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### BIHAR ELECTRICITY<sup>[1]</sup> REGULATORY COMMISSION

### BIHAR ELECTRICITY SUPPLY CODE, 2007

#### Notification No. 10 /2007

dated 31.12.2007

**No. BERC/Regl-6/2006/529** – In exercise of power conferred by Section 181(1) and 181(2) read with Section 50 and 43 (1), Section 44, Section 46, Section 47 (4) Section 56 of the Electricity Act, 2003 (36 of 2003) and all powers enabling it in this behalf and also in compliance of the Ministry of Power, Govt. of India's (i) notification no. SO 790(E) dated 8<sup>th</sup> June, 2005 issuing "Electricity (Removal of difficulties) Order, 2005" for "Inclusions of measures to control theft of electricity in Electricity Supply Code", and (ii) notification no. SO 798(E) dated 9<sup>th</sup> June, 2005 issuing Electricity (Removal of Difficulties) Eight Order, 2005 for obtaining supply of electricity at single point from the distribution licensee by the Cooperative Group Housing Societies or by any person for their members or employees residing in the same premises, the Bihar Electricity Regulatory Commission hereby makes the following Electricity Supply Code to govern supply and retail sale of electricity by the licensees and procedure thereof, the powers, functions, and obligations of the licensees and the right and obligations of the consumers and matter connected therewith and incidental thereto.

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[1] Corrigendum vide Notification No. BERC-Regl-06/06-part-II/02/08 dt.24.04.08

# **BIHAR ELECTRICITY SUPPLY CODE, 2007**

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# **BIHAR ELECTRICITY SUPPLY CODE, 2007**

## **CHAPTER 1**

### **GENERAL**

#### **1.1 Short Title, Extent and Commencement**

- (1) This Code may be called the “Bihar Electricity Supply Code, 2007”.
- (2) The Code shall come into force from the date of its publication in the official gazette.
- (3) It shall extend to the whole State of Bihar.
- (4) It shall apply to all distribution licensees engaged in the business of supplying electricity as covered under section 14 of the Electricity Act, 2003 and the consumers of electricity.

#### **1.2 Mechanism for Review of Bihar Electricity Supply Code**

- (1) The Commission shall constitute an Electricity Supply Code Review Panel (hereinafter called review panel) to review this Code on regular basis. The review panel shall consist of such number of members, as the Commission may consider necessary and adequate, to be appointed by the Commission including persons representing the following interests.
  - (a) Each Distribution Licensee of the State;
  - (b) State Transmission Utility (STU) and Transmission licensees;
  - (c) LT consumers, HT consumers, EHT consumers, their associations and interested groups;
  - (d) Generating company (by rotation if more than one);
  - (e) Any other person or interested group or organisation as the Commission may think fit.
- (2) The Commission shall appoint one of the member amongst the above members as Chairman of the review panel. The Commission shall also nominate an officer from the Commission to act as Member-Secretary to the review panel. The Commission shall provide all the required support, administrative or otherwise.
- (3) All members of the review panel shall be appointed for a period of two years.
- (4) The review panel shall meet at least once every six (6) months. The Member Secretary of review panel shall convene meetings with the approval of the Chairman. He shall send meeting notice along with agenda to all members ten days in advance.

- (5) The Chairman, Member-Secretary and all Members shall be part-time officers of the review panel. They shall draw their salaries, allowances and perquisites from their respective parent organizations.
- (6) The Member Secretary of the review panel shall send the proceedings of the meetings of the review panel to all the members of the panel and to the Commission within 15 days of the meetings.
- (7) Any Licensee, generating company, consumer, industry or any interested parties or business organization may send their suggestion and requests for revision of Code to the Member-Secretary of the review panel, the difficulties experienced in implementation of code may also be communicated to the review panel. All these representations shall be recorded and discussed in the review panel meetings. The Member-Secretary shall be the custodian of the entire correspondence relating to the review panel.
- (8) The Commission may amend the Electricity Supply Code suo-motu or on the recommendations of the review panel. However, before any amendment is made in the Code, comments on the proposed changes shall be obtained from all the Distribution Licensees, State Transmission Utility STU, Transmission Licensees and public.
- (9) A notice of the gist of amendment made in the Electricity Supply Code shall be published by the Licensee in at least two newspapers having wide circulation in the area of supply stating that copies of the amended Electricity Supply Code are available for purchase in the offices mentioned in clause (10) below.
- (10) Copies of the 'Bihar Electricity Supply Code' as duly amended from time to time shall be kept at area offices, regional offices, circle offices, division and sub-division offices, distribution centres of the licensees and such other offices as may be specified by the Commission. The licensee shall also post it on their websites.

## **CHAPTER 2** **DEFINITION**

2.1 In this Code, unless it is repugnant to the context:

- (a) '**Act**' means The Electricity Act, 2003 (No. 36 of 2003)
- (b) '**Agreement**' with its grammatical variations and cognate expressions means an agreement entered between the licensee and the consumer under this Code.
- (c) '**Apparatus**' means electrical apparatus and includes all machines, fittings, accessories and appliances in which conductors are used.

- (d) '**Area of Supply**' means the area within which a Licensee is authorized by his licence to supply electricity.
- (e) '**Authorised officer**' means the officer authorized in this behalf by the State Government under section 135 of the Act.
- (f) '**Breakdown**' means an occurrence relating to the equipment of the electric energy supply system including electrical line that prevents its normal functioning.
- (g) '**Code**' means the Bihar Electricity Supply Code as in force from time to time.
- (h) '**Commission**' means the Bihar Electricity Regulatory Commission constituted under section 82 of the Electricity Act, 2003
- (i) '**Conductor**' means any wire, cable, bar, tube, rail or plate used for conducting electrical energy and so arranged as to be electrically connected to a system.
- (j) '**Connected Load**' means aggregate of the manufacturer's rating of all energy consuming devices, in the consumer's premises, which can be simultaneously used. This shall be expressed in kW, kVA or HP units and shall be determined as per the procedure laid down in clauses 6.37 to 6.42 on 'Rating of Installations' in this Code.
- (k) '**Consumer**' means any person who is supplied with electricity for his own use by a licensee or the Government or by any other person engaged in the business of supplying electricity to the public under this Act or any other law for the time being in force and includes any person whose premises are for the time being connected for the purpose of receiving electricity with the works of a licensee, the Government or such other person, as the case may be;
  - (i) '**Low Tension Consumer (LT Consumer)**' if he obtains supply from the licensee at low voltage.
  - (ii) '**High Tension Consumer (HT Consumer)**' if he obtains supply from the licensee at High Voltage.
  - (iii) '**Extra High Tension Consumer (EHT Consumer)**' if he obtains supply from the licensee at Extra High Voltage.
- (l) '**Consumer's installation**' means any composite electrical unit including electric wires, fittings, motors and apparatus, portable and stationary, erected and wired by or on behalf of the consumer at the consumer's premises.
- (m) '**Contract demand**' means the maximum Load in kW, kVA or HP, as the case may be, agreed to be supplied by the licensee and contracted by the consumer and mentioned in the agreement.

(n) '**Cut-out**' means any appliance for automatically interrupting the supply or flow of electrical energy through any conductor when the current rises above a predetermined quantum, and shall also include fusible cut-out.

(o) '**Date of commencement of supply**' means the day immediately following the date of expiry of a period of one month in case of LT consumers and three months in case of HT or EHT consumer from the date of intimation to an intending consumer of the availability of power or the date of actual availing of supply by such consumer, whichever is earlier.

(p) '**Demand Charge**' for a billing period means a charge levied on the consumer based on the contract demand or maximum demand and shall be calculated as per the procedure provided in the Tariff Order of the Commission.

(q) '**Distribution main**' means the portion of any main with which a service line is, or is intended to be, connected.

(r) '**Distribution System**' means the system of wires and associated facilities between the delivery points on the transmission lines or the generating station connection and the point of connection to the installation of the consumers;

(s) '**Earthered**' or '**connected with earth**' means connected with the general mass of earth in such manner as to ensure at all times an immediate discharge of energy without danger.

(t) '**Electric line**' means any line which is used for carrying electricity for any purpose and includes –

- any support for any such line, that is to say, any structure, tower, pole or other thing in, on, by or from which any such line is, or may be, supported, carried or suspended; and
- any apparatus connected to any such line for the purpose of carrying electricity;

(u) '**Electrical Inspector**' or '**Inspector**' means an Electrical Inspector appointed under sub-section 1 of section 162 of the Electricity Act, 2003 (36 of 2003), and also includes chief Electrical Inspector.

(v) '**Energy**' means electrical energy-

- Generated, transmitted or supplied for any purpose, or
- Used for any purpose except the transmission of a message.

(w) '**Energy charge**' refers to a charge levied on the consumer based on the quantity of electricity (units in kWh or kVAh as per tariff) supplied.

- (x) '**Extra High Voltage (EHV)**' or '**Extra High Tension (EHT)**' means the voltage, which exceeds 33,000 volts, under normal conditions subject, however, to the percentage variation allowed under the Indian Electricity Rules, 1956.
- (y) '**Group User**' means Cooperative Group Housing Society, registered under Bihar Cooperative Societies Act or a person representing his employees.
- (z) '**High Voltage (HV)**' or '**High Tension (HT)**' means the voltage higher than 440 volts but which does not exceed 33,000 volts, under normal conditions subject, however, to the percentage variation allowed under the Indian Electricity Rules, 1956
- (aa) '**Initial period of agreement**' means the period of one year in case of LT supply and two years in case of HT supply starting from the date of commencement of supply. The initial period of agreement shall continue till the end of the month, in which the end date of the one/two years period expires.
- (bb) '**Installation**' means any composite electrical unit used for the purpose of generating, transforming, transmitting, converting, distributing or utilizing electrical energy.
- (cc) '**Licensed Electrical Contractor**' means a contractor licensed under rule 45 of the Indian Electricity Rules 1956.
- (dd) '**Low Voltage (LV)**' or '**Low Tension (LT)**' means the voltage, which does not exceed 250 volts at single phase and 433 volts at three phase under normal conditions subject, however, to the percentage variation allowed under the Indian Electricity Rules, 1956.
- (ee) '**Maximum demand**' means the maximum demand of a consumer's system at a point of supply during a month (or a specified billing period) which is twice the largest number of kilo volt –ampere–hours supplied to the consumer at that point of supply during any consecutive 30 minutes in the month (or a specified billing period). (This is a measure of the peak power requirement of the consumer, depends on the capacity of the licensee's equipment and is related to the initial capacity cost of the licensee's system).
- (ff) '**Meter**' means an equipment used for measuring electrical quantities like energy in kWh or kVAh, maximum demand in kW or kVA, reactive energy in kVAR etc. including accessories like Current Transformers (CT) and Potential Transformers (PT), including cables, where used in conjunction with such meter and any enclosure used for housing or fixing such meter or its accessories and any devices like switches or MCB/ load limiter or fuses used for protection and testing purposes.

- (gg) '**Occupier**' means the owner or person in occupation of the premises where electrical energy is used or proposed to be used.
- (hh) '**Overhead line**' means any electric supply-line, which is placed above ground and in the open air but excluding live rails of traction system.
- (ii) '**Power Factor**' means the average monthly power factor and shall be the ratio expressed as a percentage of the total kilowatt hours to the total kilovolt ampere hours supplied during the month; the ratio being rounded off to two decimal figures, 5 or above in the third place of decimal being rounded off to the next higher figure in the second place. In case kWh or kVAh reading is not available then power factor shall be calculated on the basis of kVARh reading, if the meter has KVARh recording feature in the meter.
- (jj) '**Premises**' includes any land, building or structure.
- (kk) '**Service-line**' means any electric supply-line through which electrical energy is, or is intended to be, supplied
  - (i) to a single consumer either from a distribution main or immediately from the supplier's premises, or
  - (ii) from a distribution main to a group of consumers in the same premises or in adjoining premises supplied from the same point of the distribution main.
- (ll) '**System**' means an electrical system in which all the conductors and apparatus are electrically connected to a common source of electric supply.
- (mm) '**Theft of Electricity**' has the meaning assigned to it under section 135 of the Electricity Act, 2003.

2.2 All other expressions used herein although not specifically defined herein, but defined in the Act, shall have the meaning assigned to them in the Act. The other expressions used herein but not specifically defined in this Code or in the Act but defined under any law passed by the Parliament applicable to electricity industry or stated in the tariff order shall have the meaning assigned to them in such law. Subject to the above the expression used herein but not specifically defined in this Code or in the Act or any law passed by the Parliament shall have the meaning as is generally assigned in the electricity industry.

