



**BIHAR STATE ELECTRICITY BOARD
PATNA**

TARIFF

Effective from 01-12-2010

Preface

The Bihar Electricity Regulatory Commission in exercise of the powers vested under section 62 (l)(d) read with section 63(3) and section 64(3)(a) of the Electricity Act 2003 and other enabling provisions has issued order determining the Aggregate Revenue Requirement (ARR) and the Retail Tariff for the financial year 2010-11 for the supply of electricity by the Bihar State Electricity Board to the consumers in the whole state of Bihar.

The approved tariff rates have been made effective from 01.12.2010 and shall remain in force till the next tariff order of the commission. Accordingly energy bills for the consumption during December 2010 shall be issued in January 2011 as per revised tariff.

For general terms and conditions of electricity supply to consumers/new applicant, may please refer "Bihar Electricity Supply Code 2007" issued by the commission and published in Bihar Gazette on 10th January 2008.

SCHEDULE

FOR RETAIL TARIFF RATES AND TERMS AND CONDITIONS OF SUPPLY FOR FY 2010-11

(Effective from 01.12.2010)

PART - A : LOW TENSION SUPPLY

System of supply: Low Tension – Alternating Current, 50 cycles

Single Phase supply at 230 Volts

Three Phase supply at 400 Volts

The tariffs are applicable for supply of electricity to L.T consumers with a connected load upto 60 kW for domestic and non-domestic category, upto 99 HP for industrial (LTIS) and for public water works (PWS) category and upto 100 HP for irrigation category.

Single Phase supply upto 5.0 kW

Three Phase supply 5.0 kW and above

CATEGORY OF SERVICE AND TARIFF RATES

1.0 DOMESTIC SERVICE

Applicability

Applicable for supply of electricity to domestic purposes such as lights, fans, radios, televisions, heaters, air-conditioners, washing machines, air-coolers, geysers, refrigerators, ovens, mixers and other domestic appliances including motor pumps for lifting water for domestic purposes. This is also applicable to the common facilities in the multistoried, purely residential apartments, buildings.

1.1 Kutir Jyoti Connection (KJ) – Rural / Urban

This will be applicable to (i) all huts (Kutir) and dwelling houses of rural and urban poor Below the Poverty Line (BPL) (ii) houses built under schemes like Indira Awas Yojana and similar such schemes.

- i) Hut (Kutir) is meant a living place with mud wall and thatched roof or house built under Indira Awas Yojana and other similar schemes which shall not exceed 200 Sq ft area.

- ii) Not more than 30 watts C.F. Lamps both in rural areas and urban areas will be permitted in each hut / living place and maximum consumption upto 30 units per month.
- iii) **In case it is detected that the norms prescribed in para (i) and (ii) above are violated, the Kutir Jyoti Tariff shall immediately become inoperative and rates applicable to DS – I, II category with appropriate penal charge shall apply in such cases.**

1.2 Domestic Service – I (DS – I)

Applicable to domestic premises in rural areas for a load upto 2 kW not covered by areas indicated under DS-II and not being fed from urban / town feeders.

1.3 Domestic Service – II (DS – II)

Applicable for domestic premises in urban areas covered by Notified area committee / Municipality / Municipal Corporation / Development Authority / All District and Sub divisional towns / Block Head Quarters / Industrial areas /Contiguous Sub urban areas and also areas getting power from Urban / Town feeders for single phase supply for load upto 5 kW and three phase supply for load of 5 kW and above. Rural consumers having sanctioned load above 2 kW will come under this category. Consumer has the option to take 1-phase or 3-phase supply connection for a load of 5KW.

1.4 Domestic Service – III (DS – III)

Applicable for registered societies, for their residential colonies, having not less than 15 houses / flats in the colony. Residential colonies / multistoried residential complexes taking load in bulk at a single point with a minimum load of 2 kW per flat / house and maximum total load upto 60 kW.

TARIFF RATES

1.0 DOMESTIC SERVICE

	Category of consumer		Fixed charge (Rs.)	Energy charge (Ps / Unit.)
1.1	Kutir Jyoti - BPL Consumers			
	i.	K.J. (Rural) upto 30 watts C.F. Lamps (Consumption upto 30 units per month)	Rs.35 / connection / per month	x
		i. Unmetered		120 Ps/unit subject to Monthly Minimum Charge of Rs.25 per month per connection.
	ii.	K.J. (Urban) upto 30 watts C.F. Lamps (consumption upto 30 units per month)	x	150 Ps/unit subject to Monthly Minimum Charge of Rs.35 per connection per month.
		Metered only		

No Fuel and Power Purchase cost Adjustment (FPPCA) charges applicable.

	Category of consumer	Fixed charge (Rs.)	Energy charges	
			Consumption in a month (Units)	Rate P/unit
1.2	DS – I Connected load: Upto 2 kW only			
	Unmetered Connected load: upto 1kW	Rs.90/connection/ per month	x	x
	Connected load: above 1kW upto 2 kW	Rs.130/connection /per month		
	Metered	x	First 50 units	135
			51-100 units	160
			Above 100 units	180
		x	Subject to monthly minimum charge of 1 st kW – 40 units per month 2 nd kW – 20 units per month	

Fuel and Power Purchase cost Adjustment (FPPCA) charges as applicable will be charged extra.

	Category of consumer	Fixed charge (Rs.)	Energy charges	
			Consumption in a month (Units)	Rate Ps/unit
1.3	DS – II (Metered)			
	Single phase Up to 5 kW	First kw-Rs.30/ month/connection Addl. kW-Rs.10/- kW or part thereof per month.	1-100 units 101-200 units 201-300 units Above 300 units	220 270 325 405
	Three Phase 5 kW and above	5 kW-Rs.200/ month/connection Addl. kW-Rs.10/ per kW or part thereof per month		
			Subject to monthly minimum charge of 1 st kW - 40 units per month Additional kW or part thereof - 20 units per month	

Fuel and Power Purchase Cost Adjustment (FPPCA) charges as applicable will be charged extra.

