, public libraries and reading rooms, typing institutes, internet cafes, STD/ISD PCO's, FAX/ photocopy shops, tailoring shops, photographers and colour labs, laundries, cycle shops, compressors for filling air, toy making industry, nickel plating on small scale, restaurants, eating establishments, Government circuit houses/rest houses, guest houses, marriage gardens, farmhouses being used for commercial purposes, book binders, petrol pumps and service stations, HV industrial consumers seeking separate independent LT connection in the same premises of HV industrial connection and other consumers not covered under any other category of LT consumers.

2. Tariff:

Category of Consumers	Units Slab	Fixed Charge (Rs per kWh of Contracted load/Demand)	Energy Charge (Rs. per kWh)
LV-2.1:Non-Domestic (Normal Tariff)	0 – 100 units	Rs. 50 per kW per month - up to 3 kW and	4.00
	101 - 500 units		4.50
	501 and above units	Rs. 100 per kW per month above 3 kW;	6.00
LV-2.2: Non-Domestic Demand Based Tariff (for Contract demand of 15 to 75 kW)		Demand Charges- Rs 180/kW/month on billing demand	5.00

Note:

- i. Fixed charges for LV-2.1 are nontelescopic. For example,if connected load is 5 kW then monthly fixed charges shall be Rs. 500 per month;
- ii. The tariff LV-2.2 will be optional.

- iii. Fixed Charges of LV-2.1 and Demand charge on contract demand of tariff LV-2.2 is a monthly minimum charge whether any energy is consumed during the month or not.

1.1.1.3 LV-3 L.T. Agriculture

1. Applicability

This tariff is applicable to agricultural pumps/tube wells used for irrigation (including drip and sprinkler system) for crops, nursery, horticulture crops (growing vegetables and fruits), floriculture (growing flowers), growing of herbs/medicinal plants and mushroom, jatropha plantation, chaff cutters, thresher, winnowing machines, sugarcane crushers used on agricultural land, lift irrigation pumps/tube wells of State Government or its agencies; water drawn by agriculture pumps used by labour, cattle, and farm houses in the premises of agriculture farms for drinking purposes only and packaging of agriculture produce at farm, khalian etc.

2. Tariff:

Category of Consumers	Fixed Charge	Energy Charge (Rs. per kWh)
LV-3: L.T. Agriculture	Rs. 50/HP/month	2.25

One 40W incandescent bulb/CFL of wattage not exceeding 20W is permitted at or near the motor pump set in the power circuit.

Notes:

- i. All new connections of above 3 HP shall be served only after installation of capacitor of specified rating to maintain power factor of 0.85 & above.
- ii. All pump connections of above 3 HP load not provided with capacitors of specified rating and who do not maintain power factor of 0.85 and above, shall be required to pay surcharge of 35 paise per unit.
- iii. Fixed charge is monthly minimum charge whether any energy is consumed or not during the month.

1.1.1.4 LV- 4 L.T. Agriculture Allied Activities

1. Applicability

This tariff is applicable to pump/tube well connections, other equipment and light and fan for tree plantation, fisheries, hatcheries, poultry farms, dairy, cattle breeding farms, sericulture, tissue culture and aquaculture laboratories and milk chilling plant.

2. Tariff:

Category of Consumers	Fixed Charge	Energy Charge (Rs. per kWh)
LV-4.1: Up to 100 HP or 75 kW	Rs. 100 per HP per month or Rs 135 per kW per month	4.00
LV-4.2: Demand based tariff for contract demand of 15 to 75 kW	Rs. 180 per kW per month on billing demand	3.80

Note:

- i. All connections shall be required to maintain average monthly power factor of 0.85 by providing capacitors of suitable rating, failing which they shall be required to pay surcharge of 35paise per unit.
- ii. For tariff LV-4.1 fixed charge is monthly minimum charge and for tariff LV-4.2 demand charge on contract demand is monthly minimum charge whether any energy is consumed during the month or not.

1.1.1.5 LV-5 L.T. Industry**1. Applicability**

These tariffs are applicable to light and fan and power for industries such as, flour mills, hullers, grinders for grinding masala, power looms, rice mills, dall-mills, oil mills, ice factories, cold storage plants, ice candies; laboratories of engineering colleges, ITIs and polytechnics and industrial institutions; workshops and fabrication shop etc.

2. Tariff:

Category of Consumers		Fixed Charge	Energy Charge (Rs. per kWh)
LV-5: L.T. Industry			
5.1	Flour mills Hullers, power looms, grinders for grinding masalas up to 15 HP	Rs 50/HP/month	2.65
5.2	Other Industries		
5.2.1	Up to 25 HP	Rs 80/HP/month	3.40
5.2.2	Above 25 HP up to 100 HP	Rs 125/HP/month	3.80
5.3	Demand based Tariff- for contract demand of 15 kW to 75kW	Demand charges- Rs. 180/kW/month on billing demand	4.00

Notes:

- i. Demand based tariff-5.3 is applicable for maximum contracted demand from 15 kW to 75 kW.
- ii. For tariff LV 5.1 and LV 5.2 fixed charge is monthly minimum charge and for tariff 5.3 the Demand charge on contract demand is a monthly minimum charge whether any energy is consumed during the month or not.

1.1.1.6 LV-6 Public Utilities**1. Applicability**

This tariff is applicable to public utilities such as water supply schemes, sewage treatment plants and sewage pumping installations, crematorium, traffic signals and lighting of public streets including public parks and archaeological and other monuments when requisition for supply is made by Public Health Engineering

Department, local bodies, Gram Panchayats or any organization made responsible by the Government to maintain these services.