In case of any inconsistency between the Code and Tariff Order in force, the provisions and meanings contained in Tariff Order in force at that time shall prevail.

## **CHAPTER 3**

### **SYSTEM OF SUPPLY AND CLASSIFICATION OF CONSUMERS**

#### **System of Supply**

3.1 The declared frequency of the alternating current (AC) shall be 50 cycles per second or Hz. The Licensee shall as far as possible supply and maintain uninterrupted power supply in a frequency band between 49.02 Hz to 50.5 Hz stipulated in the Indian Electricity Grid Code issued by the Central Electricity Regulatory Commission.

3.2 The declared voltage of AC supply shall be as follows:

- (a) Low Tension (LT)
  - (i) Single Phase: 230 volts between phases and neutral.
  - (ii) Three Phase: 400 volts between phases.
- (b) High Tension (HT) - Three Phase: 11 kV or 33 kV between phases.  
The existing 6.6 kV systems of supply, if any, shall be converted into 11 kV system of supply<sup>[1]</sup> in a time bound programme.
- (c) Extra High Tension (EHT) - Three Phase: 132 kV or 220 kV between phases.  
For existing Railway Traction – Single / Two-phase/Three phase on 25kV / 132kV

3.3 The licensee shall design and operate the distribution system in conjunction with the transmission systems. The licensee shall maintain voltage at the point of commencement of supply to the consumer within the limits with reference to the declared voltage as stipulated hereunder;

- (a) Low voltage: (+) 6%; and (-) 6%;
- (b) High voltage: (+) 6% and (-) 9%
- (c) Extra high voltage: (+) 10% and (-) 12.5%

#### **Voltage of Supply to Consumers**

3.4 The supply voltage for different contract demands shall normally be as follows, or as otherwise specified in the Tariff order.

<b>Supply Voltage</b>	<b>Minimum Contract Demand</b>	<b>Maximum Contract Demand</b>
230 volts		Upto 5 kW
400 volts	5 kW & above	70 kW
11 kV	75 kVA	1500 kVA
33 kV	1000 kVA	10000 kVA
132 kV	7500 kVA	

L.T. Agriculture and L.T. Industrial consumer of load between 2kW & 5kW have option to avail supply at 230 volts or 400 volts.

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[1] Corrigendum vide Notification No. BER-C-Regl-06/06-part-II/02/08 dt.24.04.08

## **Classification of Consumers**

3.5 The classification of consumers, tariff and conditions of supply applicable to each category shall be as fixed by the Commission from time to time in the tariff order or otherwise.

## **CHAPTER 4** **NEW SERVICE CONNECTION**

### **Licensee's Obligation to Supply**

4.1 The Licensee shall on an application by the owner or occupier of any premises, located in his area of supply, give supply of electricity to such premises within one month after receipt of completed application and requisite charges.

Provided where such supply requires extension of distribution mains, or commissioning of new sub-stations, the distribution Licensee shall supply the electricity to such premises immediately after such extension or commissioning or within such period as specified by the Commission in clause 4.80 of the code.

Provided also in case of application for supply from a village or hamlet or area wherein no provision for supply of electricity exists, the Commission shall extend the time period for provision of supply appropriately on a case-to-case basis:

Provided that if there are arrears of electricity dues on a premises, a new connection shall not be released to a new applicant / or the old consumer on the same premises, if -

- (i) The applicant (being an individual) is an associate or relative (as defined in Section 2 and 6 respectively of the Companies Act, 1956) of the defaulting consumer,
- (ii) Or where the applicant being a company or body corporate or association or body of individuals, whether incorporated or not, or artificial juridical person, is controlled, or having controlling interest in the defaulting consumer, provided, the Licensee shall not refuse electric connection on this ground, unless an opportunity to present his case is provided to the applicant and a reasoned order is passed by an officer as designated by the licensee.

### **Licensee's Obligation to Extend the Distribution System**

4.2 The Licensee shall have obligation for ensuring that its distribution system is upgraded, extended and strengthened to meet the demand for electricity in its area of supply. Wherever the existing transformation capacity is loaded upto 80% of its

capacity, the licensee shall prepare a scheme for augmentation of such transformation capacity.

- 4.3 The Licensee shall meet the cost for strengthening / upgradation of the distribution system to meet the demand of the existing consumers as well as future growth in demand through its annual revenues or funds arranged by the licensee and this cost shall be allowed to be recovered from the consumers through tariff subject to prudence check by the Commission.
- 4.4 In all cases of new connections, the consumer shall bear the Service Connection Charges, that is the cost of service connection from the Distribution Mains to the point of supply as approved by the Commission from time to time.
- 4.5 For uniformity and simplification in calculating the actual cost of extension, the licensee shall prepare a ready reckoner to show the per-unit material cost of LT line, HT line, substation of different capacities etc. The licensee may update the ready reckoner every year, and after every update, submit the same to the Commission for information.
- 4.6 In case the connected / contracted load of any new connection is projected to be 60 kW or more, a separate transformer of adequate capacity shall be installed at consumer's cost. The space /room with easy access required for housing the transformer, sub station, switch gears, meters and panels shall be provided by the consumer, free of cost, for which rent or premium shall not be payable by the licensee .
- 4.7 The service connection/ extension of distribution mains, notwithstanding that it has been paid for by the consumer, shall be the property of the licensee. The licensee shall maintain it at its cost and shall also have the right to use the same service connection/ extension for supply of energy to any other person but such extension or service connection should not adversely affect the supply to the consumer who paid for the extension of the distribution supply network.
- 4.8 When the licensee completes the work of extension of distribution mains and is ready to give supply, the licensee shall serve a notice on the consumer to take power supply within one month in case of LT and three months in case of HT or EHT. If the consumer fails to avail supply within the notice period, the agreement shall come into force from the day following the end of the notice period, and thereafter the consumer shall be liable to pay charges as applicable, as per the agreement.

### **Service Connection/ Extension Work Got Done by Consumers**

- 4.9 The consumer shall have an option to get the work of drawing of service line from the licensee's distribution mains up to his premises as per the estimates and layout approved by the licensee through a 'C' or higher-class licensed electrical contractor, and the work of extension of EHT and HT line, distribution or HT substation and LT line through an 'A' class contractor as per the estimates and layout approved by the licensee. In such case the consumer himself shall procure the materials. The material should, conform to relevant BIS specification or its equivalent and should bear ISI mark wherever applicable. The licensee may ask for documentary evidence to verify the quality of materials used. The consumer shall be required to pay the supervision charges as approved by the Commission on the cost of works as per the estimates approved by the licensee. The rates of the materials shall be available in the ready reckoner (refer clause 4.5).
- 4.10 The consumer shall get the work done within the timeframe as provided in clause 4.80. If he fails and needs more time he shall represent to the licensee with reasonable ground for extension of time.

### **New Connection**

- 4.11 Application for a new connection of electricity supply or for enhancement/reduction of load shall be made in duplicate in the appropriate prescribed form, copies of which shall be available free of cost from the local office of the licensee. The format of the application forms is provided in Annexure - 1 (LT connection) and Annexure - 2 (HT Connection). The licensee shall post the application forms on its website. Photocopies of a blank form or form downloaded from the website of the licensee may also be used by the applicant and shall be accepted by the Licensee. Any assistance or information required in filling up the form should be given to the consumer by the licensee.  
The Licensee may modify the structure of the formats if so required to meet any requirement that may arise in consequence of the provision of this Code so that the formats are consistent with the Act, prevailing Rules, Regulations and provisions of the Code.
- 4.12 All information relating to procedure, fees, designated officers for releasing new connection shall be displayed on the notice boards of Subdivision office, Divisional, Circle and Area offices of licensee. Public information counters for new forms, filing, and disseminating information status in the above offices, with computerized facilities in all towns with a population greater than 10 lakhs shall be made operational within a time frame of one year.

4.13 The consumer shall furnish, along with the application form, attested true copies of following documents (details at Annex1 & Annex -2). The licensee may ask for the original documents, from the consumer, if required, for verification.

(a1) Proof of ownership of the premises in the form of registered sale deed or partition deed or succession or heirship certificate or deed of last will,  
OR  
Proof of occupancy such as valid power of attorney or latest rent receipt or valid lease deed or rent agreement or copy of allotment order issued by the owner of the property,  
OR  
In case of supply for agriculture/ irrigation pump set, the copy of Land Revenue receipt 'khata nakal' giving the Revenue Plot No. 'khasara/khata' number of the field within which the supply is required.

(a2) In case of tenant permission of landlord along with proof of ownership of the premises.

(b) Approval / permission of the local / statutory authority, if required under any law /statute.

(c) In case of a partnership firm, partnership deed, authorization in the name of the applicant for signing the requisition form and agreement.

(d) In case of a Public or Private Limited Company, Memorandum and Articles of Association and Certificate of incorporation together with an authorization in the name of the applicant for signing the requisition form and agreement.

In case of application for power supply to stone crushers, stone polishing and hotmix plants, the following additional information shall also be furnished.

(e) Documentary evidence from the department concerned to show that he will be able to take requisitioned quantum of power supply for at least two years, or as specified in the agreement.

(f) His permanent address.

The consumer shall also intimate whether the service line and extensions, if any, shall be laid by the consumer or the licensee.

4.14 (a) The Licensee shall verify the application and the attached documents at the time of receipt of application. Written acknowledgement shall be issued on the spot. If the application is complete, otherwise it should mention the shortcomings, if the application is incomplete.

(b) No application for the new connection for an electrified area shall be refused under any circumstances if it complies with statutory requirements and is in

conformity with Act. In case consumer has not been intimated within stipulated period about any deficiencies in his application, the application shall be deemed to have been accepted for processing by the licensee.

(c) Licensee shall not be responsible if the reasons for delay are on account of right of way, acquisition of land, technical feasibility and lack of transmission capacity etc, over which the licensee has no reasonable control, provided the reasons for the expected delay are communicated to the applicant within the period specified for energisation.

(d) If any information furnished in application form is found wrong or the installation is defective or the energisation would be in violation of provision of Act / Electricity Rules / Tariff Order, the licensee shall not sanction the load and shall intimate the applicant the shortcomings / reasons thereof in writing on the spot as far as possible.

#### **4.15 No Dues Certificate**

- (i) It will be the duty of the seller to find out the outstanding electricity dues up to the date of sale, and liable to pay the outstanding electricity dues/ obtain No dues certificate.
- (ii) Before sale of a premise is made, the outstanding dues will be cleared or alternatively the agreement / sale deed will specifically mention the outstanding dues and the method of its payment. "Outstanding dues" means all dues pending on a premises including late payment surcharge.
- (iii) In the event of non payment of the outstanding dues, the dues shall be recoverable as public demand under the Bihar and Orissa Public Demand Recovery Act, 1914<sup>[1]</sup> as amended from time to time.
- (iv) The outstanding dues will be first charge on the assets of the defaulting consumer/ company, and the licensee shall ensure that this is entered in an agreement with new applicant.
- (v) The recovery proceedings against the defaulting consumer, and where the defaulting consumer is a company, from the Directors of the company, shall be ensured. Where a financial institution has auctioned the property without consideration to licensees charge on assets, claims may be lodged with the concerned financial institution with diligent pursuance.
- (vi) In case the electricity connection to the said premises was given with the consent of house owner, such person shall ensure the payment of all arrears/ dues of electricity by the tenant before the tenant vacates the premises.

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[1] Corrigendum vide Notification No. BERC-RegI-06/06-part-II/02/08 dt.24.04.08

However the conditions mentioned under clause 4.15 above shall not apply if inconsistent with the provision of any higher court order or an order as a consequence to it.

### **Supply to Different Categories of Consumers**

#### **(A) LT Supply**

- 4.16 The Licensee shall verify the application and documents at the time of receipt of application. A written acknowledgement shall be issued on the spot if the application is complete. If the application is incomplete, the shortcomings in the form shall be intimated to the applicant in writing within 3 working days. After complete application is received from the consumer, the licensee shall issue a written acknowledgement to the consumer immediately. Within 2 working days of receipt of the completed application form, the licensee shall intimate the consumer the proposed date of inspection, which should be within the next 5 working days in urban areas and 10 working days in rural areas.
- 4.17 On receipt of application the Licensee shall inspect the premises of the applicant and the applicant along with the licensed contractor or his representative shall be present during the inspection. During the inspection, the Licensee shall:
  - (i) Fix the point of supply and the place where meter and the cut-out/ MCB shall be fixed.
  - (ii) Fix the layout of the proposed lines and substation and estimate the distance between the point of supply and the nearest Distribution mains from where supply could be given.
  - (iii) Determine if the supply line shall go over any property belonging to a third party, in such case the applicant shall obtain no objection certificate from the third party, in absence of which licensee may adopt a different route for which the applicant shall bear the cost differential.
  - (iv) Verify other particulars mentioned in the application form, as required.
  - (v) Satisfy themselves regarding the work completion certificate and the test report submitted by the applicant.
  - (vi) If the Licensee is not satisfied, he shall intimate to the applicant shortcomings on the spot. The applicant shall be required to get the defects removed. Inspection shall again be conducted and a fee, as prescribed, may be charged for such subsequent inspections.
- 4.18 It shall not be incumbent on the licensee to ascertain the validity or adequacy of way leave, licence or sanction obtained by the consumer.