OPTIONAL

Domestic - DS-II (A) – Demand Based

All those consumer under DS-II category with 3 phase meter connection with contract demand between 5 kW and 60 kW opting for demand based tariff shall be required to pay at the rates indicated below:

	Category of consumer	Demand charge (Rs./kW/month)	Energy charges	
			Consumption in a month (Units)	Rate Ps/unit
1.3.1	DS-II (A)- (OPTIONAL) Demand Based Tariff			
	Contracted demand of 5 kW to 60 kW	Rs. 50/kW per month or part there of on recorded demand or contract demand whichever is higher.	1-100 units 101-200 units 201-300 units Above 300 units	220 270 325 405
		Subject to (i) Monthly minimum charge of 50 units per month/kW on recorded demand or contract demand, whichever is higher. (ii) If in any month the recorded maximum demand exceeds 110% of the contract demand, that portion of the demand in excess of the contract demand will be billed at twice the normal rate.		

Fuel and Power Purchase Cost Adjustment (FPPCA) charges as applicable will be charged extra.

	Category of consumer	Fixed charge (Rs.)	Energy charges	
			Consumption in a month (Units)	Rate (Ps/unit)
1.4	DS – III (Metered)	Rs. 30/- kW/ month	All units	280
			Subject to monthly minimum charge 1 st kW – 40 units / flat per month Additional kW or part thereof – 20 units/flat per month	

FPPCA as applicable will be charged extra.

2.0 NON-DOMESTIC SERVICE (NDS)

Applicability

Applicable for supply of electrical energy for non domestic consumers having sanctioned load upto 60 kW, using electrical energy for light, fan and power loads for non – domestic purposes like shops, hospitals, nursing homes, clinics, dispensaries, restaurants, hotels, clubs, guest houses, marriage houses, public halls, show rooms, centrally air-conditioning units, offices, commercial establishments, cinemas, X-ray plants, Non – Government schools, colleges, libraries and research institutes, boarding / lodging houses, libraries, railway stations, fuel – oil stations, service stations, All India Radio / T.V. installations, printing presses, commercial trusts, societies, banks, theatres, circus, coaching institutes, common facilities in multistoried commercial office / buildings Government and Semi – Government Offices, Public Museums and other installations not covered under any other tariff schedule.

Government educational institutions, their hostels and libraries, Government hospitals and Govt. research institutions and non – profitable Government aided educational institutions their hostels and libraries.

Non-profitable recognized charitable cum public institutions.

Places of worship like temples, mosques, gurudwaras, churches etc. and burial / crematorium grounds.

2.1 Non – Domestic Service (NDS-I)

Applicable to loads upto 2 kW in rural areas not covered by areas indicated under NDS – II and not being fed from urban / town feeders.

Tariff Rates – NDS-I

		Fixed charge (Rs.)	Energy charges	
			Consumption in a month (Units)	Rate P/unit
	Unmetered			
	Connected Load Upto 500 W (0.5kW)	Rs.115/connection/ per month	x	x
	Above 0.5 kW upto1 kW	Rs.135/connection per month	x	x
	Above 1 kW upto 2 kW	Rs.175/connection/ per month	x	x
	Metered	x	1-100 units	145
		x	101-200 units	165
		x	Above 200 units	205
		x	Subject to monthly minimum charge for Load upto 500 watts – 30 units Above 0.5 kW and upto 1 kW – 50 units Above 1 kW – 70 units	

FPPCA charges as applicable will be charged extra.

2.2 Non – Domestic Service – NDS – II (Metered)

Applicable to loads upto 60 kW in urban areas covered by Notified Area Committee / Municipality / Corporation / Development Authority / All District and Sub – divisional towns / Block Head quarters / Industrial areas / contiguous sub urban areas getting power from urban / town feeders, except those covered under NDS-III.

Rural consumers having sanctioned load above 2 kW will also come under this category.

Tariff Rates – NDS-II

Fixed charge (Rs.) Per month	Energy charges	
	Consumption in a month (Units)	Rate P/unit
Single phase Rs.140 /kW or part thereof upto 5 Kw	1-100 units	425
	101-200 units	455
	Above 200 units	485
Three Phase Rs.170/kW or part thereof for loads 5 kW and above		
	Subject to a monthly minimum charge of 50 units/kW or part thereof	

FPPCA charges as applicable will be charged extra.

OPTIONAL

2.2.1 Non-Domestic Service - NDS – II (A) – Demand Based

All those consumers under NDS-II with 3 phase supply and contract demand between 5 kW and 60 kW opting for demand based tariff shall be required to pay at the rates indicated below:

	Category of consumer	Demand charge (Rs./kW/month)	Energy charges	
			Consumption in a month (Units)	Rate Ps/unit
2.2.1	NDS-II (A) – (OPTIONAL) Demand Based Tariff	Rs. 240/kW per month or part thereof on recorded demand or contract demand whichever is higher.	1-100 units 101-200 units Above 200 units	425 455 485
<p>Subject to</p> <ul style="list-style-type: none"> (i) Monthly minimum charge of 70 units per month/kW on recorded demand or contract demand, whichever is higher. (ii) If in any month the recorded maximum demand exceeds 110% of contract demand, that portion of the demand in excess of the contract demand will be billed at twice the normal rate. 				

Fuel and Power Purchase Cost Adjustment (FPPCA) charges as applicable will be charged extra.

2.3 Non-Domestic Service - NDS – III (Metered)

Applicable for places of worship like temples, mosques, gurudwaras, churches etc. and burial / crematorium grounds. If any portion of the premises is used for commercial purposes, a separate connection shall be taken for that portion and NDS-II tariff schedule shall be applicable for that service.

Tariff Rates-NDS-III

Fixed charge (Rs.)	Energy charges	
	Consumption in a month (Units)	Rate P/unit
Rs.45 /kW with minimum of Rs.165 per connection / month For load upto 30 KW.	1-100 units	215
	101-200 units	280
	Above 200 units	335
	Subject to monthly minimum charge of 50 units/kW or part thereof.	

FPPCA charges as applicable will be charged extra.