2. Tariff:

Category of Consumers	Fixed Charge	Energy Charge (Rs. per kWh)
LV-6: Public utilities Public street light and water works	Rs. 100/HP/month or Rs. 135/kW/month	3.50

Note:

Fixed charge is monthly minimum charge whether any energy is consumed during the month or not.

1.1.1.7 LT Temporary Supply

1. Applicability

This tariff is for connections temporary in nature. The tariff applicable shall be as given in the respective category of consumer.

Temporary supply cannot be demanded by a prospective consumer as a matter of right but will normally be arranged by the licensee when a requisition is made subject to technical feasibility.

2. Tariff:

Fixed charge and energy charge to be billed at one and half times the normal tariff as applicable to the corresponding consumer categories.

Notes:

- i. An amount equal to estimated bill for 3 months or for the period of temporary connection requisitioned whichever is less is payable before serving the temporary connection subject to replenishment from time to time and adjustment in the last bill after disconnection.
- ii. No temporary connection shall be served without a meter. Agricultural connections shall also be billed one and half times of metered supply tariff (LV-3).
- iii. Connection and disconnection charge shall be paid as per the schedule of miscellaneous charges.
- iv. No rebates/concessions under any head shall be applicable to temporary connections.
- v. A month for the purpose of billing of temporary supply shall mean 30 days from the date of connection or part thereof.
- vi. In case connected load/maximum demand is found more than contracted load/contract demand, then the billing of excess load/supply shall be done for the amount calculated as per the clause 8 of the terms & conditions of LT tariff.

- vii. Any expenditure made by the licensee for providing temporary supply upto the point of supply, shall be paid for by the consumer as per prescribed procedure.
- viii. Temporary connections shall not be served unless suitable capacitors, wherever applicable, are installed so as to ensure power factor of not less than 0.85 lagging.
- ix. Surcharge at the rate of 2% per month or part thereof on the outstanding amount of the bill shall be payable in addition, from the due date of payment of bill, if the Bill is not paid by the consumer within the period prescribed.

1.1.2 Terms and Conditions of L.T. Tariff

1. Energy will be supplied to the consumer ordinarily at a single point for the entire premises of the consumer.
2. No new L.T. connection above 75 kW of contract demand/100 HP of contracted load shall be served.
3. All existing L.T. connections with contracted load above 100 HP(75KW) which have not availed H.T. supply so far, shall be levied 35% additional charge on total amount of monthly bill comprising fixed charge/demand charge and energy charge.
4. Contracted load/connected load or contract demand/maximum demand infraction shall be rounded off to the next whole number.
5. For the purpose of separate independent LT connection to HV industrial consumer in the same premises of HV industrial connection, to meet out its essential load during emergency on non-availability of supply in HV connection under LV 2 category conditions as mentioned in clause 4.40 of the Chhattisgarh State Electricity Supply Code and its amendment if any shall be applicable.
6. For the purpose of Demand Based Tariff (LV-2.2. LV-4.2 & LV-5.3)
 - i. **Determination of Maximum Demand-** The maximum demand of the consumer in each month shall be twice the largest amount of Kilo Watt hours delivered at the point of supply of the consumer, during any consecutive thirty minutes, in that month.
 - ii. **Billing Demand-** The billing demand for the month shall be the actual maximum KW demand of the consumer recorded during the month or 75% of the contract demand or 15 kW, whichever is higher. The billing demand shall be rounded off to the next whole number.
 - iii. **Minimum Charge** – The demand charge on contract demand (CD) is a monthly minimum charge whether any energy is consumed during the month or not.
 - iv. There shall be no restriction on connected load for applicability of demand based tariff.

7. Peak Hour Charges

All LV-2 (Non-Domestic) and LV-5 (LT Industrial) consumers having a contracted load/Demand of 50 HP or 37 kW and above shall be required to pay 130% of normal rate of energy charges for the energy consumed during peak hours i.e. 6 P.M. to 11P.M.

8. Power Factor Incentive and Surcharge

- a) All LT industrial, agriculture allied, and public water works, sewage treatment plants and sewage pumping installations consumers shall arrange to install suitable low tension capacitors of appropriate capacity at their cost. The consumer also shall ensure that the capacitors installed by him properly match with the actual requirement of the load so as to ensure average monthly power factor of 85% or above. A consumer who fails to do so shall be liable to pay power factor surcharge @ 35paise per unit on the entire consumption of the month.
- b) All the agriculture pump connections of above 3HP shall provide with capacitor of specified rating maintain average monthly power factor of 0.85 or above failing which they are required to pay power factor surcharge @ 35paise per kWh on the entire consumption for the month.
- c) All LT non-domestic consumers with contracted load/connected load of 15 kW or above shall arrange to install low tension suitable capacitors of appropriate capacity at their cost. The consumer shall ensure that the capacitors installed by him properly match with the actual requirement of the load so as to ensure average monthly power factor of 85% or above. A consumer who fails to do so will be liable to pay low power factor surcharge @ 35paise per kWh on the entire consumption of the month.
- d) All LT installations having welding transformer are required to install suitable capacitor(s) so as to ensure power factor of not less than 85%. Consumers not complying with the above shall have to pay surcharge of 75 paise per kWh on the entire monthly consumption, provided the load of the welding transformer(s) exceeds 25% of the total connected load.

Note - For the purposes of computing the connected load in kW of welding transformers, a power factor of 0.6 shall be applied to the kVA rating of such welding transformers. The kVA rating can also be calculated on the basis of load voltage and maximum load current on secondary side of welding machine.