4.19 (a) After sanction of load, an estimate shall be prepared, which shall remain valid for three months from the date of sanction letter to the applicant.

(b) The estimate shall include security deposit, charges for laying the service line, distribution mains (if required) & material, and service connection charges etc, as determined by the Licensee with the approval of the Commission from time to time.

(c) After approval of the Commission, the Licensee shall publish a cost data book, and make it available to any interested person at a reasonable charge, and shall also place it on their website.

(d) The above estimate shall be based on Rs / KW (or Rs / KVA) of the sanctioned / contracted load, or on Rs per service installation for specific bands of contractual load applied for or sanctioned load at each voltage level up to 33 KV voltage on which supply is to be given. Beyond 33 KV voltage level, the charges for laying shall be based on actual estimates of the licensees.

Provided that the estimates for independent / dedicated feeder shall be in accordance to requirements laid down in clause 5.3 of this Code.

(e) If the work is to be done by the developer/ applicant / development authority, the Licensee shall charge supervision charges as a percentage as given below, of the normative estimate arrived at on KVA or KW basis as specified in cost data book, which shall be deposited with the licensee before work begins.

Load 30 KW (33 KVA) upto 3600 KW (4000 KVA): - 15%

Above 3600 KW upto 9000 KW (10,000 KVA): - 8%

Above 9000 KW (10,000 KVA): - 5%

In other cases, Licensee shall commence the work after the applicant, has deposited the full amount of the estimate. Until the normative cost estimates are enforced, the supervision charges shall be levied as percentage specified above on estimated material cost and shall also include the estimated labour cost, cost of material handling and storage/inventory, and shall not include the system loading charges and the establishment costs.

(f) Disputes regarding the estimate may be referred to the authority that is one level higher than the sanctioning authority and if the applicant is still aggrieved he may approach the Consumer Grievance Redressal Forum established under section 42(5) of the Act for adjudication.

- (g) A final bill shall be prepared after completion of the work by the Licensee.
  - If the final bill exceeds the value of the estimate, the difference shall be deposited by the applicant before connection is energized.
  - If the bill is less, the difference shall be adjusted in subsequent electricity bills or refunded by cheque within 60 days.

Provided further that, in case of revision of charges, if the estimates were sanctioned prior to the date of revision, the estimates in excess shall not be charged on completion of works on the basis of revised charge. However, if the work is completed at an estimate less than that prepared in revised charges, the excess amount deposited by the applicant on the basis of unrevised charges, shall be refunded within 60 days.

Provided also that, if the licensee has published updated normative charges in the cost data book, and has included the same in preparing the estimate, the final bill and above proviso, shall not be necessary.

- 4.20 In case it is possible to extend supply from the existing mains, the licensee will forward to the consumer, within 20 days or otherwise provided in the Standards of Performance for Distribution Licensee Regulations an advice for the charges for laying the service line, the amount of security deposit and any other charges as applicable. The amount shall be payable in full within 7 working days, after which only any work for laying the service line will be taken up. The licensee will also intimate to consumer to execute the agreement.
- 4.21 In case it is necessary to extend distribution mains for giving supply to the consumer, the licensee will forward to the consumer, within 15 days in urban areas and within 20 days in rural areas or otherwise specified in the Standards of Performance of Distribution Licensee Regulations, an advice containing the charges for extension of the distribution main, laying the service line, the amount of security deposit, any other charges as applicable and will also intimate if any additional formalities are required to be carried out by the consumer. In cases where the consumer has to lay the service line and extension of mains, the consumer shall pay the supervision charges on cost of extension of the distribution mains and laying the service line in addition to payment of other charges as may be applicable. The amount shall be payable in full within 7 working days along with completion of formalities, after which only any work for laying the distribution mains and service line can be taken up. The licensee will also intimate the consumer to furnish test report in the prescribed form.

- 4.22 Licensee on request of consumer may extend the date of payment beyond 7 days, upto 15 days but this extended time shall not be counted for delay in connection under Section 43 of Act, and no compensation shall be paid during the said period. In case the consumer fails to complete the formalities within 15 days, the licensee shall give him notice to complete the formalities within the next 15 days failing which, his requisition for supply shall be cancelled. Thereafter the consumer shall have to apply afresh for supply or additional supply as the case may be.
- 4.23 On deposit of charges as indicated above by the consumer, execution of the agreement and receipt of test report and intimation that the service line and extension work have been completed, the licensee shall intimate the consumer, within 3 working days, the date of testing of the consumer's installation. The consumer shall ensure that the licensed electrical contractor, who has carried out the wiring, is present during the testing.
- 4.24 On testing the consumer's installation, if the licensee is satisfied with the test results, the licensee shall arrange to install the meter with the cut-out or MCB, seal the meter in presence of the consumer and provide supply. If the Licensee is not satisfied, he shall intimate the consumer in writing, the shortcomings in the wiring. The applicant shall be required to get the defects rectified. On payment of the prescribed fee, testing shall again be conducted as per clause 6.29 of the Code.
- 4.25 All work shall be completed within the timeframe specified in clause 4.80 of the Code or as specified in the Standards of Performance of Distribution Licensee Regulations.

**(B) LT Supply to Multi-Consumer Complex Including Commercial Complexes:**

- 4.26 For the purpose of providing new power supply to a building or a group of buildings having more than one connection with a total load exceeding 30 kW, the building shall be considered as a multi-consumer complex. Such new connection shall be provided with single meter. However this shall not restrict the individual owner for applying for individual connection and the licensee shall sanction such connection on LT. The applicant / developer / development authority shall be responsible to develop, construct the entire infrastructure required for distribution network from the licensee's sub station 33/11KV or 11/0.4 KV, upto the connection outlets in individual owner's premises, at his own cost.
- 4.27 In case it is not possible to give supply to the Multi-Consumer Complex by augmentation of the existing 33/11 kV substation capacity the developer/ builder/ society/ consumer shall bear the cost of the 33 kV line. The cost of

construction/augmentation of 33/11 kV power sub station if required shall be borne by the licensee.

**Note:** The developer/ builder/ society/ consumer includes any agency whether Government, local body or private that constructs the Multi-Consumer Complex.

- 4.28 Meters shall normally be provided at the ground floor in accordance with the procedure stated in chapter 8 of the Code.
- 4.29 The land/room required for housing the transformer substation and meters shall be provided by the developer /builder/ society/ consumer free of cost for which rent or premium shall not be paid by the licensee. Transformers should preferably be placed in open areas. In case installation of transformer in a room or closed area is unavoidable, all safety measures as per prevailing rules and regulations should be taken.
- 4.30 Connections for common facilities like lift, water pumps etc. shall be given in the name of the builder/developer/society.
- 4.31 In case the original approved plan is for a multi-consumer complex, but the builder/developer/ society/ consumer desires to avail connection for a portion of it, the connections shall be provided treating it as multi-consumer complex.
- 4.32 Due to additional construction or additional requirement of load, if a building comes under the category of multi-consumer complex and if a separate distribution transformer of sufficient capacity, for giving supply to such building was not provided earlier, it will be provided at the cost of the builder/developer/ society/ consumer. Alternatively, the builder/ developer/ society/ consumer shall arrange to suitably augment the capacity of the existing 11/0.4kV substation, if found feasible by the licensee.
- 4.33 The load of a multi-consumer complex, for development of infrastructure for extension of distribution mains shall be calculated on the following basis (area represents built-up area of individual unit):

<u>AREA</u>	<u>LOAD</u>
(a) Upto 400 sq ft	1.5 kW
(b) Above 400 sq ft & upto 700 sq ft	2.0 kW
(c) Above 700 sq ft & upto 1000 sq ft	3.0 kW
(d) Above 1000 sq ft & upto 1300 sq ft	4.0 kW
(e) Above 1300 sq ft & upto 1600 sq ft	5.0 kW
(f) Above 1600 sq ft & upto 2000 sq ft	7.0 kW
(g) Above 2000 sq ft & upto 2500 sq ft	10 kW

(h) For every additional 500 sq ft or part thereof over 2500 sq ft of built up area, 1.0kW of load shall be added.

The load of the common facilities like lift, water pump, parking lights etc shall be taken as declared by the developer/builder/society/ consumer.

The aforesaid procedure for estimation of load is for the purpose of bringing about uniformity in the assessment of the load of the multi-consumer complex. However, security deposit etc shall be worked out on the basis of the load as declared by the consumer and supported by the test report at the time of providing connection to individual consumer.

4.34 On receipt of requisition from the builder/developer/ society/ consumer for supply of electricity to multi-consumer or commercial complexes, the licensee shall take action for extending the supply as per procedure given in clauses 4.16 to 4.25 of the Code, as applicable.

**(C) LT Supply to Housing Colonies:**

4.35 The developer/ builder/ society/ consumers of a housing colony shall bear the cost of extension including the cost of 11 kV line, distribution transformer and LT lines/ LT cables. The cost of construction / augmentation of capacity of power sub station of 33/11 kV if required, shall be borne by the Licensee.

**[Note:** The developer/ builder/ society/ consumer includes any agency whether Government, local body or private that constructs the building/ colony.]

4.36 The load of a housing colony, for development of infrastructure for extension of distribution mains shall be calculated on the following basis (area represents plot area):

<u>AREA</u>	<u>LOAD</u>
(a) Upto 500 sq ft	1.0 kW
(b) Above 500 sq ft & upto 1000 sq ft	2.0 kW
(c) Above 1000 sq ft & upto 1500 sq ft	3.0 kW
(d) Above 1500 sq ft & upto 2000 sq ft	4.0 kW
(e) Above 2000 sq ft & upto 2400 sq ft	5.0 kW
(f) Above 2400 sq ft & upto 3000 sq ft	7.0 kW
(g) Above 3000 sq ft & upto 3500 sq ft	10.0 kW
For every additional 500 sqft or part thereof above 3500 sq.ft	1.0 kW

The load of the common facilities like lift, water pump, parking lights, street lights etc may be taken as declared by the developer/builder/society/ consumer. If, subsequently, the builder/ developer/ society/ consumer constructs houses or buildings for sale, instead of sale of plots, the load will be reassessed on the basis

of the guideline given in clause 4.33 The developer/ builder/ society/ consumer will also be required to pay the cost of the additional infrastructure required for the purpose excluding the cost of construction of new/augmentation of 33/11kV power sub station which shall be borne by the licensee.

The aforesaid procedure for estimation of load is for the purpose of deciding the number and capacity of distribution transformers and the length of HT/ LT line required. However, the service connection charges, security deposit etc shall be worked out on the basis of the load as declared by the consumer and supported by the test report at the time of serving connection to individual consumer.

4.37 On receipt of requisition from the builder/developer/ society/ consumer for supply to housing colony, the licensee shall take action for extending the supply as given in clauses 4.16 to 4.25 of the Code, as applicable.

#### **Supply to Group User**

4.38 The Group user shall be eligible to opt supply by a distribution licensee at a single point provided that the supply shall be primarily used for residential purpose including the loads of common amenities for the group user like lift, pumps for pumping water supply and lighting of common area. The use of electricity for more than 10% of the declared connected load for commercial/non-domestic purposes shall not be permitted from this connection. The Group user shall inform the details of every non-domestic activity along with the connected load to the licensee at the time of seeking connection or at the time of enhancement in contract demand. The licensee may undertake physical checking of non-domestic load for the purpose of ensuring that the non-domestic load is within permissible limit i.e. 10% of declared connected load. In case the use for commercial activity is observed for a load more than the permitted load, it shall be treated as unauthorised use.

4.39 On receipt of requisition in manner specified under clauses 4.11 to 4.14 of the Code from the applicant group user, the licensee shall verify the application and the attached documents at the time of receipt of application. In case of a Cooperative Group Housing Society, a certified copy of the registration of the applicant Cooperative Group Housing Society shall also be annexed along with the application requiring supply at single point.