OPTIONAL

2.3.1 Non-Domestic Service - NDS – III (A) – Demand Based

All those consumers under NDS-III category with 3 phase supply and with contract demand between 5 kW and 30 kW opting for demand based tariff shall be required to pay at the rates indicated below:

	Category of consumer	Demand charge (Rs./kW)	Energy charges	
			Consumption in a month (Units)	Rate Ps/unit
2.3.1	NDS-III (A) – (OPTIONAL) Demand Based Tariff			
	Contract demand of 5 kW to 30 kW	Rs. 70/kW per month or part thereof on recorded demand or contract demand whichever is higher.	1-100 units	215
			101-200 units	280
			Above 200 units	335
	Subject to			
	(i) Monthly minimum charge of 70 units per month/kW on recorded demand or contract demand, whichever is higher. (ii) If in any month the recorded maximum demand exceeds 110% of contract demand, that portion of the demand in excess of the contract demand will be billed at twice the normal rate.			

Fuel and Power Purchase Cost Adjustment (FPPCA) charges as applicable will be charged extra.

3.0 IRRIGATION and AGRICULTURAL SERVICE (IAS)

Applicability

Applicable for supply of electrical energy for bona fide use for Agricultural purposes including Processing of Agricultural Produce, confined to Chaff - Cutter, Thrasher, Cane crusher and Rice Hauler when operated by the agriculturist in the field or farm and does not include rice mills, flour mills, oil mills, dal mills or expellers. This is also applicable to hatcheries, poultries (with more than 1000 birds) and fisheries (Fish ponds).

3.1 IAS - I

Applicable for all purposes indicated above including Private Tube wells.

Tariff Rates

Unmetered Supply

Rural feeder - Rs.100 / HP per month
Urban feeder - Rs.120 /HP per month

Note: Hatcheries, poultries and fisheries are not covered under unmetered supply they have to be metered only.

Metered supply

All units

Rural feeder – 80 Ps/unit
Urban feeder – 130 Ps/unit
Subject to monthly minimum energy charges of –
Rural feeder - Rs. 75/HP per month
Urban feeder - Rs.120/HP per month
No FPPCA charges applicable.

3.2 IAS – II

Applicable to State Tube Wells / State lift irrigation pumps / State Irrigation pumps upto 100 HP.

Unmetered Supply

Rural feeders - Rs.450 /HP per month
Urban feeders - Rs.480/HP per month

Metered supply

- Rural feeder – 155 Ps/unit
- Urban feeder – 205 Ps/unit

Subject to a monthly minimum energy charge of 225 units /HP per month.

FPPCA charges as applicable will be charged extra.

4.0 LOW TENSION INDUSTRIAL SERVICE (LTIS)

Applicability

The tariff is applicable for supply of electricity to low tension industrial consumers with a connected load upto 99 HP and below including incidental lighting for industrial processing or Agro – industries purposes, Arc welding sets, Flour Mills, Oil Mills, Rice Mills, Dal Mills, Atta Chakki, Hauler. Expellers etc.

4.1 LTIS-I (Connected load upto 25 HP)

Tariff Rates

Fixed charge (Rs.)	Energy charges	
	Consumption in a month (Units)	Rate (Ps/unit)
Rs.65/HP or part thereof / per month	All units	420
	Subject to monthly minimum charge of 70 units/HP or part thereof.	

FPPCA charges as applicable will be charged etc.

OPTIONAL

4.1.1 LTIS-I (A) Contracted demand 5 kW to 15 kW - Demand Based Tariff

All those consumers under LTS-I category with 3 phase supply and with contract demand 5 kW to 15 kW opting for demand based tariff shall be required to pay at the rates indicated below:

	Category of consumer	Demand charge (Rs./kW)	Energy charges	
			Consumption in a month (Units)	Rate Ps/unit
4.1.1	LTIS-I (A) (Demand Based Tariff) (OPTIONAL)			
	Contract demand 5 kW to 15 kW	Rs. 130/kW per month or part thereof on recorded demand or contract demand whichever is higher.	All units	420
<p>Subject to</p> <ul style="list-style-type: none"> (i) Monthly minimum charge of 125 units per month/kW on recorded demand or contract demand, whichever is higher. (ii) If in any month the recorded maximum demand exceeds 110% of contract demand, that portion of the demand in excess of the contract demand will be billed at twice the normal rate. 				

Fuel and Power Purchase Cost Adjustment (FPPCA) charges as applicable will be charged extra.

4.2 LTIS-II (Connected load above 25 HP and upto 99 HP).

	Fixed charge (Rs.)	Energy charges	
		Consumption in a month (Units)	Rate (Ps/unit)
	Rs.85/HP or part thereof per month	All units	435
	Subject to monthly minimum charge of 100 units/HP or part thereof.		

FPPCA charges as applicable will be charged extra.

Consumers with a connected load above 79 HP and upto 99 HP have option to avail power under LTIS / HTS category.

OPTIONAL

4.2.1 LTIS-II (A) (Contract demand above 15 kW and upto 60 kW – Demand Based Tariff)

All those consumers under LTS-II category with 3 phase supply and with contract demand above 15 kW and upto 60 kW opting for demand based tariff shall be required to pay at the rates indicated below:

	Category of consumer	Demand charge (Rs./kW)	Energy charges	
			Consumption in a month (Units)	Rate Ps/unit
4.2.1	LTIS-II (A) (Demand Based Tariff) (OPTIONAL)			
	Contract demand above 15 kW and upto 60 kW	Rs. 150/kW per month or part thereof on recorded demand or contract demand whichever is higher.	All units	435
	Subject to (i) Monthly minimum charge of 180 units per month/kW on recorded demand or contract demand, whichever is higher. (ii) If in any month the recorded maximum demand exceeds 110% of contract demand, that portion of the demand in excess of the contract demand will be billed at twice the normal rate.			

Fuel and Power Purchase Cost Adjustment (FPPCA) charges as applicable will be charged extra.

5.0 Public Water Works (Connected load upto 99 HP)

Applicability

The tariff is applicable to Public water works, Sewerage treatment plant and Sewerage pumping stations functioning under State Government and State Government Under takings and local bodies.

Fixed charge (Rs.)	Energy charges	
	Consumption in a month (Units)	Rate (Ps/unit)
Rs. 100/HP or part thereof per month	All units	330
	Subject to monthly minimum charge of 165 units / HP or part thereof.	