- e) The average monthly power factor recorded in the meter shall be considered for billing of power factor surcharge or power factor incentive, as the case maybe.
- f) Levy of power factor surcharge as indicated above, shall be without prejudice to the rights of the CSPDCL to disconnect the consumer's installation after issue of 15 days' notice if the average monthly power factor remains 0.7 or below for a period of more than two consecutive months. It shall remain disconnected till the consumer makes suitable arrangements to improve the power factor to the satisfaction of the CSPDCL.
- g) Notwithstanding the above the average monthly power factor of a new consumer is found to be less than 85% at any time during the first six months from the date of connection and if he maintains average monthly power factor continuously in subsequent three months at not less than 85% then the surcharge billed on account of low power factor during the said period shall be withdrawn and credited in next month bill.
- h) All categories of LT consumers except the LT domestic consumers in whose case power factor surcharge is applicable; shall also be eligible for power factor incentive. Such incentive shall be payable@ of 10 paise per unit on the entire

consumption of that month in which he maintains an average monthly power factor equal or above 90% and @ 15 paise per unit of entire consumption of that month in which he maintains an average monthly power factor 95% or above.

9. Provisions of billing in case of Excess Supply

i. For Normal Tariff consumers

1. In case the connected load of any LT consumer, except the domestic (LV-1) consumers, is found at any time in excess of contracted load, the consumer shall have to pay charges at tariff (fixed and energy charge) corresponding to the excess load at the rate of one and halftimes the normal tariff for the excess load to the extent of 20% of contracted load and at the rate of two times of the normal tariff if the excess load is found beyond 20% of contracted load for actual period of enhancement of load or 6 months whichever is less, including the month in which the existence of excess load is detected and shall be continued to be billed till excess load is removed or contract load is enhanced.

2. Where the recording facility of demand is available the billing on account of excess supply should be restricted to the recorded month only.

ii. For Demand Based tariff consumers

Consumers availing supply at demand based tariff (LV-5.3/LV-4.2/LV- 2.2.) should at all-time restrict their maximum demand to the contract demand. In case the maximum demand in any month exceeds the contract demand, the said demand based tariff (LV-5.3/LV-4.2/LV- 2.2) shall apply only to the extent of the contract demand and corresponding units of energy. The demand in excess of contract demand and corresponding units of energy shall be treated as excess supply. The excess supply so availed, in any month, shall be charged at the rate of one and half times of the normal tariff applicable to the consumer (fixed and energy charges) for the excess demand to the extent of 20% of contract demand and at the rate of two times of normal tariff if the excess demand is found beyond 20% of contract demand. For the purpose of billing of excess supply, the billing demand and the units of energy shall be determined as under:

a) Billing Demand: The demand in excess of the contract demand in any month shall be the billing demand.

b) Units of Energy: the units of energy corresponding to KW portion of the demand in excess of the contract demand shall be:-

$$EU = TU (1 - CD/MD)$$

Where

EU – denotes excess units;

TU – denotes total units supplied during the month;

CD – denotes contract demand, and

MD – denotes actual maximum demand.,

- I. The excess supply availed in any month shall be charged along with the monthly bill and shall be payable accordingly.
- II. The above billing of excess supply at one and half times/ two times of the normal tariff shall be applicable to consumers without prejudice to the CSPDCL's right to discontinue supply in accordance with the provisions contained in the Chhattisgarh State Electricity Supply Code, 2011.

10. Delayed Payment Surcharge

If the bill is not paid by the consumer within the period (due date) prescribed for

payment of the bill, a surcharge @ 1.5% per month or part thereof, on the total outstanding amount of the bill (including arrears, if any, but excluding amount of surcharge), subject to minimum of Rs. 5 shall be payable in addition, from the due date of payment as mentioned in the bill.

11. Additional charges

Every local body shall pay an additional charge equivalent to any tax or fee levied by it under the provisions of any law including the Corporation Act, District Municipalities Act or Gram Panchayat Act on the poles, lines, transformers and other installations through which the local body receives supply.

12. Advance Payment Rebate

A rebate @ 0.5% per month will be payable on net amount of advance at the end of the billing cycle of that particular month, subject to the condition that the net amount of advance is not less than Rs. 500, and shall be adjustable in next month's bill.

13. Rounding off

The bill shall be rounded off to the nearest multiple of Rs.10. Difference, if any, between the bill amount before and after rounding off, shall be adjusted in next month's bill.

For example: - If the total amount of bill is Rs. 235.00, then the bill shall be rounded off to Rs. 240 and Rs. 5.00 will be credited in next month's bill Whereas if the total amount of bill is Rs. 234.95, then the bill will be rounded off to Rs. 230 and Rs. 4.95 will be debited in next month's bill. In view of the above provision no surcharge will be liveable on outstanding amount which is less than Rs. 10.

14. Applicability of tariff

In case of any dispute about applicability of tariff to a particular LT category, the decision of the Commission shall be final and binding.

15. Tax or Duty

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 in force. Such charges, if any, shall be payable by the consumer in addition to tariff charges.

16. Meter Hire

Meter hire shall be charged as per the schedule of miscellaneous charges to all categories of LT consumers except the consumers of domestic light and fan category. Domestic light and fan category consumer shall not be required to pay such charges.

17. Variable Cost Adjustment Charge

Variable Cost Adjustment charge as per the formula and conditions decided by the Commission, in order dated June 30, 2012 in Suo-motu Petition No. 26 of 2012, its subsequent amendment/modification, if any, shall be levied in addition to energy charge on all the LV categories including temporary supply. However, from the date of applicability of this Order the base values for computation of VCA for succeeding period shall be revised in accordance to this Order.

18. Conditions to have over-riding effect

All the above conditions of tariff shall be applicable to the consumer notwithstanding the provisions, if any, in the agreement entered into by the consumer with the licensee.

1.1.3 Tariff Schedule for Extra High Tension (EHT) Consumers

This tariff schedule is for consumers who avail supply at EHV i.e. at 400/220/132 kV.