#### **System of Supply and Metering**

The system of supply shall be either LT or HT or EHT according to the range of contract demand specified in Chapter 3 of the Code.

4.40 The manner to process the application for single point HT or EHT supply to Group user shall be followed as per clauses 4.71 or 4.76 of the Code, respectively.

4.41 HT metering shall be installed at the point of supply to the Group user for the purpose of recording of units sold by the licensee and billing to the Group user.

(a) The Distribution sub station and other required infrastructure like LT lines, cables, feeder pillars, metering panels for individual meters and service lines etc shall be laid by the applicant Group user and the Group user shall retain the ownership of all such assets.

(b) The Group user shall be fully responsible for maintenance of complete infrastructure network after the HT metering point i.e., point of supply. The Group user shall also be responsible for maintaining all construction and safety standards in respect of all assets and works being retained and executed by the Group user.

4.42 The Group user shall be fully responsible for various commercial and technical activities related to distribution of electricity.

4.43 The extension of lines and up-gradation of system up to the point of supply of the Group user, notwithstanding that it has been paid for by the Group user, shall be the property of the licensee. The licensee shall maintain it at its cost.

4.44 The Group user can execute the work of extension of his own distribution network from the point of supply to the individual premises through a 'C' or higher class licensed electrical contractor, and the work of extension of HT line and / or HT sub-station and LT lines through an 'A' class contractor. In such case, the Group user itself shall procure the material.

4.45 The land/ accommodation required for installation of metering at point of supply shall be provided by the Group user free of cost for which rent or premium shall not be paid by the licensee.

4.46 For the purpose of considering the criteria of a Group user, for development of infrastructure, if any, shall be calculated on the same basis as is provided in clause 4.36 of the Code.

4.47 The electrical energy supply to the Group user shall not be utilized by the Group user in any manner pre-judicial to the licensee and all usage must be in accordance with the provisions of the agreement and the Act as applicable.

4.48 The Group user shall not divert the use of energy other than purpose mentioned in the agreement. The Group user shall not extend the supply beyond its premises other than that for which it was sanctioned by the licensee.

4.49 The maps clearly indicating the plots/ building and the electrical distribution network with indexing on each pole and transformer or any other equipment shall

be submitted by the Group user, agreed upon and signed by both the Group user and the licensee shall form a part of the agreement.

- 4.50 If there is a need to modify/ amend the agreement signed between the licensee and the Group user, it will be done by a supplementary agreement.
- 4.51 The licensee shall raise the electricity bills on the units sold to the Group user at the applicable rate approved by the Commission.
- 4.52 The provisions of this regulation shall not in any way affect the right of a person residing in the housing unit sold or leased by **Cooperative Group Housing Society** to demand supply of electricity directly from the distribution licensee of the area on the following terms and conditions:
  - (i) The Cooperative Group Housing Society must permit any person of the society to avail supply of electricity from the Distribution licensee directly. The Cooperative Group Housing Society shall have no objection in respect of the following:
    - (a) The electricity supply by the licensee to such person shall be served from the licensee's distribution network.
    - (b) Extension of adequate distribution network by the licensee to release the supply to such person.
    - (c) Providing access for the licensee's representative to approach at any point of time to network of licensee in the premises of the group user including the point of supply to such consumer to discharge service obligations without any resistance.
  - (ii) The meter shall be installed by the licensee at the appropriate place of the premise of such consumer and the reading and billing of electricity to such person shall be executed by the licensee.
  - (iii) The licensee shall recover the charges for the electricity consumed by such person at the approved applicable domestic rates.

**(D) LT Supply for Agriculture/Irrigation Pumpsets:**

- 4.53 The procedure laid down in clauses 4.16 to 4.25 of the Code, as applicable, shall be followed for giving supply to agriculture/irrigation pump sets where extension of distribution mains and /or augmentation of distribution transformer is not required.
- 4.54 Supply for agriculture/irrigation pump set, at one point, may also be given to a registered co-operative society or to a group of farmers recognized by the licensee.
- 4.55 If on inspection of the premises, it is found that extension of distribution mains and/or augmentation of distribution transformer capacity is required, the possibility of taking up the work from financial assistance available from the Government or

financial institution like Rural Electrification Corporation etc. shall be examined. Within 10 days of receipt of application if no extension of line is required, and within 20 days of receipt of application or otherwise provided in the Standards of Performance of Distribution Licensee Regulations. If extension of line is required, the consumer shall be intimated whether the licensee can take up the work from funds available with the licensee from other sources or whether the work can be taken up only after the full cost of the works is deposited by the consumer. In case the work can be taken up only after the consumer deposits the estimated expenses, the licensee shall specify the amount along with the intimation. The work of electrification of such pump set(s), for which the full cost of the work is deposited by the consumer(s), will be taken up and completed within the period as laid down in clause 4.80 of the Code of depositing the amount by the consumer(s) if extension work is involved. New connection shall be taken up on the broad principle of first-come first serve basis. Within 3 working days of completion of work, the licensee shall intimate the date of testing of the installation of the consumer and request the consumer(s) to furnish the test report. In case he is satisfied with the test report and the wiring in the premises of the consumer, the connection shall be served within 3 working days of the inspection.

4.56 An agricultural consumer, if he so desires, may shift the location within his premises of his connection, with the approval of the licensee, after payment of charges as applicable.

**(E) LT Supply to Public Street Lightings:**

4.57 Requisition for power supply to new or additional public street lights shall be submitted in the prescribed format to the local office of the licensee by the Municipal Corporation or Municipality or Municipal Board or Gram Panchayat or Local Body or the Government Department or any other organization made responsible by the Government or local body to maintain public street lights (in context of public street lights herein after called 'local body').

4.58 The requisition for public lights shall be accompanied by resolution of the local body and the sketch indicating the number of poles, existing or new, where streetlights are required. Except otherwise directed by the Commission, the licensee may not provide a new street light connection if the local body, applying for new street light connection, has any electricity dues against it.

4.59 The fittings, brackets or any special fittings shall be in accordance with the relevant BIS specifications or its equivalent, and shall maintain, required clearances, as per prevailing rules and regulations. The local body shall bear the full cost of arranging

of power supply to public streetlights including complete fittings and brackets. In case, any special fittings are to be provided, the local body shall arrange for it.

4.60 The licensee shall intimate the cost of extension in writing within 20 days from the date of acceptance of application or otherwise provided in Standards of Performance of Distribution Licensee Regulations. The work shall be taken up only after deposit of the amount and execution of agreement by the local body.

4.61 A suitable double compartment weatherproof metal box to house the energy meter and streetlight switch/ M.C.B./ timers shall be provided by the licensee.

4.62 It shall be responsibility of municipal body/local body to do maintenance and replacement of streetlight fittings and also to switch on and switch off the streetlight. However the licensee may carry out the maintenance of streetlight fixtures on payment basis and shall arrange to switch on fifteen minutes before sunset and switch off the streetlights fifteen minutes before sunrise as per local sunset/ sunrise timings. The licensee shall also carry out replacement of fixtures/ bulbs (of same wattage) etc on the poles on request by the streetlight consumers. The fixtures, bulbs etc. shall be supplied by the consumers and replaced by the licensee within 7 days of receipt. All such services shall be chargeable. Such maintenance charges shall be included in the schedule of miscellaneous charges.

**(F) Temporary Power Supply**

4.63 Any person requiring power supply for purpose that is temporary in nature, for a period of less than one year or as provided in the tariff order of the Commission may apply for temporary power supply in the prescribed form (Annex- 1 or 2). The period of connection can be extended upto two years for building construction activities and for purpose of installation of equipments by industrial consumers for setting up their units. Application for temporary supply shall normally be given in advance however in certain exceptional case like marriage, political meeting etc the application can be given on the day on which supply is required. Where no mains extension is required and where mains extension is required in both the cases the time frame work specified in Standards of Performance for Distribution Licensee Regulations will apply. The proof of ownership / occupation or permission from the local authority or from the owner of the premises, as the case may be, where temporary connection is required has also to be attached with the application as specified in clause 4.13 of this Code.

4.64 In case temporary supply is required in premises/ place where 100 or more persons are likely to assemble, the consumer shall comply with the provisions of section 54 of the Act.

4.65 If supply is technically feasible, the licensee shall intimate the charges to be paid by the consumer for the cost of service line, meter, cut-out/ MCB and other charges etc, together with charges for the estimated electricity consumption for the period of supply applied as per tariff order of the Commission in force. All the charges shall be payable in advance.

The consumer shall have the option either to receive the material used for temporary connection or receive credit, in the final bill, for materials dismantled and returned to stores of the licensee after disconnection of supply.

4.66 In case temporary supply is required for a period more than 90 days, the licensee may permit the consumer to pay charges for estimated consumption for 90 days in advance and serve the bills for monthly consumption. In case the consumer fails to pay the bills in time and the advance with the licensee does not cover the charges for the balance period, the supply shall be liable for disconnection.

4.67 If an agricultural consumer wishes, he may seek temporary connection for agricultural use. In such case the consumer shall pay the entire amount of bill charges payable for the period of proposed connection in advance. All charges and other conditions as applicable to temporary connection shall be applicable. In case a consumer defaults in clearing any dues under this provision, he shall not be provided new connection till previous dues are cleared. The licensee shall have the right to remove any equipment specifically installed for providing supply under this provision, after the period of supply is over.

4.68 The licensee shall release the supply within 3 days of payment of charges and compliance of other requirements by the consumer for loads up to 10 KW and within 15 days for load exceeding 10KW where extension of distribution mains is not required. Where extension of distribution mains is required, the supply shall be released within 60 days in case of LT consumers, 90 days for HT consumers and 180 days for EHT consumers.

4.69 The readings of the meter may be taken during the period of the temporary connection to ensure that the charges for actual consumption does not exceed the advance payment received.

4.70 After the period of temporary supply is over and supply has been disconnected, the licensee shall send the final bill to the consumer within 10 days from the date of disconnection of supply and refund the balance amount, if any, within 20 days of surrender of original money receipt or submission of indemnity bond by the consumer. On any delay beyond the said time limit, the licensee will be liable to

pay an interest @ 1.5% per month on the amount of refund outstanding for the number of days beyond the last date of payment, as specified above.

**(H) H.T. Supply**

4.71 After receipt of application for supply of electrical energy at H.T. in the prescribed format, the licensee shall intimate the consumer in writing the date of inspection of the site to examine the feasibility. The licensee shall intimate the feasibility or otherwise of supply within 10 days of receipt of the application or as otherwise specified in the Standards of Performance of Distribution Licensee Regulations. The consumer or his authorized representative shall remain present at the time of inspection. In case supply is found feasible, the licensee shall fix the point of entry of the supplier's line, the position of meter, metering equipment and other equipments of the supplier. The consumer may with the written permission of the licensee house his own HT switchgear and other apparatus connected with the supply of electrical energy to him under the agreement signed between the consumer and the licensee and as must necessarily be placed therein; but such enclosure shall not be used for any other purpose. The licensee may insist on use of 'Ariel Bunched Cable', wherever considered appropriate, for the last span. The difference of cost of the last span on account of laying of 'Ariel Bunched Cable' with respect to overhead bare conductor shall be borne by the licensee.

4.72 Supply to HT industrial consumers shall normally be given through HT feeder exclusively meant for industries. It may be preferable to extend supply through a separate feeder from the nearest 33/11 kV or EHT substation in case of consumers with continuous process industry or load of 3 MVA or more.

4.73 Supply to new HT consumer (both at 11 kV or 33 kV) shall normally not be extended from the rural feeder. If due to the prohibitive cost of extension of separate feeder from the nearest 33/11 kV or EHT sub station, or for any other reason, the supply is given from a rural feeder, the consumer shall be informed that the supply shall be restricted and regulated in accordance with the restrictions imposed on the rural feeders as per grid conditions. Such consumer may be required to furnish a declaration to the licensee indemnifying the licensee for the restrictions in supply.

4.74 The licensee shall intimate the consumer within the time limit as specified in the Standards of Performance of Distribution Licensee Regulations, the charges required to be paid for the cost of extension, if any, and the amount of security deposit and other charges if any. Copies of the draft agreement and the form of the required test report shall also be forwarded simultaneously.