FPPCA charges as applicable will be charged extra.

Consumers with a connected load above 79 HP and upto 99 HP have option to avail power under PWS / HTS category.

6.0 STREET LIGHT SERVICES

Applicability

Applicable for supply of electricity for street light system, including signal system in Corporation, Municipality, Notified area, Committees, Panchayats etc. and also in areas not covered by Municipality and Notified Area Committee provided the number of lamps from a point of supply is not less than five. Also applicable for Traffic Lights, Mast lights / Blinkers etc.

Tariff Rates

6.1 SS-I Metered Supply

All units – 345 Ps./unit

Subject to monthly minimum charge of –

- i). Gram Panchayats – 160 units / kW or part thereof.
- ii) For Nagar Palika / NAC / Municipality – 220 units / kW or part thereof.
- iii) For Municipal Corporations – 280 units / kW or part thereof.

FPPCA charges as applicable will be charged extra

6.2 SS-II Unmetered Supply

Fixed Charges

Sl. No.	Light Point Wattage	Gram Panchayat	Nagar Palika / NAC / Municipality	Municipal Corporation
(i)	Upto 100 W	Rs.60/month	Rs.100/month	Rs.110/ month
(ii)	101-250 W	Rs.150/month	Rs.190/ month	Rs. 230/month
(iii)	251-500 W	Rs.300/month	Rs.350/month	Rs. 400/month
	Monthly Minimum Charges per Mast	Rs.1500/month	Rs.1800/month	Rs. 1900/month

Above 500 watts the rates shall be on pro-rata basis of the rates indicated for 100 Watts.

FPPCA charges as applicable will be charged extra.

TERMS AND CONDITIONS OF LOW TENSION TARIFF

The foregoing tariffs are subject to the following conditions.

1. Rebate for prompt payment

The due date for making payment of energy bills or other charges shall be 15 days from the date of issue of the bill. Rebate will be allowed for making payment of energy bills on or before due date specified in the bill as given below:

i.	Kutir Jyoti (Unmetered)	Rs.2/- per connection per month.
ii.	DS-I and NDS-I (Unmetered)	Rs.3/- per connection per month.
iii.	Agricultural and Irrigation pumpsets (Unmetered)	Rs.5/- per HP/month
iv.	Street Lights (Unmetered)	Rs.3/- per connection/month
v.	All metered categories	10 paise per unit, on units billed

In case a consumer makes full payment after due date but within 10 days after the due date, no DPS shall be leviable for this period but rebate for prompt payment will not be admissible.

2. Delayed Payment Surcharge (DPS)

In case a consumer does not pay energy bills in full within 10 days grace period after due date specified in the bill, a delayed payment surcharge of one and half (1.5) percent per month or part thereof on the principal amount of bill will be levied from the due date for payment until the payment is made in full without prejudice to right of the licensee to disconnect the supply in accordance with Section 56 of the Electricity Act, 2003. The licensee shall clearly indicate in the bill itself the total amount, including DPS, payable for different dates after the due date after allowing for the grace period of 10 days. No DPS shall be charged on DPS arrear. The bill shall indicate the energy charges for the month, arrears of energy charges and DPS separately.

3. Duties and Taxes

Other statutory levies like electricity duty or any other taxes, duties etc., imposed by the State Government / Central Government or any other competent authority, shall be extra and shall not be part of the tariff as determined under this order.

4. Defective / Damaged / Burnt meters supply

In case of meter being defective / damaged / burnt the Board or the consumer as the case may be shall replace it within the specified period prescribed in "Standards of Performance for Distribution Licensee", Regulations issued by the Commission.

Till defective / damaged / burnt meter is replaced the consumption will be assessed and billed on an average consumption of last 12 months from the date of meter being out of order. Such consumption shall be treated as actual consumption for all practical purposes including calculation of electricity duty until the meter is replaced/rectified.

5. Shunt Capacitor Installation

- a) Every LT consumer including irrigation pump set consumers whose connected load includes induction motor (s) of capacity 3 HP and above and other low power factor consuming appliances shall arrange to install low tension shunt capacitors of appropriate capacity at his cost across terminals of his motor (s). The consumer shall ensure that the capacitors installed by him are properly matched with the actual rating of the motor so as to ensure power factor of 90%.
- b) All LT consumers having welding transformers will be required to install suitable shunt capacitor (s) of adequate capacity so as to ensure power factor of not less than 90%.
- c) The capacitors shall be of standard manufacture and meet the Bureau of Indian Standards specification.
- d) Consumers not complying to above shall be liable to pay a surcharge of 5% (five percent) of the billed amount excluding DPS till the capacitors are installed.
- e) Any LT consumer in whose case, the meter installed has power factor recording feature and who fails to maintain power factor of 90% in any month shall pay a surcharge of 5% (five percent) of the billed amount excluding DPS till the defective capacitors are replaced and power factor of 90% is maintained.
- f) No new supply to LT installations having low power factor consuming equipment such as induction motor of 3 HP and above or welding transformers etc., will be released unless shunt capacitors are installed to the satisfaction of the Board.
- g) The ratings of shunt capacitor to be installed on the motors of different ratings are provided in the "Electric Supply Code" notified by the Commission.

PART - B: HIGH TENSION SUPPLY

7.1 HTS – I (11 kV/6.6 kV)

Applicable for supply of electricity for use in installations with a minimum contract demand of 75 kVA and maximum contract demand of 1500 kVA.

Character of service: AC, 50 cycles, 3 phase at 11 kV or 6.6 kV.

Tariff rates

Demand charge Rs./ kVA / Month of billing demand	Energy charges Paise / kWh
220	All units - 423

- (i) The billing demand shall be the maximum demand recorded during the month or 85% of the contract demand whichever is higher.
- (ii) Minimum base energy charge will be billed on the basis of energy consumption at a load factor of 30% and power factor of 90% on contract demand payable at 423 Ps/unit, monthly.
- (iii) Surcharge of 7.5% will be levied on the demand and energy charges for supply at 6.6 kV.
- (iv) If in any month the recorded maximum demand exceeds 110% of contract demand, that portion of the demand in excess of the contract demand will be billed at twice the normal charges.