1.1.3.1 EHV-1: Railway Traction.

1. Applicability

This tariff is applicable to the Railways, for traction loads only, availing two-phase supply.

2. Tariff:

Category of Consumers	Demand Charge (Rs./kVA/month)	Energy Charge (Rs. per kVAh)
EHV-1	345	4.00

3. Determination of Demand

The maximum demand of the supply in each month shall be four times the largest number of kilo Volt Ampere hours (kVAh) delivered at the point of supply during any consecutive 15 minutes in the month as per the sliding window principle of measurement of demand. 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 availed by the consumer with prior intimation to the licensee, the period of such emergency shall not be taken into account for the purpose of working out the maximum demand.

Provided further that as a result of emergency in the traction sub-station (TSS) or in the transmission line supplying power, if the entire load of the TSS or part thereof is transferred to adjacent TSS, the maximum demand (MD) of the TSS, for the month shall not be taken as less than the average MD recorded for the previous three months during which no emergency had occurred.

4. The conditions of power factor incentive/penalty shall not be applicable as the energy charges are billed on kVAh.

1.1.3.2 EHV-2: Heavy Industries and other Consumers

i. Applicability

1. This tariff is applicable to all types of industries including steel, mines, coal mines, cement industries etc. with a contract demand of above 20 MVA for power, lights, fans, cooling ventilation etc. which shall mean and include all energy consumption in factory; and consumption for residential and general use therein including offices, stores, canteen compound lighting etc.

2. This tariff is also applicable to all other EHV consumers upto contract demand of 20 MVA which are not covered under any other EHV-1 & EHV-3 tariff category including coal mines, mines, cement industries etc. for power, lights, fans, cooling ventilation, etc.

which shall mean and include all energy consumption in factory; and consumption for residential and general use therein including offices, stores, canteen compound lighting, etc.

ii. Tariff:

Category of Consumers	Demand Charge (Rs./kVA/month)	Energy Charge (Rs. per kVAh)
EHV-2	345	4.00

iii. Determination of Demand

The maximum demand in each month shall be four times the largest number of Kilo Volt

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.

- iv. The conditions of power factor incentive/penalty shall not be applicable as the energy charges are billed on kVAh.

1.1.3.3 EHV-3: Steel Industries

1. Applicability

This tariff is applicable to steel industries having contract demand upto 20 MVA, i.e. for mini steel plants, rolling mills, sponge iron plants, ferro alloy units, steel casting units, and combination thereof including wire drawing units with or without galvanizing unit; for power, lights, fans, cooling ventilation etc. which shall mean and include all energy consumption in factory and consumption for residential and general use therein including offices, stores, canteen compound lighting etc.

2. Tariff:

Category of Consumers	Demand Charge (Rs./kVA/month)	Energy Charge (Rs. per kVAh)
EHV- 3	345	3.50

3. Determination of Demand

The maximum demand of the supply in each month shall be four times the largest number of Kilo Volt Ampere hours delivered at the point of supply during any consecutive 15 minutes in the month as per sliding window principle of measurement of demand.

4. The conditions of power factor incentive/penalty shall not be applicable as the energy charges are billed on kVAh.

1.1.4 Tariff Schedule for High Tension (HT) Consumers

This tariff schedule is for consumers who avail supply at 33 or 11 kV.

1.1.4.1 HV-1 Steel Industries

1. Applicability

This tariff is applicable to steel industries i.e. for mini steel plants, rolling mills, sponge iron plants, Ferro alloy units, steel casting units, and combination thereof including wire drawing units with or without galvanizing unit; for power, lights, fans, cooling ventilation etc. which shall mean and include all energy consumption in factory and consumption for residential and general use therein including offices, stores, canteen, compound lighting etc.

2. Tariff:

Category of Consumers	Demand Charge (Rs./kVA/month)	Energy Charge (Rs. per kWh)
HV-1.1: 33 kV	360	3.60
HV-1.2: at 11 kV	370	3.70

Optional Tariff

Option - 1

Category of Consumers	Demand Charge (Rs./kVA/month)	Energy Charge (Rs. per kWh)
HV-1.3 33 kV	200	3.80

Option - 2

Category of Consumers	Demand Charge (Rs./kVA/month)	Energy Charge (Rs. per kWh)
HV-1.4: 33 kV	360	3.30

Note:

- I. The following option 1 and option 2 may be opted by steel industry of this category for one year or revision of next tariff whichever is earlier.
- II. Consumer under this tariff shall be subjected to bear minimum guaranteed payment of electricity bills for demand charges on contract demand and energy charges at 70% load factor on contracted demand with 0.9 PF and Power-on-hours on annualized basis or over the period upto next tariff order whichever is earlier. However, monthly bills shall be raised on the basis of 70% load factor on contracted demand with 0.9 PF or actual consumption basis whichever is more till last but-on month of the period and adjusted for minimum guarantee in the last month of period

- III. Power-on- hours is defined as total hours in the billing period minus hours of load restriction enforced by CSPDCL/ CSPTCL .

3. Determination of Demand

The maximum demand of the supply in each month shall be four times the largest number of Kilo Volt Ampere hours delivered at the point of supply during any consecutive 15 minutes in the month as per sliding window principle of measurement of demand.

1.1.4.2 HV-2: Mines, Cement and other Industries and General Purpose Non Industries :

1. Applicability

1. This tariff is applicable to the mines, coal mines, cement industries, and other industries not covered under categories HV-1, and HV-4 for power, lights, fans, cooling ventilation etc. which shall mean and include all energy consumption in factory and consumption for residential and general use therein including offices, stores, canteen yard lighting etc.