4.75 After the payment of charges including security deposit, and execution of the agreement, the licensee shall take up the work of extension of mains. If the consumer wishes, he may execute the job on his own after payment of due supervision charges to the licensee. The work shall be completed within the time limit specified in the Standards of Performance of Distribution Licensee Regulations. After completion of the installation, the consumer shall furnish to the licensee the test report and the permission from the Electrical Inspector to energize the installation. On receipt of the report(s), the licensee shall intimate the consumer in writing the date (not later than 7 days) of inspection and testing of the consumer's installation. In case the consumer's installation is found in order, the licensee shall seal the meter in the presence of the consumer and serve the connection.

**(H) Supply at Extra High Tension:**

4.76 After receipt of application in the prescribed format for supply of electrical energy at E.H.T., the licensee shall intimate the consumer in writing the date of inspection to check the feasibility of supply. The licensee and the Transmission Licensee shall carry out the inspection jointly. The consumer or his authorized representative shall remain present at the time of inspection. In case supply is found feasible, the licensee shall fix the point of entry of the supplier's line, the position of meter, metering equipment and other equipments of the supplier. The Licensee shall intimate the feasibility of supply within 10 days of receipt of the application or as otherwise specified in the Standards of Performance of Distribution Licensee Regulations.

4.77 The licensee shall intimate the consumer within the time limit specified in the Standards of Performance of Distribution Licensee Regulations the charges required to be paid for the cost of extension, if any, and the amount of security deposit and other charges, if any. Copies of the draft agreement and the form of the required test report shall also be forwarded simultaneously.

4.78 After the payment of charges including security deposit and execution of the agreement, the licensee shall request the Transmission licensee to take up the work of extension required to give supply. If the consumer wishes he may execute the job on his own after payment of due supervision charges to the licensee. The work shall be completed within 180 days or as specified in the Standards of Performance of Distribution Licensee Regulations.

4.79 After the consumer executes his internal electrical works, he shall furnish to the licensee the test report and the permission from the Electrical Inspector to energize

the installation in accordance with clause 47 of IE Rules. On receipt of the report(s), the licensee shall intimate the consumer in writing the date of inspection and testing of the consumer's installation. If the consumer's installation is found in order, the licensee shall seal the meter in the presence of the consumer and serve the connection.

#### 4.80 Target Period of Completion of Various Activities

The following table provides the target period of completion of various activities:

S. No.	Type of Service	Time Limit for Rendering the Service
1.	<p><b>LT connection</b></p> <p>a) Acceptance and Notice of inspection on receipt of complete application</p> <p>b) Inspection after sending the notice</p> <ul style="list-style-type: none"> <li>– Urban areas</li> <li>– Rural areas</li> </ul> <p><b>(i) if the extension work is not required and the connection is to be given from the existing network</b></p> <p>c) Issue of demand note to the applicant for payment of estimated charges</p> <ul style="list-style-type: none"> <li>– Urban areas</li> <li>– Rural areas</li> </ul> <p>d) Serving of power availability notice for commencement of supply after payment of necessary charges</p> <ul style="list-style-type: none"> <li>– Urban areas</li> <li>– Rural areas</li> </ul> <p><b>(ii) If the extension work or enhancement of transformer capacity is required</b></p> <p>(e) Issue of demand note to the applicant for payment of estimated charges</p> <ul style="list-style-type: none"> <li>– Urban areas</li> <li>– Rural areas</li> </ul> <p>(f) After payment of necessary charges Serving of power availability notice for commencement of supply – All connections</p>	<p>5 days</p> <p>3 days</p> <p>7 days</p> <p>3 days</p> <p>5 days</p> <p>5 days</p> <p>7 days</p> <p><span style="border-left: 1px solid black; padding-left: 10px; border-bottom: 1px solid black; display: inline-block;">20 days</span></p> <p>30 days</p>
2.	<p><b>High Tension Connection</b></p> <p>a) Informing feasibility after receipt of the application</p>	10 days

	b)	Issue of demand note of estimated charges (after issue of notice of feasibility) i) If no extension of work is involved ii) If extension work is involved	7 days 45 days
	c)	Serving of power availability notice for commencement of supply / release of connection after receipt of estimated charges subject to receipt of clearance from Electrical Inspector i) If no extension of work is involved ii) If extension work is involved – Construction of 11kV line – Construction of 33kV line	7 days 45 days 45 days
3.	<b>Extra High Tension Connection</b>		
	a)	Informing feasibility after receipt of the application	10 days
	b)	Issue of demand note of estimate charges after issue of notice feasibility	60 days
	c)	Serving of power availability notice for commencement of supply / release of connection after receipt of estimated charges – involving construction / extension of EHT line  – Involving construction / extension of EHT line and additional transformer	45 days (subject to receipt of clearance from Electrical Inspector)  180 days

4.81 The licensee shall maintain a priority register where type of connection will be categorised in following categories

- Where no extension of distribution mains is required
- Where extension of distribution mains upto two poles is required
- Where extension of distribution mains of more than two poles is required

4.82 The Commission may for reasons to be recorded, direct deviations from the above clauses 4.1to 4.81 if in the opinion of the Commission the circumstance warrants such deviation. The Commission may issue such direction by an order to the licensee.

4.83 Nothing contained in this chapter – 4 shall be taken as requiring a licensee to give supply of electricity to any premises if he is prevented from doing so due to Force Majeure conditions provided in clause 12.1

## **CHAPTER 5**

### **POINT OF SUPPLY AND LICENSEE'S EQUIPMENT IN PREMISES**

#### **Point of Supply:**

5.1 (a) Supply shall be given at a single point, in premises, at the outgoing terminal of the Licensee. The Licensee shall determine the point of supply such that the meters and other equipment are always accessible to the Licensee without obstruction for inspection.

(b) All EHT & HT consumers / applicants shall provide independent entry to the meter or metering cubicle.

(c) However, in special cases, the licensee may agree to give supply at more than one point in the installation of the consumer / applicant having regard to the physical layout of the installation and the requirements of the consumer / applicant. The arrangement will be subject to the condition that separate metering will be done and summation of demand and energy recorded at all points will be taken as parameters for billing under the relevant tariff schedule.

#### **Installation of Equipment at Point of Supply**

5.2 (a) At the point of commencement of supply, the consumer / applicant shall provide a main switch / circuit breaker from the outgoing terminal of the meter.

(b) In addition, HT / EHT consumers / applicants shall also provide suitable protective devices as per the provisions of Rule 56 and 64 of the Indian Electricity Rules, 1956 and thereafter as per regulations framed under Section 53 of the Electricity Act, 2003. The system of protection shall be got approved by the Licensee before commencement of supply.

(c) In case of HT / EHT consumer / applicant, Meter, circuit breakers and its associated equipment shall be installed by the Licensee at the point (s) of supply.

(d) HT / EHT consumer / applicant shall install step down transformers with a vector group with delta winding on the high voltage side and star winding on the low voltage side, with the neutral terminal brought out and solidly earthed.

(e) The licensee shall install and maintain the communication link facility from the grid sub station supplying the railway traction through PLCC.

### **Dedicated Feeder**

5.3 Consumers desirous of getting power supply from dedicated feeders may request for such facility to the licensee. The dedicated feeder shall be extended from the power substation to the consumer's point of supply. In such cases the consumers shall be liable to pay the cost of Bay and all protection switchgears and its accessories provided at the power substation for this feeder in addition to the cost of the feeder. On receipt of such request, the licensee will check the feasibility based on merit of providing a dedicated feeder to the consumer's premises. If found feasible, the consumer will be provided with a dedicated feeder and the consumer will be liable to pay additional charges such as supervision charges, etc. as approved by the Commission from time to time. The Licensee shall not extend electric supply to any other consumer from the dedicated feeder.

### **Licensee's Equipment at Consumer's Premises**

5.4 The consumer shall provide free of cost to the licensee necessary land belonging to the consumer and afford all reasonable facilities for bringing in not only the direct cables or overhead lines from the licensee's system for servicing the consumer, but also cables or overhead lines connecting licensee's other consumers and shall permit the licensee to install all requisite switchgears and connections thereto on the above premises and to extend supply to such other consumers through the cables and terminals situated on the consumer's premises, provided supply to the consumer in the opinion of the licensee is not thereby unduly affected.

### **Damage to Equipment at Consumer's Premises**

5.5 The meter, cut-out/ MCB, service mains and other equipment belonging to the licensee, must on no account be handled or removed by any one who is not an authorized employee/representative of the licensee. The seals, which are fixed on the meters /metering equipments, load limiters and the licensee's apparatus, must on no account be tampered, damaged and broken. The responsibility for the safe custody of licensee's equipments and seals on the meters/metering equipments within the consumer's premises shall be on the consumer.

5.6 In the event of any damage caused to the licensee's equipments in the consumer's premises by reason of any act, neglect or default of the consumer or his employees/ representatives, the cost thereof as claimed by the licensee shall be payable by the consumer. If the consumer fails to do so on demand, it shall be

treated as a contravention of the terms and conditions of supply agreement and the supply shall be liable to be disconnected after due notice. The consumer shall however be liable to pay the charges, as applicable.

5.7 The licensee is responsible for maintaining the meters and equipments, installed at consumer's premises from where electricity is supplied to the consumer.

**Failure of Fuse / Supply:**

5.8 In the event of failure of the licensee's service fuse, at any time, complaint thereof should be lodged by the consumer to the licensee's local office/call center and the Licensee shall ensure registration of complaints on round the clock basis. Only authorized employees possessing the photo-identity card of the licensee shall be permitted to replace these fuses in the licensee's cut-outs. Consumers are not allowed to replace these fuses. The licensee should not allow its employees to carry out any repairs in the consumer's installations.

## **CHAPTER 6**

### **WIRING AND APPARATUS IN CONSUMER PREMISES**

**Wiring at Consumer's Premises**

6.1 The work of wiring in the consumer's premises shall be carried out by a Licensed Electrical Contractor and should conform to the Indian Electricity Rules, 1956 until rules/regulation are framed under section 53 of the Act as well as the rules of the Fire Insurance Company in terms of which the building is insured. The materials used for wiring shall conform to the relevant specifications of the Bureau of Indian Standards or its equivalent. Wherever applicable the materials used shall bear ISI or IEC mark. As soon as the consumer's installation is completed in all respects and tested by the consumer's contractor, the consumer should submit, the contractor's test report to the licensee. The test report form (Annexure-3) for this purpose shall be submitted to the local office of the licensee.

6.2 As required by rule 45 of the Indian Electricity Rules, 1956, no electrical installation work, including addition, alteration, repair and adjustment to existing installation - except the replacement of lamps, fans, fuses, switches and other component parts of the installations - which in no way alter the capacity or character of the installation, shall be carried out in the premises on behalf of any consumer or owner for the purpose of supply of energy to such consumer or owner, except by an electrical contractor licensed by the State Government in this behalf and under the direct supervision of a person holding a certificate of competency or by a person holding a permit issued or recognized by the State Government.

- 6.3 Any person committing breach of rule 45 shall render himself liable to punishment under rule 139 of the Indian Electricity Rules, 1956.
- 6.4 Provisions of rule 32 of the Indian Electricity Rules, 1956 should be complied with in respect of consumer's installation. No cut-out, link or switch other than a linked switch arranged to operate the earthed and live conductors simultaneously, shall be inserted in the conductor of the consumer's installation to be connected to the neutral conductor of the licensee's system.

#### **General Wiring Conditions:**

##### **Mains:**

- 6.5 The consumer's mains shall, in all cases, be brought up to the licensee's point of supply and sufficient cable shall be provided for connecting up with the licensee's apparatus.

##### **Switches and Fuses:**

- 6.6 The consumer shall provide proper main switches of requisite capacity to carry and break current in each conductor near the point of commencement of supply. The switches in the consumer's premises shall be on the live wire and the neutral conductor shall be marked for identification where it leaves the consumer's main switch for connecting up to the meter. No single pole switch or cut-out should remain inserted in any neutral conductor.

##### **Balancing of Load:**

- 6.7 The consumer taking three-phase supply shall balance his load between the phases as per IE Rules

##### **Earthing:**

- 6.8 Proper earthing with earthing pipe should be done and gas and water pipes shall on no account be used for earthing purposes. All wiring shall be kept as far as possible away from gas and water pipes.

##### **Domestic Appliances:**

- 6.9 For the safety of the wiring at the consumer's premises, separate circuit for heaters, geysers, air-conditioners and for cooking apparatus like oven, microwave oven shall be run with adequate size of wire from the main distribution board of the consumer. Wall plugs used on the circuits for domestic appliances shall be of the three-pin type, the third pin being connected to "earth".

##### **Plugs:**

- 6.10 All plugs shall be provided with switches on the live wire and not on the neutral.