FPPCA charges as applicable shall be charged extra.

7.2 HTS – II (33 kV)

Applicable for use in installations with a minimum contract demand of 1000 kVA and maximum contract demand of 10,000 kVA.

Character of service: AC, 50 cycles, 3 phase at 33 kV.

Tariff rates

Demand charge Rs. / kVA / Month of billing demand	Energy charges (Paise / unit)
220	All units - 415

- (i) The billing demand shall be the maximum demand recorded during the month or 85% of the contract demand whichever is higher.
- (ii) Minimum base energy charge will be billed on the basis of energy consumption at a load factor of 35% and PF of 90% on contract demand payable at 415 Ps/unit monthly.

- (iii) If in any month the recorded maximum demand exceeds 110% of contract demand, that portion of the demand in excess of the contract demand will be billed at twice the normal charges.

FPPCA charges as applicable shall be charged extra.

7.3 HTS – III (132 kV)

Applicable for installations with a minimum contract demand of 7.5 MVA.

Character of service: AC, 50 cycles, 3 phase at 132 kV

Tariff rates

Demand charge Rs. / kVA / Month of billing demand	Energy charges (Paise / unit)
220	All units – 410

- (i) The billing demand shall be the maximum demand recorded during the month or 85% of the contract demand whichever is higher.
- (ii) Minimum base energy charge will be billed on the basis of energy consumption at a load factor of 50% and PF of 90% on contract demand payable at 410 Ps/unit, monthly.
- (iii) If in any month the recorded maximum demand of the consumer exceeds 110% of the contract demand, that portion of the demand in excess of the contract demand will be billed at twice the normal charges.

FPPCA charges as applicable shall be charged extra.

7.4 HTSS (33 kV/11 kV)

The tariff is applicable for supply of electricity to all consumers who have contract demand of 300 kVA and more for induction furnace including Ferro Alloy loads. This tariff will not apply to casting units having induction furnace of melting capacity of 500 Kg and below.

The capacity of induction furnace shall be 600 kVA per metric tonne as existing for determining the contract demand of induction furnace in the existing HTSS service connections. However, for new connection and if the furnace is replaced with a new one for the existing connections, the contract demand shall be based on total capacity of the furnace and equipment as per manufacturer technical specifications, and in case of difference of opinion, the provisions of clause Nos. 6.39 and 6.40 of the Bihar Electricity Supply Code shall apply.

Those consumers who are having rolling/re-rolling mill in the same premises will take additional contract demand for the rolling/re-rolling mill over and above the contract demand required for induction furnace. The consumer will have the option to segregate the rolling/re-rolling mill and take separate new connection following all

prescribed formalities with a separate transformer. This new connection, if taken by the consumer will be allowed to be billed in appropriate tariff schedule. Such rolling/re-rolling mill will be allowed to avail power at 33 kV.

Character of service: **AC, 50 cycles, 3 phase at 33 kV or 11kV.**

Tariff rates

Demand charge Rs. / kVA / Month of billing demand	Energy charges (Paise / unit)
700	All units 205

- (i) Minimum monthly charges at Rs. 1233 per kVA of contract demand per month shall be payable on monthly basis. Minimum hours of supply will be 630 hours per month. If for any particular month the hours of supply are less than the minimum assured hours of supply as shown above then the minimum monthly charges for the month will be –

$$\left(\text{Rs. 700} + \frac{\text{Rs. } 533 \times \text{Actual hours of supply}}{630 \text{ (Assured hours of supply)}} \right)$$

- (ii) The billing demand shall be the maximum demand recorded during the month or the contract demand whichever is higher.
- (iii) If in any month the recorded maximum demand of the consumer exceeds 110% of contract demand that portion of the demand in excess of the contract demand will be charged at twice the normal charges.
- (iv) If the power is availed at 11 kV a surcharge of five (5)% will be charged extra on demand **and energy charges.**

FPPCA charges as applicable shall be charged extra.

8.0 Railway Traction Service (RTS)

Applicable to Railway Traction loads only.

Tariff rates at 132 kV

Demand charge Rs. / kVA / Month of billing demand	Energy charges (Paise / unit)
180	All units 438

- (i) 10 Ps/unit of surcharge, is to be billed for availing supply at lower voltages than 132 kV.

- (ii) The billing demand shall be the maximum demand recorded during the month or 85% of the contract demand whichever is higher.
- (iii) The minimum base energy charge will be billed on the basis of energy consumption at a load factor of 25% and PF of 90% on contract demand payable at 438/448 Ps/unit as applicable.

FPPCA charges as applicable shall be charged extra.

Time of Day tariff (TOD)

All HT consumers other than Railway traction have the option to take TOD tariff instead of the normal tariff given in the schedule.

Under the Time of Day (TOD) Tariff, electricity consumption and maximum demand in respect of HT consumers 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.

Time of use	Demand Charges	Energy Charges
(i) Normal period (5:00 a.m. to 5:00 p.m)	Normal Rate	Normal rate of energy charges
(ii) Evening peak load period (5:00 p.m to 11.00 p.m)	Normal Rate	120% of normal rate of energy charges
(iii) Off-peak load period (11:00 p.m to 5:00 a.m)	Normal Rate	85% of normal rate of energy charges

Applicability and Terms and Conditions of TOD tariff:

- (i) TOD tariff will be optional for all HT consumers having contract demand below 200 kVA. TOD tariff will be mandatory for all HT consumers having contracted demand of 200 kVA and above. BSEB shall implement this condition within 3 months from the date of this order.
- (ii) The facility of aforesaid TOD tariff shall not be available to HT consumers having captive power plants and/or availing supply from other sources through wheeling of power.
- (iii) The HT industrial consumers who have installed standby generating plants shall also be eligible for the aforesaid TOD tariff.
- (iv) After electing TOD tariff, if any industrial HT consumer on account of some reasons wants to go back to the earlier tariff according to the agreement, this facility shall be available to him only once in two years.