2. This tariff is also applicable for supply to establishment such as Railways (other than traction), hospitals, offices, hotels, shopping malls, power supplied to outside of State (border villages), educational institutions, mixture and/or stone crushers for road/building construction and other institutions etc. having mixed load or non-industrial and/or non-residential load. This tariff is also applicable to all other HT consumers not covered specifically in any other HV tariff category.

2. Tariff:

Category of Consumers	Demand Charge (Rs./kVA/month)	Energy Charge (Rs. per kWh)
HV-2.1 33 kV	360	4.20
HV-2.2: 11 kV	370	4.30

3. Determination of Demand

The maximum demand in each month shall be four times the largest number of Kilo Volt 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.

1.1.4.3 HV-3: Low Load Factor Industries

1. Applicability

This tariff is applicable to all such HT industries to whom tariff category HV-1 and HV-2 may apply but working in day time only i.e., between 6:00 A.M. and 6:00 P.M., as an optional tariff; for power, lights, fans, etc. which shall mean and include all energy consumption in factory and consumption for residential and general use therein. This tariff will be applicable to a consumer who opts for it.

2. Tariff:

Category of Consumers	Demand Charge (Rs./kVA/month)	Energy Charge (Rs. per kWh)
HV 3.1: 33 kV	205	4.20
HV 3.2 : 11 kV	210	4.30

3. Determination of Demand

The maximum demand of supply in each month shall be four times the largest number of Kilo Volt Ampere hours delivered at the point of supply during any consecutive 15 minutes in the month as per sliding window principle of measurement of demand.

4. Conditions for low load factor industries

- i. This tariff is applicable to HT industries, which use power during daytime between 6:00 A.M. and 6:00 P.M. In case, they draw power beyond the time specified, the energy consumed shall be charged at one hundred and thirty percent (1.3 times) of the normal rate of energy charge applicable to the consumer.
- ii. The supply availed beyond specified period in any month shall be charged along with the monthly bill and shall be payable by the consumer.

1.1.4.4 HV-4: Residential, Public water works, Irrigation & Agriculture Allied Activities

1. Applicability

1. This tariff shall be applicable for bulk supply at one point to colonies, multi-storied residential buildings, townships, including townships of industries provided that connected load of non-domestic nature for common basic amenities and other general purpose load put together for the residents shall not be more than 10% of total connected load other than drinking water supply, sewage pumping and street light, public utility water supply schemes, sewerage treatment plants and sewage pumping installations run by P.H.E. Department, local bodies, Gram Panchayat or any organization made responsible by the Government to supply/maintain public water works/sewerage installation including energy used for lighting pump house and

agriculture pump connections, irrigation pumps of lift irrigation schemes of State Government or its agencies/co-operative societies, including energy used for lighting pump house.

2. This tariff is also applicable to the consumer availing supply at HV for the purpose of pump/tube well connections, other equipment for tree plantation fisheries, hatcheries, poultry farms, dairy, cattle breeding farms, sericulture, tissue culture and aquaculture laboratories and milk chilling plant and food processing industries for power, lights, fans, coolers, etc. which shall mean and include all energy consumed in factory, offices, stores, canteen, compound lighting, etc. and residential use therein.

2. Tariff:

Category of Consumers	Demand charge (Rs./kVA/month)	Energy charge (Rs. per kWh)
HV 4.1: 33 kV	360	3.40
HV 4.2 : 11 kV	370	3.50

3. Determination of Demand

The maximum demand of supply in each month shall be two times the largest number of Kilo Volt Ampere hours delivered at the point of supply during any consecutive 30 minutes in the month as per sliding window principle of measurement of demand.

1.1.4.5 HV-5: Start-Up Power Tariff

1. Applicability

The tariff shall be applicable to those consumers who avail supply for start-up power for their power plant (generating station and captive generating plant) at 400/220/132/33/11 kV.

2. Tariff:

Category of Consumers	Demand charge (Rs./kVA/month)	Energy charge (Rs. per kVAh)
HV-5	185	5.90

3. Determination of Demand

The maximum demand of supply in each month shall be four times the largest number of Kilo Volt 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.

4. The conditions of power factor incentive/penalty shall not be applicable as the energy charges are billed on kVAh.

5. Conditions for start-up power consumers

- i. Contract demand shall not exceed 10% of the highest capacity of generating unit of the generating station/captive generating plant
- ii. Captive generating plants which do not have any co-located industrial load and who use the grid for transmission and wheeling of electricity can avail start up-power tariff.
- iii. Captive generating plant who have co-located industrial load are also entitled for start-up power tariff
- iv. Drawl of power shall be restricted to within 10% of load factor based on the contract demand in each month. In case the load factor in a month is recorded beyond 10%, the demand charge shall be charged at double the normal rate. Supply can also be disconnected if the monthly load factor exceeds 10% in any two consecutive months. Load factor shall be computed from contract demand.
- v. Start-up power shall also be made available to the generator/captive generating plant connected to CTU grid with proper accounting.
- vi. This tariff shall also be applicable to generators before their commercial operation.
- vii. In case of generators who have not availed start-up connection but eventually draws power from the grid not more than 30 minutes at one occasion shall be billed @ Rs 10.24 per kWh it as per the average billing rate for this tariff, which includes demand charge also. Drawl beyond 30 minutes shall be bill at @ Rs 20.48 per kWh.
- viii. In case of captive generating plant, which do not have any co-located industrial load and who use the grid for transmission and wheeling of electricity, such CGP's, if they have not availed start-up connection but eventually draws power from the grid not more than 30 minutes at one occasion shall be billed @ Rs. 10.24 per kWh it as per the average billing rate for this tariff, which includes demand charge also. Drawl beyond 30 minutes shall be bill at @ Rs 20.48 per kWh.
- ix. In case of captive generating plant which have co-located industrial load and who have not availed start-up connection but eventually draws power from the grid not more than 30 minutes at one occasion shall be billed @ Rs. 10.24 per kWh it as per the average billing rate for this tariff, which includes demand charge also. Drawl beyond 30 minutes shall be bill at @ Rs 20.48 per kWh.
- x. The existing biomass-based generators are exempted from payment of demand charge for the first five years from the date of availing start-up connection i.e. they are required to pay energy charge only during first five years of availing start-up power and full start-up tariff from sixth year onwards. The new biomass-based