### **Apparatus Interfering with Licensee's System**

6.11 The licensee may discontinue the supply giving reasons if the consumer installs any instrument, apparatus that are likely to affect adversely, the supply to other consumers. Supply shall be restored on taking appropriate remedial action to the satisfaction of the licensee.

### **A.C. Motor Installations:**

6.12 The motor shall be provided with control gear so that the starting current of consumer's installation does not in any case exceed the limits given in the following schedule:

Nature of supply	Size of installation	Limit of starting current
Single Phase	Up to and including 1 HP	Six times full load current
Three phase	Above 1 HP and upto 10 HP	Three times full load current
	Above 10 HP and upto 15 HP	Two times full load current
	Above 15 HP	one and a half times full load current.

Failure to comply with these regulations will render the consumer liable for disconnection forthwith.

### **Consumer's Apparatus**

6.13 The apparatus/ appliances/ gadgets used by consumers should conform to the standards and specifications prescribed by the Bureau of Indian Standards or equivalent

All new pumping set connection / reconnections shall ensure minimum losses and to achieve the same, shall conform to the requirement of Bureau of Energy Efficiency, and shall not be inferior, and shall also have the following: -

- Friction less foot valve
- HDPE piping suction and delivery
- ISI marked energy efficient monoblock pump set.
- Capacitor of adequate rating for the pump set, as provided in the tariff order.

The licensee shall collect the data of water levels in the areas from appropriate / concerned authority / agency, and if this calls for enhancement of load, the consumer shall be required to get the load enhanced.

### **Power Factor of Apparatus:**

### **Welding Transformers:**

6.14 LT installations with welding transformers will be required to have suitable shunt capacitor(s) installed so as to ensure power factor of not less than 90%. Such consumers shall be liable to pay surcharge as specified by the Commission, from time to time, on account of poor power factor.

**Low Tension Shunt Capacitor:**

6.15 Every L.T. consumer, including irrigation pump set consumer, whose connected load includes induction motor(s) of 3 HP and above or otherwise given in Tariff Order in force, and other low power factor consuming appliances shall arrange to install Low Tension Shunt Capacitors of appropriate capacity at his cost across the terminals of his motor(s), as given in Clause 6.16

6.16(a) The consumer in whose LT connection the meter provided by the licensee does not have the power factor recording feature, shall ensure installation of shunt capacitors as per ratings indicated in the table given below and shall maintain these capacitors in working condition.

<b>Sl. No.</b>	<b>Rating of Individual Induction Motor</b>	<b>KVAR Rating of LT Capacitors</b>
1.	3 HP and above up to 5 HP	1
2.	Above 5 HP up to 7.5 HP	2
3.	Above 7.5 HP up to 10 HP	3
4.	Above 10 HP up to 15 HP	4
5.	Above 15 HP up to 20 HP	5
6.	Above 20 HP up to 30 HP	6
7.	Above 30 HP up to 40 HP	7
8.	Above 40 HP up to 50 HP	8
9.	Above 50 HP up to 99 HP	9

The consumer in whose LT connection, the meter provided by the licensee has the power factor recording feature, shall install shunt capacitors of adequate capacity to ensure power factor of 90% and above.

(b) Supply to LT installations with induction motor(s) of capacity of 3 HP and above will not be given unless suitable capacitors to improve power factor are installed.

6.17 LT consumers in whose case the meter installed does not have power factor recording feature and fails to provide LT capacitors as specified hereinbefore and fails to maintain in working condition would be liable to pay surcharge as may be specified in the tariff order from time to time. LT consumer in whose case, the meter installed has power factor recording feature and who fails to maintain power factor within specified limits, as recorded by meter, by installing appropriate capacitors would be liable to pay surcharge as may be specified in the Tariff Order from time to time.

6.18 The licensee may discontinue supply, after due notice of 15 days, to any installation where the average power factor in a month is less than 70% where meter installed is having P.F. measuring feature. In case LT capacitors are not installed or installed but not in working condition then in that case also the supply shall be disconnected after due notice of 15 days without prejudice to the right of

the licensee to levy demand/ minimum charges as applicable during the period of disconnection.

#### **High Tension Consumers:**

6.19 The following controls shall be installed (refer section 50 of IE Rules, 1956)

- (a) A linked switch with fuse(s) or a circuit breaker for consumers having aggregate installed transformer/ apparatus capacity up to 1000 kVA if supplied at voltage of 11 kV and 2500 kVA if supplied at a voltage of 33 kV.
- (b) A circuit breaker along with linked switch for consumers having an aggregate installed transformer/ apparatus capacity above 1000 kVA if supplied at 11 kV and above 2500 kVA if supplied at 33 kV.
- (c) In either case, suitable automatic circuit breakers shall be installed on the low tension side of each transformer or on each feeder.

#### **Extra-High Tension Consumer**

6.20 Extra-High Tension consumer shall install a circuit breaker on HV side of the transformer (refer section 50 of IE Rules 1956).

#### **HT/ EHT Consumers**

6.21 All transformers, switch-gears and other electrical equipments in the installation of the consumer and also those directly connected to the feeders or lines of the licensee shall be of suitable design and be maintained by the consumer to the reasonable satisfaction of the licensee. The setting of fuses and relays on the consumer's control gear, as well as the rupturing capacity of any of his circuit breakers, shall be subject to the approval of the licensee.

6.22 Notwithstanding the provisions under clause 6.19 it is necessary that the consumer should obtain prior approval of the Electrical Inspector about the suitability of protective devices or circuit breakers in accordance with the provisions of the prevailing laws, rules and regulations.

6.23 The consumer shall maintain a power factor of 90% and above. Consumers shall be liable to pay surcharge or receive incentive specified by the Commission, from time to time, on account of variation from specified power factor. The Railway traction consumers shall also maintain a power factor of 90% and above or as provided in Tariff Order. The licensee may discontinue supply except Railway traction, after due notice of 15 days, to any installation where the average power factor is less than 70% without prejudice to the right of the licensee to levy demand/ minimum charges as applicable during the period of disconnection.

### **Inspection and Testing of Consumer's Installation**

- 6.24 Before any wiring or apparatus in the case of low-tension consumer, and any transformer, switchgear or other electrical equipment in the case of high-tension consumer is connected to the system, it shall be subject to inspection and approval of the licensee and no connection shall be made without the licensee's approval. In addition, all high-tension installations will have to be approved by the Electrical Inspector and all electrical installations in mines will have to be approved by the Inspector of Mines.
- 6.25 Upon receipt of the test report, the licensee will notify to the consumer the time and day when the licensee proposes to inspect and test the installation. The consumer shall ensure that the Licensed Electrical Contractor or his representative, technically qualified, employed by him is present at the time of inspection to furnish to the licensee any information concerning the installation required by him. The licensee shall provide a copy of the inspection report to the consumer and obtain the acknowledgement of the consumer.
- 6.26 Manufacturer's test certificate in respect of all H.T. apparatus shall be produced, if required, by the Licensee.
- 6.27 The licensee shall not connect the conductors and fittings at the consumer's premises with its works unless it is reasonably satisfied that the connection will not at the time of making connection cause a leakage from the installation or apparatus of a magnitude detrimental to safety. The value of the insulation resistance should be as provided in Rule 48 of I.E. Rules 1956.
- 6.28 If the consumer's installation is found to be not safe for connection, the licensee shall advise the consumer in writing specifying the defects to be rectified. On receipt of intimation of rectification of defects, the licensee shall retest the installation.
- 6.29 The licensee shall levy no charge for the first test. Subsequent tests, necessitated due to faults found at the initial test shall be charged for in accordance with the rates approved by the Commission. The licensee will not accept any responsibility with regard to the maintenance or testing of wiring on the consumer's premises.

### **Extensions and Alterations:**

- 6.30 No electrical installation work, including additions, alterations, repairs and adjustments to existing installations, except such replacement of lamps, fans, fuses, switches, low voltage domestic appliances and fittings as in no way alters its capacity or character, shall be carried out upon the premises of or on behalf of any consumer, for the purpose of supply to such consumer except by an electrical

contractor licensed in this behalf and under the direct supervision of a person holding a certificate of competency. Extension or alteration of load to all high-tension installations will have to be approved by the Electrical Inspector and similarly for all extensions and alterations of electrical installation in mines will have to be approved by Inspector of Mines.

6.31 If as a result of such proposed extensions and alterations, there is possibility of an increase in connected load or contract demand over sanctioned connected load or contract demand, the consumer shall take steps to submit requisition for additional supply. Failure to regularize the increase in connected load or contract demand may not only result in billing at the penal rates, as provided for under the rules, but may also result in disconnection of supply after due notice.

#### **Access to Consumer's Premises**

6.32 The licensee or his authorized staff may, at any reasonable time, and on informing the occupier of their intention, enter any premises to which electricity is supplied is or has been supplied by the licensee to any premises or land under, over across, in or upon which the electric supply lines or other works have been lawfully placed by the licensee for the purpose of (i) inspecting and reading meters (ii) for disconnecting supply, (iii) for removing the licensee's apparatus, (iv) for inspecting testing, repairs, replacing, altering and maintenance of its property or for doing all things necessary or incidental to proper continuance and maintenance of supply to the consumer. All such persons visiting consumer's premises must carry photo-identity cards issued by the licensee and shall produce the same to the consumer or the occupier before entering the premises. The consumer should immediately check with the licensee if the credentials of representatives are doubtful.

6.33 The Licensee or his authorized staff shall be entitled to enter the premises immediately after informing the consumer, for checking unauthorised use of energy, unauthorized additions and alterations to equipment, theft and misappropriation of energy, diversion of power, by-passing or tampering of the meter, or for general inspection and testing. On detection of unauthorised use of energy, unauthorized addition and alteration to equipment, theft and misappropriation of energy, diversion of power or bypassing or tampering of the meter the licensee may take actions as per prevailing laws.

6.34 Provided that no inspection, testing or checking of any domestic premises shall be carried out between sunset and sunrise except in the presence of an adult male member occupying such premises.

- 6.35 If the consumer does not provide access to the licensee or its authorized representatives to enter the premises for the reasons stated in clause 6.32 and clause 6.33, the licensee may give a 24 hours notice in writing to the consumer, of its intention to discontinue the supply. If the consumer still does not provide access, the licensee shall be entitled to discontinue supply to the consumer.
- 6.36 If the insulation resistance of the consumer's installation is found to be so low as to prevent safe use of energy, the licensee or his authorized representative after giving 48 hours notice shall, without prejudice to other actions as per law, disconnect the supply of power to such premises till the defects are removed, in accordance with Rule 49 of Indian Electricity Rules 1956.,

**Rating of Installations:**

- 6.37 The connected load of Domestic category of consumers shall be determined as per the procedure given in Annexure-4. Survey of load shall be carried out normally once in two years. The licensee may also carryout verification of load in selected areas periodically. However, if the licensee has reasons to believe that a particular domestic connection or a group of domestic connections might be involved in unauthorised abstraction of power, the officer in-charge may conduct a survey of the consumer's premises.
- 6.38 The licensee shall send formats of 'self declaration of connected load' along with electricity bills to all consumers once in six months. The consumers may fill-up the form, if his actual current connected load is at a variance from the recorded connected load and submit to the licensee while making payment of the bill. The domestic consumers may also declare enhanced connected load of his premises, any time during the year, by completing the format given in Annexure- 4A and submitting the same to the licensee along with an application for change in connected load.

On receipt of application / declaration the licensee may arrange to conduct a survey of the premises of the consumer to determine the load of the premises. In case such a survey is not carried out within thirty days from the date of submission and the load applied for is higher than the recorded load of the consumer, the load declared by the consumer shall be deemed to have been accepted. The licensee shall issue the demand note for additional charges, if any, immediately.

- 6.39 The connected load of all categories other than Domestic category of consumers shall be the aggregate of the manufacturer's rating plates of all energy consuming devices, in the consumer's premises, which can be used simultaneously. This shall be expressed in kW, kVA or HP. During the process of determination of connected

load, if the manufacturer's rating plate is not available, the licensee may use suitable apparatus to determine the load of such device. If, both air-conditioner and room heater are found in the same premises, the load of the item with higher rating shall be taken into account. Items stocked for the purpose of sale/ repair or genuinely as spare shall not be considered for the purpose of determination of connected load. The licensee shall carryout periodic survey of streetlights and record the type of lamps being used along with their load.