- (v) If the actual monthly consumption of such HT consumer, whose monthly minimum charges are based on units, is less than minimum consumption, then the difference (deficit) of units between the minimum consumption and actual consumption shall be billed at normal rate of energy charge prescribed for "Normal Period".
- (vi) In the event of applicability of TOD tariff to a consumer, the terms and conditions of the applicable tariff (such as monthly tariff minimum charge, etc.) shall continue to apply.
- (vii) In case, the consumer exceeds 110% of the contract demand, the demand in excess of contract demand shall be billed at twice the normal tariff applicable for the day time i.e. 5:00 a.m. to 5:00 p.m. irrespective of the time of use.

Load Factor Rebate for all HT services

All HT consumers except Railway Traction shall be given rebate for higher consumption as noted below only on excess units consumed.

Category	Load Factor	Rebate on energy charge (only on excess units consumed)
(i) HTS-I (MMC-30% LF)	Above 50%	3%
	Above 60%	4%
	Above 70%	5%
	Above 80%	6%
(ii) HTS-II (MMC-40% LF) and (iii) HTSS (MMC-40% LF)	Above 60%	4%
	Above 70%	5%
	Above 80%	6%
	Above 90%	7%
(iv) HTS-III (MMC-50% LF)	Above 70%	5%
	Above 80%	6%
	Above 90%	7%

TERMS AND CONDITIONS OF HT TARIFF

The foregoing tariffs are subject to the following conditions.

1. Rebate for Prompt Payment

The due date for making payment of energy bills or other charges shall be 15 days from the date of issue of the bill.

The tariff rates are subject to prompt payment rebate of 1 (one) paise per unit on units billed provided the bill is paid by due date specified therein. If the consumer makes full payment after due date but within 10 days after due date, no DPS shall be leviable for this period but rebate for prompt payment will not be admissible.

2. Delayed Payment Surcharge (DPS)

In case of consumer does not pay energy bills in full within 10 days grace period after due date specified in the bill, a delayed payment surcharge of half (0.5)% per week or part thereof on the principal amount of bill will be levied from the original due date for payment until the payment is made in full without prejudice to right of the licensee to disconnect the supply in accordance with Section 56 of the Electricity Act, 2003. The licensee shall clearly indicate in the bill itself the total amount, including DPS, payable for different dates after the due date after allowing for the grace period of 10 days. No DPS shall be charged on DPS arrear.

3. Duties and Taxes

Other statutory levies like electricity duty or any other taxes, duties etc., imposed by the State Government / Central Government or any other competitive authority, shall be extra and shall not form part of the tariff as determined under this order.

4. Power Factor Surcharge

The average power factor (monthly) of the supply shall be maintained by the consumer not less than 0.90.

If the monthly average power factor falls below 90% (0.9) he shall pay a surcharge in addition to his normal tariff at the following rates:

(i). For each fall of 0.01 in power factor upto 0.80	One percent on demand and energy charge
(ii). For each fall of 0.01 in power factor below 0.80	1.5 (one and half) percent on demand and energy charge (Actual Recorded)

If the average power factor falls below 0.70 consecutively for 3 months, the Board reserves the right to disconnect the consumer's service connection without prejudice for the levy of the surcharge.

5. Power Factor Rebate

In case the average power factor (monthly) of the consumer is more than 90% (0.90) a power factor rebate at the following rates shall be allowed.

For each increase of 0.01 in power factor above 0.90 upto 0.95	0.5 (half) percent on demand and energy charge (Actual Recorded)
For each increase of 0.01 in power factor above 0.95	1.0 (one) percent on demand and energy charges. (Actual Recorded)

6 Transformer Capacity

The transformer capacity of HT consumer shall not be more than 150% of the contract demand, consumer found to be utilizing transformer of higher capacity than admissible for his contracted load, will fall under malpractice.

If standard capacity is not available for exact requirement then relaxation in transformer capacity upto 10% extra can be allowed in individual cases on request.

All HT/EHT consumers having contract demand of 200 kVA and above may be allowed to have a stand by transformer, whose capacity shall not be more than the main transformer. The technical/physical arrangement shall be approved by the Board's officer before it is installed. If any consumer violates the condition, then line will be disconnected and standby facility shall be withdrawn.

Considering the special need of the Railway, the RTS consumer may be allowed to have 100% extra i.e. 200% of the contract demand. Stand by transformer may also be allowed, which should not be more than the capacity of the main transformer.

7 Defective / Damaged / Burnt meter replacement

In case of meter being defective / damaged / burnt the Board or the consumer as the case may be shall replace the same within the period specified in "Standards of Performance for Distribution Licensee" Regulations issued by the Commission. Till defective meter is replaced the consumption will be assessed and billed on an average consumption of last 12 months from the date of meter being out of order. Such consumption shall be treated as actual consumption for all practical purposes including calculation of electricity duty until the meter is replaced/rectified.

8. If the actual recorded demand of a consumer exceeds 110% consecutively for three months Board may issue a notice and inform the consumer to get additional contract demand sanctioned or to limit their drawal as per their contract. Otherwise Board will take action as per provisions of the Act/Rules/Regulations.
9. The prevailing practice will continue for determining the contract demand of induction furnaces in the existing services connections. However, for new connections and where the furnaces are replaced in existing connections, contract demand shall be based on the total capacity of the furnace and equipment as per manufacturer technical specifications and in case of difference of opinion, the provisions of clause No.6.39 and 6.40 of Bihar Electricity Supply Code shall apply.
10. The Government of Bihar had issued “Industrial Incentive Policy Bihar-2006” in order to create favourable environment and accelerated industrial growth of the State.

The Policy states -

(a) Existing and New Units:

“Working units at present and new units will avail exemption from AMG/MMG from the date of declaration of the New Industrial Policy. The facility will be granted five years”

(b) Sick units:

The following facilities are provided to sick units.

Exemption from Annual Minimum Guarantee (AMG), Monthly Minimum Guarantee (MMG) and Delayed Payment Surcharge (DPS) would be available to the unit from the date of declaration of the unit as sick unit.

This facility would be admissible for a period of five years.

The Board shall comply with the Industrial Policy of Government of Bihar. Such Industrial Policy shall be extended to other eligible consumers who comes under the Policy.

9.0 Temporary Supply (LT and HT)

9.1 Applicability

This tariff is for connection of temporary in nature for period of less than one year.