generators who would come under operation during the MYT Control Period are exempted from payment of demand charge for the first five years from the date of commercial operation of their power plant i.e., they will be required to pay energy charge only during first five years from COD and full start-up tariff from sixth year onwards. However, in case during first five years from the date of its connection, if it's actual demand exceeds the contract demand, the billing for that month shall be as per other start-up power consumer exceeding contract demand. In case if the load factor is within 10% but actual demand exceeds the contract demand then also the billing for that month shall be as per other start-up power consumer exceeding contract demand. In case, it is established that the biomass based generator has used biomass in the lesser ratio than as mentioned in the guidelines of the Ministry of New and Renewable Energy during any financial year in first five years from the date of availing start up power tariff then demand charge as per this tariff category (HV-8) shall also become payable for the whole such financial year and such payable amount will be billed in three equal instalments after such happening comes in the notice of the CSPDCL.

1.1.4.6 HV-6: Industries related to manufacturing of equipment for power generation from renewable energy sources

1. Applicability

This tariff is applicable to consumers availing supply at 220/132/33/11 kV for manufacturing of plant, machinery and equipment used for generation of power from renewable sources of energy including for the manufacturing of hydel turbine, generator and related auxiliaries needed for small hydel plants up to 25 MW but excluding manufacturing of boilers, turbines, generators, and the related auxiliaries which otherwise can be used for generation of power from conventional source of energy. This tariff shall also not be applicable for manufacturing of such common machines/equipments/and other items such as electrical motors, structural items, nuts bolts, etc. which can be used for other purposes also.

2. Tariff:

Category of Consumers	Demand charge (Rs./kVA/month)	Energy charge (Rs. per kVAh)
HV-6	345	4.10

3. Determination of Demand

The maximum demand of supply in each month shall be four times the largest number of Kilo Volt 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.

4. The conditions of power factor incentive/penalty shall not be applicable as the energy charges are billed on kVAh.

1.1.4.7 Temporary Connection at EHV and HV

1. Applicability

This tariff is applicable to all EHV and HV connections (other than the consumers availing Start up power Tariff (HV-5)), of temporary nature at 220/132/33/11 kV.

Temporary supply cannot be demanded by a prospective consumer as a matter of right but will normally be arranged by the licensee when a requisition is made subject to technical feasibility.

2. Tariff:

One and half times of the normal Tariff applicable for the corresponding category of consumer for demand and energy charge.

Notes

- i. An amount equal to estimated bill for 3 months or for the period requisitioned, whichever is less; is payable in advance before the temporary connection is served subject to replenishment from time to time and adjustment in the last bill after disconnection.
- ii. If maximum demand is found more than the contract demand in any billing month, the billing shall be done at one and half times / two times of the energy charges and Demand charges as applicable, in case of exceeding contract demand in permanent connection, and shall be calculated as per clause 10 of terms & conditions of EHV and HV tariff.
- iii. Any expenditure made by the CSPDCL up to the point of supply for giving temporary connection shall be payable by the consumer as per prescribed procedure.
- iv. Connection and disconnection charges shall be paid separately.
- v. No rebates/concessions under any head shall be applicable to temporary connections.
- vi. Month for the purpose of billing of temporary supply shall mean 30 days from the date of connection or for part thereof.
- vii. Other terms and conditions of the relevant category of tariff shall also be applicable.
- viii. Surcharge at 2% per month or part thereof on the outstanding amount of the bill shall be payable in addition from the due date of payment of bill, if the bill is not paid by the consumer within the period prescribed.
- ix. Temporary connection shall not be served unless suitable capacitors are installed by the consumer so as to ensure power factor of not less than 0.90, in case of HT connections.

1.1.5 Time of Day Tariff

This tariff is applicable to EHV and HV industrial consumers. Under the Time of Day (TOD) Tariff, electricity consumption and maximum demand in respect of EHV and HV industries for different periods of the day, i.e. normal period, peak load period and off-peak load period, shall be recorded by installing a TOD meter. The maximum demand and consumption recorded in different periods shall be billed at the following rates on the tariff applicable to the consumer:

Period of Use	Normal rate of Demand Charge Plus
(i) Normal period (5:00 a.m. to 6:00 p.m.)	Normal rate of Energy Charges
(ii) Evening peak load period (6:00 p.m. to 11:00 p.m.)	130% of normal rate of Energy Charge
(iii) Off-peak load period (11:00 p.m. to 5:00 am of next day)	85 % of normal rate of Energy Charge

Applicability and Terms and Conditions of TOD tariff:

- i. TOD tariff is applicable to all EHV and HV industries covered in EHV-2, EHV-3, HV-1 including optional tariff , HV-2 and HV-6 categories.
- ii. The terms and conditions of the applicable tariff (such as monthly tariff minimum charge, etc.) shall continue to apply to a consumer to whom TOD tariff is applicable.
- iii. In case, the consumer exceeds the contract demand, the demand in excess and the corresponding energy shall be billed at one and half/two times of the normal tariff applicable for the day time (i.e., 5.00 a.m. to 6.00 p.m.) irrespective of the time of use.