- 6.40 All installations other than those of Domestic category are subject to rating/re-rating by the licensee at its discretion. If the consumer is not satisfied with the rating determined by the licensee, he may get his apparatus rated by one of the recognized engineering institutes approved by the licensee for determination of load of apparatus. Both the consumer and the licensee may appoint their respective representatives to be present during the process of determination of load at the institute. The final report issued by the institute shall be accompanied with the details of test(s) conducted. The rating determined by the said institute shall be final and acceptable to both the consumer and the licensee.
- 6.41 Where for any reason, it is not possible to determine the maximum demand, power factor or any other electrical quantity in respect of an installation, the licensee shall determine such quantities periodically by rating/re-rating, and the procedure for the same shall be got approved by the Commission.
- 6.42 If a consumer applies to the licensee for re-rating his installation due to additions or alterations in the installation, the procedure as stated in clause 6.37 to clause 6.41 shall apply.

#### **Parallel Operation with the Supply System of the Licensee**

- 6.43 Operation of generator in consumer's installation in parallel with the licensee's system is permissible only with the written consent of the Licensee. However, the consumer may install generator, inverter to use only in the case of failure of power supply, and the consumer shall install double link switch changer so that the current of generator/inverter may not be injected in the licensee's distribution system. The capacity of the generator/inverter shall not be taken into account for calculation of connected load.
- 6.44 Where no such consent has been given, the consumer shall arrange the plant, machinery and apparatus of his generating units, including an extension of or addition to the same, to operate in an isolated mode and the generator, in no case, should get connected to the licensee's system. The licensee, on intimating the

consumer, can enter the premises and inspect the arrangement to ensure that at no time the generator gets connected to its system.

- 6.45 Where consent has been given for parallel operation, the consumer shall arrange his installation to protect it from disturbances in the licensee's system. The consumer should also ensure that his supply does not get incorrectly connected to the licensee's system. The licensee shall not be liable for any damage caused to the consumer's plant, machinery and apparatus on account of such parallel operation, or any adverse consequence arising thereof. For parallel operation with the grid, the consumer shall have to follow the provisions of the Bihar Electricity Grid Code and other relevant regulations. The actual operations shall be carried out in coordination with both the State Transmission Utility and the licensee.
- 6.46 In case the consumer's supply gets extended to the licensee's system from a generator or inverter or from any other source, without appropriate approval from the licensee, causing damage to the licensee's apparatus or to human life, the consumer shall be liable for the same and shall duly compensate the licensee for all losses caused to the licensee or to the licensee's other consumers.

### **Harmonics**

The licensee shall publicise the need for installation of Harmonic filters. All HT consumers, and LT commercial consumers (above 15 KW) to begin with, shall be given a time period of one year from the date of implementation of this Code, after which, Harmonic filters shall become mandatory on such consumers.

- 6.47 If the licensee detects and proves to the consumer that the consumer's system is generating harmonics above acceptable limits, the licensee shall request the consumer to install appropriate harmonic filter. The consumer shall install such filters within a period of six months from the date of request by the Licensee.

## **CHAPTER 7**

### **SERVICE CONNECTION RELATED MATTERS**

#### **Contract Demand**

- 7.1 The Contract Demand for LT consumers without Maximum Demand based (two part) tariff shall be the connected load of the premises as per the agreement entered into between the consumer and the Licensee.
- 7.2 The Contract Demand for LT Consumers with MD based tariff and all HT and EHT consumers shall be as per the agreement entered into between the consumer and the Licensee and having regard to the requirement of the consumer's installation.

## **Procedure for Disconnection of Supply**

7.3 The supply may be disconnected temporarily or on a permanent basis as per the procedure described below:

- (i) The Licensee shall remove service line, meter etc after permanent disconnection.
- (ii) However, the Licensee may not remove service line, meter etc in case of temporary disconnection.
- (iii) The licensee may remove service line / cable if he has sufficient reason of unauthorized use of electricity in case of temporary disconnection. However meter shall not be removed in such cases.

## **Temporary Disconnection**

7.4 The supply shall be disconnected temporarily only after due diligence, and if the cause of the disconnection is not removed within the number of days indicated in notice served in the manner as described in Section 171 of the Act, in each of following cases, within:

- (a) The disconnection date indicated in the notice served to the consumer, but not less than 15 days, if electricity bills on account of charges of electricity, or any sum other than a charge for electricity, are not paid, provided further that the amount of bill indicated in notice is not stayed by any court of law, else, the supply shall not be disconnected.

Provided that the supply of electricity shall not be cut off if such person deposits, under protest, –

- (i) an amount equal to the sum claimed from him, or
- (ii) the electricity charges due from him for each month calculated on the basis of average charge for electricity paid by him during the preceding six months,

whichever is less, pending disposal of any dispute between him and the licensee.

- (b) After a minimum period of seven days, if of a particular business / industry, any activity being carried out becomes unlawful due to lack of necessary permission or withdrawal of permission from the authority competent in law.
- (c) After a minimum period of seven days, if the power factor of consumer's installation other than the following categories of consumer is less than 70% during any billing period unless otherwise specified in the tariff order :
  - (i) Domestic having connected load up to 10 KW
  - (ii) Non-domestic having connected load up to 5 KW

- (d) Within 48 hours,
  - if the wiring, apparatus, equipment or installation at the premises of any consumer is found to be defective,
  - if there is leakage of electricity,
  - if the consumer is found to have altered the position of the meter and related apparatus,
  - if the consumer uses any apparatus or appliance or uses the energy in such manner as to endanger the service lines, equipment, electric supply mains and other works of the Licensee,
  - if the limits of Maximum current demand at the consumer installation is exceeded beyond the limits indicated in table under clause 6.12,
  - if it is found that consumer is using electricity in any manner which unduly or improperly interferes with the efficient supply of energy to any other consumer.
- (e) The disconnection date indicated in the notice served to the consumer, but not less than 15 days, if consumer defaults in making payment of the assessed amount as a result of unauthorized use of electricity as per the procedure specified in clause 11.1 of the Code. Provided that serving of notices before disconnection shall not be essential in cases of theft of electricity where the licensee has a *prima facie* evidence and in such other cases wherever express provisions for disconnection have been made.
- (f) At least 30 days, if the consumer fails to deposit the additional security or the security has become insufficient.
- (g) After a minimum period of 24 hours, if the consumer fails to give the Licensee or his authorized person reasonable facility for such entry or performance as specified in clause 6.32 to 6.36 of the Code.
- (h) After a minimum period of seven days, in case of dishonoring of the cheque by the bank (non-encashment of cheque)]

7.5 (a) The Licensee shall, after a connection is temporarily disconnected, bill a consumer on minimum charges, and also issue a notice, format given in Annexure -5, to the consumer, to remove the cause of disconnection failing which, the supply shall be disconnected permanently and agreement shall be terminated after the notice period for termination of agreement as specified in clause 7.13 of the Code or on completion of initial period of agreement whichever comes later. Such connection shall be treated as dormant connection (awaiting final account), and the billing shall be stopped

after carrying out inspections and duly informing the consumer, and final account of the consumer shall be prepared.

(b) Wherever licensee discovers that connection has been re-connected unauthorisedly after temporary disconnection, licensee may initiate action as per provisions of Section 138 of the Act.

#### **7.6 Permanent Disconnection**

(i) The supply shall be disconnected permanently in following cases:

- (a) With the termination of the agreement.
- (b) If the cause for which the supply was temporarily disconnected is not removed within the notice period specified in the agreement for termination of agreement or initial period of agreement whichever is later.
- (c) On request of consumer as described under clause 7.14(2) of the Code.

(ii) If the dues are not paid by the consumers the delayed payment surcharge payable by the consumer on dues shall be levied upto the period of issue of notice under clause 7.5 of the Code.

(iii) The security amount shall be adjusted first and after adjusting the security amount the net arrear shall be calculated on which delayed payment surcharge shall be payable by the consumer.

#### **7.7 Procedure for Reconnection**

- (a) A Connection that is disconnected permanently shall not be reconnected and the consumer shall have to apply for a new connection.
- (b) In case of temporary disconnection, supply shall be reconnected after the cause of disconnection has been removed.
- (c) If the disconnection was on account of non-payment of bill, the connection shall be reconnected on an application of the consumer accompanied by the copy of the payment receipt of the dues.
- (d) On receipt of payment of dues along with the prescribed disconnection and reconnection fee. Supply shall be reconnected within 24 hours of the submission of the complete application. Provided where service cable/conductor has to be re-erected, the connection shall be reconnected within 48 hours.
- (e) If payment is made by Cheque (other than Banker's Cheque) supply may be reconnected after realisation of the Cheque.

- (f) In other cases, the applicant shall apply for reconnection after removal of the cause along with the prescribed disconnection & reconnection fee and the following documents:
  - (i) Receipt of payment of disconnection/reconnection fee.
  - (ii) Test report by a Licensed Electrical Contractor (LEC), if the disconnection was made under clauses 7.4 (d) and 7.4 (e).
  - (iii) Documentary evidence of removal of cause if the disconnection was made under clause 7.4
  - (iv) An affidavit in cases covered under clause 7.4 (e).
  - (v) Receipt of payment for regularisation of excess load (security amount, system loading etc) in cases covered under clause 7.4 (f)

The Licensee shall inspect the premises on intimation of removal of cause of disconnection by the consumer and if he is satisfied that the cause of disconnection has been removed the supply shall be reconnected within 24 hours of intimation and 48 hours where service connection are to be re-erected.

## 7.8 Change of Category

- (i) “Category of Consumer” means the Tariff Schedule under which a consumer is billed as per latest applicable Tariff Order of the Commission. The applicant shall apply for change of category from one tariff rate schedule to another in the format prescribed at Annexure I or II. Tariff change from any L.T. category to Agriculture category shall not be permissible. Tariff change from higher rate to lower rate shall be done only after completion of compulsory period of availing supply.
- (ii) In case sanction of new category is not permitted under any law in force, the Licensee shall inform the consumer within 15 days from the date of acceptance of application.
- (iii) The Licensee shall inspect the premises to verify and shall change the category within the time limit specified in the Standards of Performance of Distribution Licensee Regulations from the date of receipt of application.
- (iv) Change of category shall be effective from next billing cycle.
- (v) No case of unauthorized use of energy shall be booked by the Licensee if detected after the consumer had applied for change of category and change is legally permissible.

- (vi) The application of the consumer shall be treated as fresh application and accordingly he will deposit processing fees, new additional security, if any, and execute supplementary agreement wherever necessary.
- (vii) In case of Govt. residential quarter mutation in favour of any new occupant shall be allowed after the new occupant furnishes the letter of allotment and proof of date of occupancy in such cases mutation shall be allowed from date of occupancy.

#### **7.9 Transfer of Connection and Mutation of Names**

- (a) A connection shall be transferred in the name of another person upon the death of the consumer or in case of transfer of ownership or occupancy of the premises, upon an application of the consumer.
- (b) Application for mutation shall be filed, in the prescribed format Annexure I or II, along with prescribed fee by the transferee or the legal heir or successor of the deceased consumer with the local office of the Licensee.
- (c) The application shall be accompanied by documentary evidence of transfer or legal heir ship or succession and proof of no arrears on account of electricity charges on that connection.
- (d) The Licensee shall decide the mutation case within the time limit specified in the Standards of Performance of Distribution Licensee Regulations of the Licensee.
- (e) However, if the mutation application is to be disallowed and mutation is refused the orders shall be passed only after the applicant has been given an opportunity to present himself, by a speaking order. Provided further, that in case where mutation is not allowed, the transferee seeking the transfer, may agree to continue the connection in the old name (but not in case of consumer's death), or may have choice to seek permanent disconnection and apply for new connection.
- (f) The transferee or the legal heir shall submit a fresh agreement, in the prescribed format, along with pending dues, if any, within 14 days. The transfer shall be affected and a copy of the agreement shall be sent to the consumer within 7 days.
- (g) In case of Private Tubewell (PTW) consumers, suo-motu mutation may be undertaken after taking the report from the Government revenue department. However the legal heir shall be responsible for clearing the electricity dues, and shall submit an affidavit to this effect.

(h) In case of Govt. residential quarter mutation in favor of any new occupant shall be allowed after the new occupant furnishes the letter of allotment and proof of date of occupancy in such cases mutation shall be allowed from date of occupancy.