The applicability shall be as given in the respective category tariff rate schedule.

Temporary supply cannot be claimed by a prospective consumer as a matter of right but will normally be arranged by the Board when a requisition is made giving due notice subject to technical feasibility and in accordance with electricity supply code issued by the Commission.

9.2 Tariff

Fixed charge and energy charge shall be chargeable at one and half times the normal tariff as applicable to the corresponding appropriate tariff category.

9.3 Terms of Supply

- (a) Temporary supply under any category of service may be given for a period not exceeding 30 days in the first instance. The duration of which, however may be extended on month-to-month basis subject to maximum of one year.
- (b) In addition to the charges mentioned above, the consumer shall have to deposit the following charges before commencement of the temporary supply:
 - (i) Estimated cost of erection of temporary service line and dismantling.
 - (ii) Cost of irretrievable materials which cannot be taken back to service.
 - (iii) Meter rent for the full period of temporary connection as per appropriate Tariff Schedule and miscellaneous charges.
 - (iv) Rental on the cost of materials as per estimate framed but not payable by the consumer shall be payable at the rate of Rs. 15/- per month on every Rs. 100/- or part thereof.
 - (v) Ten per cent on the total cost of the estimate for the temporary service connection to cover as security for loss of materials and contingencies. In case such loss is not noticed, the amount will be refunded.
- (c) The applicants for temporary supply shall be required to make a deposit in advance of the cost as detailed above including the energy consumption charges estimated for full period on the basis of connected load. This will however, be adjusted against the final bill that will be rendered on disconnection of supply month to month basis.

- (d) If the consumer intends to extend the temporary supply beyond the period originally applied for, he will have to deposit in advance all charges as detailed above including the estimated electricity consumption charges, for the period to be extended and final bill for the previous period, as well.
- (e) The temporary supply shall continue as such and be governed by the terms and conditions specified above until the supply is terminated or converted into permanent supply at the written request of the consumer. The supply will be governed by the terms and conditions of permanent supply only after the consumer has duly completed all the formalities like execution of agreement, deposit of security money, cost of service connection and full settlement of the account in respect of the temporary supply etc.

10.0 Seasonal Supply (LT and HT)

1. Seasonal supply shall be given to any consumer on written request to the Board subject to the following conditions.

	Period of Supply	Tariff Rate
1.	Upto 3 consecutive months in a year	Appropriate tariff plus 30 percent
2.	More than 3 consecutive months and upto 6 consecutive months in a year	Appropriate tariff plus 20 percent
3.	More than 6 consecutive months and upto 9 consecutive months in a year	Appropriate tariff plus 15 percent
4.	More than 9 consecutive months but less than one year	Appropriate tariff plus 5 percent.

2. The meter rent and other charges as provided in the appropriate tariff are applicable to seasonal loads and would be charged extra for the entire period of supply.
3. The supply would be disconnected after the end of the period unless the consumer wants the supply to be continued.
Any reconnection charges have to be borne by the consumer.
4. Consumer proposing to avail seasonal supply shall sign an agreement with the Board to avail power supply for a minimum period of 3 years in the case of HT, and 2 years in the case of LT category of supply.
5. The consumers must avail supply in terms of whole calendar month continuously.
6. The consumer is required to apply for seasonal supply and pay initial cost and security deposit as an applicant for normal electricity supply.
7. The consumer shall ensure payment of monthly energy bills within 7 days of its receipt. The supply will be disconnected if payment is not made on due date.

PART-C: Miscellaneous AND GENERAL CHARGES

11.0 The Miscellaneous and General charges are approved by the Commission as below:

11.1 Meter Rent

Particulars	Applicable Charges
Kutir Jyoti	Rs.10/month
a) Single Phase LT except Kutir Jyoti	Rs. 20/month
b) Three Phase LT Upto 100 Amps	Rs. 50/month
c) LT meter with CT	Rs. 500 / month
d) 6.6 kV and 11 kV HTS-I (i) Metering at low voltage (ii) Metering at 6.6/11 kV	Rs. 500 / month Rs. 700 / month
e) 33 kV HT metering equipment for HTS-II and HTSS	Rs. 3000 / month
f) 132 kV EHT metering equipment for HTS-III	Rs. 15000 / month
g) 25 kV RTS	Rs.3000/month
h) 132 kV RTS	Rs.15000/month

11.2 Application fee for new connection / reduction of load / enhancement of load / request for permanent disconnection:

No.	Category / class	Rate
(i)	Kutir Jyoti	Exempted
(ii)	LT Single phase	Rs. 30.00
(iii)	LT Three phase	Rs. 60.00
(iv)	LT Industrial	Rs. 100.00
(v)	HT Connection	Rs. 200.00

11.3 Testing / Inspection of consumer's installation:

No.	Category / class	Rate
(i)	Initial Test / Inspection	Free of cost
(ii)	Subsequent test and inspection necessitated by fault in installation or by not complying with terms and conditions of supply	Rs. 50.00 for single phase connection Rs. 100.00 for three phase LT connection Rs.300.00 for HT connection.

11.4 Meter Testing Fee:

No.	Category / class	Rate
(i)	Single Phase meter	Rs. 50.00
(ii)	Three Phase meter	Rs. 100.00
(iii)	Three Phase meter with CT	Rs. 150.00
(iv)	Trivector and special type meter	Rs. 600.00
(v)	33 kV or 11 kV metering equipment	Rs. 2000.00
(vi)	132 kV/220 kV metering equipment	Rs. 3000.00

If the meter is tested at third party testing laboratory at the request of the consumer then the fees charged by the testing laboratory will be payable by the consumer.