Terms and Conditions of EHV and HV Tariff

1. The maximum and minimum contract demand for different supply voltage is governed as per provision in supply code. Presently, the minimum and maximum permissible load at respective supply voltage are as below:

Supply Voltage	Minimum	Maximum
11 kV	60 kVA	500 kVA
33 kV	60 kVA	15 MVA
132 kV	4 MVA	40 MVA
220 kV	15 MVA	150 MVA

Deviation in contract demand, if any, in respect of the above provisions on account of technical reasons may be permitted with the approval of the Commission and billing shall be done accordingly. The EHV/HV consumers having contract demand exceeding the maximum limit mentioned above for respective voltage of supply shall be liable to pay additional charges at the rate of 5% or energy charges of respective consumer category as specified in clause 10 of terms and conditions of EHV and HV tariff.

1. Point of Supply

Power will be supplied to consumers ordinarily at a single point for the entire premises. In certain categories like coal mines, power may be supplied at more than one point on the request of consumer subject to technical feasibility. HV industrial consumers can avail separate LT supply as per clause 4.40 of the Chhattisgarh State Electricity Supply Code, 2011 in the same premises.

Billing demand

The billing demand for the month shall be the maximum demand (in kVA) of the consumer recorded during the billing month or 75% of the contract demand or 60 kVA whichever is higher except for the consumers who have reduced their contract demand to zero. The billing demand shall be rounded off to the next whole number.

2. Minimum Charge

The demand charge on contract demand (CD) is a monthly minimum charge whether any energy is consumed during the month or not.

3. Power Factor Incentive / Surcharge for all HV category consumers shall be billed on the following terms and condition except of HV-5 and HV-6 category.

a) If the average monthly power factor of the consumer increases above 95%, he shall be paid an incentive at the following rate:

For each one percent increase by which his - average monthly power factor is above 95%, upto unity power factor.	One percent (1%) of the total amount of the bill under the head 'energy charge'.
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b) If the average monthly power factor of the consumer falls below 90%, he shall pay a surcharge in addition to his normal tariff, at the following rate:

For each one percent by which his - average monthly power factor falls below 90% upto 85%	One percent (1%) of the total amount of the bill under the head 'energy charge'
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- c) If average monthly power factor of the consumer falls below 85%, he shall pay a surcharge in addition to his normal tariff at the following rate:

For each one percent by which his-average monthly power factor falls below 85%	Two percent (2%) of the total amount of the bill under the head 'energy charge'
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- d) If the average monthly power factor of the consumer falls below 70%, then the CSPDCL shall have the right to disconnect supply to consumer's installation after serving a notice of 15 days. Supply may be restored only after steps are taken to improve the power factor to the satisfaction of the CSPDCL. This is, however, without prejudice to the levy of surcharge for low power factor in the event of supply not being disconnected.
- e) 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 after decimal, 5 or above in the third place after decimal being rounded off to the next higher figure in the second place after decimal.
- f) Notwithstanding the above, if the average monthly 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, and if he maintains the average monthly power factor continuously in subsequent three months at not less than 90%, then the surcharge billed on account of low power factor during the said period, shall be withdrawn and credited in next month's bill.

4. Rounding off

The amount of EHV and HV energy bill shall be rounded off to the nearest multiple of Rs.10.

For example - the amount of Rs. 12345 will be rounded off to Rs. 12350 & Rs. 12344.95 shall be rounded off to Rs. 12340.

In view of the above provision no surcharge will be leviable on outstanding amount which is less than Rs. 10.

5. Delayed Payment Surcharge

If the bill is not paid by the consumer within the period prescribed (due date) for payment of the bill, a surcharge @ 1.5% per month or part thereof, on the total outstanding amount of the bill (including arrears, if any but excluding amount of surcharge), shall be payable in addition, from the due date of payment as mentioned in the bill.

6. Additional charges for local bodies

Every local body shall pay an additional charge equivalent to any tax or fee levied by it under the provisions of any law including the Corporation Act, District Municipalities Act or Gram Panchayat Act on the poles, lines, transformers and other installations through which the local body receives supply.

7. Advance Payment Rebate

A rebate @ 0.5% per month will be payable on net amount of advance at the end of the billing cycle of that particular month, subject to the net amount of advance is not less than Rs.20,000, and shall be adjustable in next month's bill.

8. Additional Charge for Exceeding Contract Demand

The consumers should restrict their maximum demand to the extent of contract demand. In case the maximum demand during any month exceeds the contract demand, the foregoing tariffs shall apply only to the extent of the contract demand and corresponding units of energy. The demand in excess of contract demand and corresponding units of energy shall be treated as excess supply. The excess supply so availed, if any, in any month shall be charged at one and half times of the normal tariff applicable to the consumer (demand and energy charges) for the excess demand to the extent of 20% of contract demand and at the rate of two times of normal tariff if the excess demand is found beyond 20% of contract demand.

For the purpose of billing of excess supply, the billing demand and the units of energy shall be determined as under:-

i. Billing Demand / Contract Demand:

The demand in excess of the contract demand in any month shall be the billing demand/ contract demand of the excess supply.

ii. Units Energy:

The units of energy corresponding to kVAs of the portion of the demand in excess of the contract demand shall be:

$$EU = TU (1 - CD/MD)$$

Where

EU - denotes units corresponding to excess supply;

TU - denotes total units supplied during the month;

CD - denotes contract demand; and

MD - denotes maximum demand.

The excess supply availed in any month shall be charged along with the monthly bill and shall be payable by the consumer.

The billing of excess supply at one and half times/two times of the normal tariff applicable to consumer is without prejudice to the CSPDCL's right to discontinue the supply in accordance with the provisions contained in the Chhattisgarh State Electricity Supply Code.

iii. No rebates/incentive is payable on such excess supply.

9. Additional Charge

The EHV/HV consumers having contract demand exceeding the maximum limit as prescribed in clause 1 of terms and conditions of EHV & HV tariff with the approval of competent authority shall be levied additional charges at the rate of 5% on energy charges of the respective consumer category.

10. Meter Hire

Meter hire shall be charged as per the schedule of miscellaneous charges to all categories of EHV and HV consumers.

11. Tax or Duty

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/State Government Rules in force. Such charges, if any, shall be payable by the consumer in addition to tariff charges.

12. Variable Cost Adjustment charge

Variable Cost Adjustment charge as per the formula and conditions decided by the Commission in order dated June 30, 2012 in Suo-motu Petition No. 26 of 2012 and its subsequent amendment/modification from time to time shall be levied in addition to energy charge on all the EHV and HV categories.

13. Dispute on applicability of tariff

In case of any dispute on applicability of tariff on a particular category of HV/EHV industry/ consumer, the decision of the Commission shall be final and binding.

Notwithstanding the provisions, if any, contrary to the agreement entered into by the consumer with the CSPDCL, all conditions prescribed herein shall be applicable to the consumer.

14. Parallel Operation Charges (POC)

Parallel operation charges shall be payable by CPP to CSPDCL for its captive and non-captive load at the rate Rs.21/per kVA/Month.

15. Open Access Charges

a) Transmission Charges

The long-term and medium-term open access customers including CSPDCL shall be required to pay the annual transmission charges approved by the Commission. Bills shall be raised for transmission charge on monthly basis by the STU (CSPTCL), and

payments shall be made by the beneficiaries and long-term and medium-term open access customers directly to the CSPTCL. These monthly charges shall be shared by the long-term open access customers and medium-term open access customers as per allotted capacity proportionately. The monthly transmission charge is Rs. 50.01 Cr.

For short-term open access customer: Rs. 233/MWh (or Rs. 0.233 per kWh) for the energy computed as per the provisions made in regulation 33 of the CSERC (Connectivity and Intra State Open access) Regulations, 2011 and its subsequent amendment(s)/revision, if any, at 100% load factor for transmission. The same charges shall be applicable for both collective and bilateral transaction at the point or points of injection

b) Energy losses for transmission

Transmission losses at the rate of 4.30% for the energy scheduled for transmission at the point or points of injection shall be recoverable from open access customers.

c) Wheeling Charges

For long-term, medium-term and short-term open access customer: Rs. 221/MWh (or Rs. 0.221 per kWh) for the energy computed as per the provisions made in regulation 33 of the CSERC (Connectivity and Intra State Open access) Regulations, 2011 and its subsequent amendment(s)/revision, if any, at 100% load factor for wheeling. The same charges shall be applicable for both collective and bilateral transaction at the point of injection.

d) Energy losses for distribution

Distribution losses at the rate of 6 % for the energy scheduled for distribution at the point or points of injection at 33 kV side of 33/11 kV sub-station.

e) Operating Charges

The short-term open access customer shall pay the operation charges to SLDC at the rates specified by Central Commission from time to time which is presently Rs. 2000 per day.

f) Reactive Energy Charges

Reactive energy charges shall be levied at the rate of 27 paise/kVARh

g) Cross Subsidy Surcharge

- i. For EHT consumers Rs. 1.530 per kWh (which is 90% of the computed value of Rs. 1.700 per kWh).
- ii. For HT consumers Rs. 1.026 per kWh (which is 90% of the computed value of Rs. 1.140 per kWh).

h) Stand by charges

The standby charges for consumers availing open access (using transmission and/or distribution system of licensee) and who draws power from the grid up to the

contracted capacity of open access during the outage of generating plant/CPP shall be 1.5 times of the per kWh weighted average tariff of HT and EHT consumers which is Rs 7.76 per kWh (1.5 times of the average billing rate of Rs.5.17 per kWh). For drawl of power in excess of the contracted capacity of open access, the tariff for availing stand by support from the grid shall be two times of the per unit weighted average tariff of HT and EHT consumers which is Rs 10.35 Per kWh (2 times of the average billing rate of Rs. 5.17 per kWh). Further, in case of outage of CPP supplying power to captive/non captive consumer who has reduced its contract demand to zero and also availed open access draws power of CSPDCL the billing of such power drawn shall be done as per the standby charges mentioned above.

Note: The settlement of energy at drawl point in respect of consumers availing open access and when the generator is on outage shall be governed by (intra-State ABT, UI charge and related matters) Regulations to be notified by the Commission and as amended from time to time. Till that time provisions of this order in the matter shall prevail

16. Provisions for renewable energy based power generating plant located in the State and supplying power to consumers (located in the State) through open access.

The charges related to transmission and wheeling shall be 6 % of the energy input into the system for the consumer using State grid for procuring power from renewable energy based power generating stations located in the State. Other than these charges, they shall not be required to pay any transmission charges or wheeling charges either in cash or kind.

For open access consumers procuring power from renewable energy based power generating plant, the cross subsidy surcharge payable shall be 50% of the cross subsidy surcharge determined for that year.

- i. For EHT consumers Rs 0.850 per kWh (which is 50% of the computed value of Rs 1.700 per kWh).
- ii. For HT consumers Rs. 0.570 per kWh (which is 50% of the computed value of Rs 1.140 per kWh).

In case of open access consumer drawing power from biomass based power generating plants, if it is established that the biomass based power generating plants supplying power to such open access consumer has used biomass in the lesser ratio than as mentioned in the guidelines of the Ministry of New and Renewable Energy during any financial year then the relaxations at (i) and (ii) above given to the open access consumer shall be treated as withdrawn for that financial year and the biomass generator shall be liable to pay to CSPDCL full open access charges.