11.5 Removing / Re-fixing / Changing of Meter / Meter Board at consumer's request:

No.	Category / class	Rate	Cost of material, as required, will be borne by the consumer
(i)	Single Phase meter	Rs. 50.00	
(ii)	Three Phase meter	Rs. 100.00	
(iii)	Three Phase meter with CT	Rs. 150.00	
(iv)	Trivector and special type meter	Rs. 200.00	
(v)	High tension metering equipment	Rs. 400.00	

11.6. Reconnection charge:

Sl.No .	Category/class	Rate
(i)	Single Phase supply	Rs. 50.00
(ii)	Three Phase supply	Rs. 100.00
(iii)	Three Phase LT industrial supply	Rs. 300.00
(iv)	HT supply	Rs. 1000.00

11.7 Supervision, Labour and Establishment charge for service connection:

Sl.No.	Category/class	Rate
(i)	Single Phase LT	Rs. 180.00
(ii)	Three Phase LT	Rs. 360.00
(iii)	Three Phase industrial	Rs. 500.00
(iv)	HT	As per approved estimate

11.8 Security Deposit:

- The consumer (except Kutir Jyoti rural and Kutir Jyoti urban) shall pay initial security deposit equivalent to the estimated energy charges including fixed / demand charges for a period of two months or as per the provisions of Bihar Electricity Supply Code notified by the Commission.
- All Central Government and State Government departments are exempted from payment of security deposit. However all public sector undertakings and local bodies shall pay security deposit, as applicable.

(c) The amount of security deposit is liable to be enhanced every year, in April-May of next year on the basis of average bills for previous years. In default of payment of additional security deposit, wherever payable after review, the service line may be disconnected on serving thirty days notice and connection thereafter can be restored only if the deposit is made in full along with the prescribed reconnection charges and surcharge @1.5% per month or part thereof on the amount of outstanding.

11.9 Interest on Security Deposit

Security deposit made by a consumer shall bear interest as specified in Bihar Electricity Supply Code, payable at Bank rate notified by RBI from time to time. The interest will be calculated for full calendar months only and fraction of a month in which the deposit is received or refunded, shall be ignored. The interest for the period ending 31st March shall be adjusted and allowed to the consumer in the energy bill for May issued in June and in subsequent month (s), if not adjusted completely against the bill for the month of May.

12.0 The other terms and conditions of supply of electricity not specially provided in this tariff order will continue to be regulated by the provisions specified in the Bihar Electricity Supply Code notified by the Commission.

PART D: FORMULA FOR FUEL AND POWER PURCHASE COST ADJUSTMENT

The approved fuel and power purchase cost adjustment (FPPCA) formula is given below:

$$\text{FPPCA} \quad = \quad \frac{Qc(RC2-RC1)+Qo(RO2-RO1)+QPp(Rpp2 -Rpp1)}{(QPg + QPp) \times (1-L) - PSE} \quad \times 100$$

Where,

- Qc = Quantity of coal consumed during the adjustment period (in M.T)
= (SHR x QPg) (1+TSL)x1000 / GCV
- RC1 = Weighted average rate of coal supplied ex-power station coal yard as approved by the Commission for the adjustment period in Rs. / M.T
- RC2 = Weighted average rate of the coal supplied ex-power station coal yard as per actual for the adjustment period in Rs. / M.T
- Qo = Quantity of oil (in KL) consumed during the adjustment period
= Generation (in MU) X Specific oil consumption approved by the Commission (ml. / kWh)
- RO1 = Weighted average rate of oil ex-power station (in Rs./KL) approved by the Commission for the adjustment period
- RO2 = Weighted average actual rate of oil ex-power station supplied (in Rs. / KL) during the adjustment period
- QPp = Power purchased from different sources and fed into Board's system (in MUs)
- Rpp1 = Average rate of power purchase as approved by the Commission (in Rs. / kWh)
- Rpp2 = Average rate of power purchased during the adjustment period (in Rs. / kWh)
- QPg = Board's own power generation (in MUs) at generator terminal – approved auxiliary consumption
- L = T & D loss as approved by the Commission or actual, whichever is lower.
- PSE = Power sold to exempted categories (agriculture (private) and BPL consumers only)
- SHR = Station Heat Rate as approved by the Commission.
- TSL = Transit and Stacking Loss as approved by the Commission.
- GCV = Weighted average gross calorific value of coal fired at boiler front during the adjustment period (in Kcal / Kg)

Note:

- 1) Amount of variable charges on account of change of cost of unknown factors like water charges, taxes or any other unpredictable and unknown factors not envisaged at the time of tariff fixation subject to prior approval of the Commission
- 2) Adjustment, if any, to be made in the current period to account for any excess / shortfall in recovery of fuel or power purchase cost in the past adjustment period, subject to the approval of the Commission.

The approved (FPPCA) formula is subject to following conditions:

- (i) The basic nature of FPPCA is 'adjustment' i.e. passing on the increase or decrease, as the case may be.
- (ii) The operational parameters / norms fixed by the Commission in this tariff order shall be the basis of calculating FPPCA charges.
- (iii) The FPPCA will be recovered in the form of an incremental energy charge (Rs/kwh) in proportion to the energy consumption and will be forming a part of the energy bill to be served on monthly/bimonthly or any other periodical basis.
- (iv) Incremental cost of power purchase due to deviation in (respect of generation mix) power purchase at higher rate, etc. shall be allowed only if it is justified to the satisfaction of the Commission.
- (v) Any cost increase by the Board by way of penalty, interest due to delayed payments, etc. and due to operational inefficiencies shall not be allowed.
- (vi) FPPCA charges shall be levied on all categories of consumers, except agriculture (private) and Kutir Jyoti / BPL consumers.
- (vii) The data in support of FPPCA claims shall be duly authenticated by an officer of the Board, not below the rank of Chief Engineer on affidavit.
- (viii) Variation of FPPCA charge will be allowed only when it is five (5) paise and more per unit.
- (ix) The formula will be applied at the end of each quarter by BSEB without making it necessary to go through the regulatory proceedings. The incremental cost per kWh due to this FPPCA arrived for a quarter shall be recovered in 3 monthly installments in the subsequent quarter (for example the additional cost arrived at due to FPPCA for the quarter October to December of a certain year shall be recovered in 3 monthly installments in the months of January, February and March of the next year) through energy bills

and so on. The BSEB shall, however, be obligated to provide all relevant information to the Commission simultaneously and in any case where the Commission observes any discrepancies, the same will be adjusted during the next quarter. This mechanism will provide administrative and regulatory simplicity.

- (x) The approved formula is subject to review, as the Commission may deem fit.