#### **7.10 Procedure in Case of Change in Wiring and / or Apparatus or Shifting of Service Line in the Premises of the Consumer:**

The consumer may apply to the licensee for any changes in their premises related to wiring / apparatus / service line, after clearing all dues pending if any provided the same are not stayed by any court, subject to the following:

- a. The consumer shall get all work relating to wiring on his premises only by or under the supervision of a Licensed Electrical Contractor and obtain a Work Completion certificate and Test report., as prescribed by Indian Electricity Rules, 1956 until Regulations are issued under the Electricity Act, 2003.
- b. No reference shall be made to the Licensee if the change in wiring of LT loads does not result in dislocation of the meter or other related apparatus and there is no change in the load. However, the consumer shall produce the test report if required by the Licensee in future.
- c. In other cases, if the consumer desires to alter the wiring on his premises, or change the location of meter or other related apparatus or shift the service line on his premises notice thereof shall be sent in writing with the modified wiring diagram and other necessary details to the Licensee. The Licensee shall after due enquiry grant approval, intimating the estimated charges to be deposited by the consumer with or without modification to the proposal, or reject the request stating reasons thereof, in writing, within the time limit specified in the Standards of Performance of Distribution Licensee Regulations.
- d. The work relating to change in wiring shall be done by the consumer through a licensed electrical contractor and the work completion certificate along with test results shall be provided to the Licensee. The Licensee shall inspect the premises to confirm that the alteration(s) is in accordance with the approval given by him and the Indian Electricity Rules, 1956 until Regulations are issued under the Electricity Act, 2003.

e. The work of change in position of point of supply, meter or related apparatus and shifting of service line shall be done by the Licensee at the cost of the consumer. The estimate for this work shall be sent to the consumer along with the approval and work shall be completed within the time specified in the Standards of Performance of Distribution Licensee Regulations from the date of the money deposited.

#### **7.11 Procedure for Enhancement of Contract Demand / Connected Load**

- (1) Applications for enhancement of load shall be submitted in duplicate to the concerned officer of licensee in the prescribed form (attached as Annex 1&2).
- (2) The licensee shall inspect the premise within seven days of receipt of application or otherwise provided in the Standards of Performance of Distribution Licensee Regulations to examine the feasibility of supply of the enhanced load and intimate the consumer:
  - (a) Whether the additional power can be supplied at the existing voltage or at a higher voltage.
  - (b) Whether any addition or alterations are required to be made to the system and the cost to be borne by the consumer.
  - (c) Amount of additional security deposit, cost of additional infrastructure and the system strengthening charges if any, to be deposited.
  - (d) Change in the classification of consumer, if required.
- (3) The application for enhancement of the contract demand will not be accepted if the consumer has any arrears of payment of the licensee's dues. However, the application may be accepted if the payment of arrear due from the consumer has been stayed by a Court of law, or by the Commission or an authority appointed by the Commission.
- (4) If supply of enhanced load is found feasible, the consumer shall be asked to:
  - (a) Furnish work completion certificate of consumer's installation and Test report from a licensed electrical contractor where alteration of installation is involved.
  - (b) Furnish Letter of approval for the electrical installation of the consumer from the Electrical Inspector, if required.
  - (c) Deposit additional security deposit, cost of addition or alteration required to be made to the system, if any, and the system strengthening charges as applicable.

- (d) Execute a fresh agreement as per enhanced load which shall be a new statutory agreement period and the old agreement shall stand terminated.
- (5) If no addition or alteration to the system including new/ alternate metering arrangement is required, the enhanced load will be released within 20 days or as specified in the Standards of Performance of Distribution Licensee Regulations subject to completion of the requisite formalities. If the system needs any alteration or addition, the procedure as given for a new connection shall be followed.
- (6) In case of 'Railways Traction', the consumer may be provided such additional supply in excess of contract demand as may be agreed between the licensee and the consumer after the latter has given due notice of six weeks in writing of his desire to have the contract demand altered.

## **7.12 Procedure for Reduction of Contract Demand / Connected Load**

- (1) Application for reduction of load, after the expiry of initial period of agreement, upto the limit specified in clause 7.12(5) of the Code shall be made in duplicate to the concerned officer of Licensee in the prescribed form along with the following documents:
  - (a) Details of alteration/ modification/ removal of the electrical installation along with work completion certificate and Test report from a licensed electrical contractor where alteration of the installation is involved.
  - (b) Any other reason for reduction of contract demand.
  - (c) Maximum demand recorded in the last two billing cycles if the meter has facility to record maximum demand along with the electricity bills for the same.
  - (d) Details of generators, if any, installed by the consumer along with copies of the safety clearance certificate issued by the competent authority for installation of the generators.
- (2) On receipt of the application for reduction of load, the licensee after verification shall sanction the reduction of load within thirty days or notice period for termination of agreement as specified in the agreement whichever is later from the date of acceptance of application.
- (3) If the sanction is not granted by the licensee within the period specified in clause 7.12(2) above, the applicant may, by a written notice to the licensee, draw its attention to the matter and if the decision is still not communicated to the applicant within the period of further thirty days, the permission of reduction of contract demand shall be deemed to have been granted.

- (4) The reduced Contract Demand shall take effect from the first day of the month following the month in which the sanction is communicated or 'deemed permission is granted'.
- (5) The above reductions are subject to permissible minimum contract demand specified in clause 3.4 of the Code. Request of the consumer for reduction in contract demand of his connection shall not be refused by the licensee on the ground that there are dues payable to the licensee against the connection.
- (6) In all existing agreements executed prior to this Code coming into effect, if there is any provision regarding restriction on reduction of Contract Demand, the same shall be deemed to have been modified to the extent of the provision made in this Code.
- (7) When reduction of contract demand is agreed to, the consumer shall execute a fresh agreement for reduced load. The licensee shall recalculate the security deposit and any excess security deposit shall be adjusted in future bills not exceeding six succeeding bills.
- (8) The reduction of Contract Demand load shall not be permitted in following cases
  - (i) Arc / Induction furnaces, rolling and re-rolling mills and mini steel plants shall not be allowed to reduce the load below the total rating of machines and furnaces installed in the premises, except in case of removal of any equipment or replacement of any old equipment by new equipment and also to the extent of captive generation capacity that may be installed and is operating in parallel. Auxiliary load shall be excluded.
  - (ii) Contracted load shall not be reduced below the total rating of installed machines in case of Small & Medium industrial and private tube wells consumers, having no MDI meter.
  - (iii) Load shall normally not be reduced within initial period of the agreement from the date of commencement of supply. However, if the consumer is willing to pay the fixed/minimum charge applicable for the quantum of contracted load surrendered /reduced for the balance period of initial period of agreement or period of notice specified in the agreement for that category of consumer, whichever is higher, reduction may be allowed.
  - (iv) No application for reduction of load shall be rejected without recording reasons and the decision shall be communicated to the applicant.

### **7.13 Agreement**

- (1) An agreement, in the format approved by the Commission, shall be executed by the applicant on a stamp paper of a prescribed value in duplicate, for getting a new connection and for change in the agreed parameters like contract demand, etc. In case of single phase domestic and non domestic consumers, the application form itself shall be treated as agreement and the main ingredient of agreement shall be incorporated in the application form. In any special circumstances, special clauses may be added to the agreement, if agreed to between the licensee and the consumer, provided such clauses do not contravene the provisions of the Electricity Act 2003 (36 of 2003), the Electricity Supply Code, and other rules and regulations in force. These special clauses shall form a part of the agreement. A copy of the stamped agreement shall be given to the consumer after execution and commencement of supply. The maps submitted, agreed upon and signed by both the consumer and the licensee shall form a part of the agreement.
- (2) The compulsory period of availing supply from the date of commencement of supply or initial period of agreement shall be one year for LT consumers and two years for HT consumers. The licensee may modify the structure of the agreement formats presently in use with the approval of the Commission in order to meet any requirement that may arise as a consequence of the provisions of this Code so that the format is consistent with the Act and prevailing Rules, Regulations and the provisions of this Code.
- (3) No consumer shall sell electricity supplied to him by the Licensee to any other person.
- (4) In case of breakdowns in electricity supply system of the licensee, the supply of electricity to the consumer may be curtailed, staggered or cut-off as may be warranted according to the situation. The licensee may also curtail, stagger or cut-off electricity supply to consumers on account of periodical maintenance of electricity supply system, after giving due notice to the consumers.
- (5) The licensee may resort to regulation (planned load-shedding) of supply to the consumers, after due notice, if the Commission orders accordingly as per the provisions of section 23 of the Act.

- (6) The electricity supplied to the consumer shall not be utilized by the consumer in any manner prejudicial to the licensee and all usage must be in accordance with the provisions of the agreement and the Act as applicable.
- (7) No consumer shall divert the use of electricity to any other purpose, other than that mentioned in the agreement or extend the line beyond its premises other than that for which it was sanctioned by the licensee, until and unless prior sanction of the licensee is obtained for such diversion or extension.
- (8) If there is a need to modify/ amend the agreement signed between the licensee and consumer, it will be done by a supplementary agreement.
- (9) Where the consumer's installation is disconnected from the licensee's supply as per direction of the Government or the Electrical Inspector, the supply shall be reconnected on payment of prescribed reconnection fee with the approval of the Government or the Electrical Inspector or other appropriate authority, as necessary. During the period of temporary disconnection the consumer shall be liable to pay the demand/ minimum charges.
- (10) Any amendment for the purpose of change of name, shifting of premises within the same billing area, change in connected load/contracted load, change of tariff category, etc. shall be done and the same shall be incorporated in the agreement by execution of a supplementary or a fresh agreement.
- (11) A register of agreements executed by all LT and HT consumers shall be maintained by the Licensee at its designated office.

#### **7.14 Termination of Agreement**

- (1) The agreement shall remain in force even after completion of the initial period of agreement until it is terminated. Domestic and single-phase Non-domestic category of consumers may terminate the agreement after giving one month's notice. Consumers other than domestic and single phase non-domestic under LT category can terminate the agreement on giving three month's notice. In case of HT six month's notice and one year in case of EHT & Railway is required.

Provided that the agreement shall normally be terminated after expiry of the initial period of agreement. However, if the agreement is to be terminated for reasons whatsoever, before expiry of the initial period of agreement, the consumer shall be liable to pay charges as per tariff order

for the balance period of the said one-year in case of LT and two years in case of HT or notice period specified in the agreement whichever is higher. The licensee shall arrange for special meter reading, at a mutually acceptable date, to facilitate preparation of the final bill of the consumer. The agreement shall be terminated on the last day of the billing month and the licensee shall raise the final bill accordingly.

- (2) If power supply to a consumer remains disconnected for a period more than notice period for non-payment of charges or dues or non-compliance of any direction issued under this Code, the licensee shall issue a show cause notice, to be replied within seven days, to the consumer for termination of the agreement. In case no effective steps are taken by the consumer for removing the cause of disconnection and for restoration of power supply, the agreement of the licensee with the consumer for power supply shall be terminated on expiry of the period of seven days, provided the initial period of the agreement is over. If initial period is not over the provision given under Clause 7.14(1) above shall apply. During the period of temporary disconnection the consumer shall be liable to pay the demand charges or minimum charges as applicable.
- (3) On termination of the agreement, the licensee shall be entitled to remove the service line and other equipment of the licensee for supply of power from the premises of the consumer. After permanent disconnection, if the consumer wishes to revive the connection, then it would be treated as an application for new connection and would be entertained only after all outstanding dues have been cleared.

### **7.15 Security Deposit**

- (1) The licensee may take a security deposit from the consumers for consumption equivalent to the estimated consumption of specific period as indicated in the table below or as otherwise provided in Tariff Order in force.

<b>Sr No</b>	<b>Nature of Consumer</b>	<b>No. (of months)</b>	<b>Remarks</b>
1	Agricultural	Three	Annual average to be estimated/considered
2	Seasonal	Two	Consumption during the season of operation to be estimated considered
3	Other consumers	Two	Annual average to be estimated/considered

(2) Consumer shall have the option to make advance payment and in such event security amount shall be proportionately fixed. The procedure for determination of security deposit, for different categories of consumers, shall be determined by the licensee and approved by the Commission. The deposit shall be accepted in the form of cash, cheque or draft in case of LT consumers and in the form of draft or banker's cheque in case of HT consumers.

The Licensee shall maintain separate head of account of such security deposits. On termination of the agreement, the security deposit will be refunded to the consumer after adjustment of the amount, if any, remaining payable by him.

(3) The amount of the security deposit obtained from the consumer will be reviewed by the licensee, annually on the basis of consumption during the previous 12 months for LT consumers, and half-yearly on the basis of consumption during the previous six months for HT/EHT consumers. The consumer shall be required to pay an additional security deposit / shall be refunded based on his average consumption during the period concerned and the tariff applicable etc. if it exceeds / is lower than the amount of the security deposit held by the licensee, by 20%.

(4) In the case of consumers who were sanctioned additional load, the additional security deposit shall be calculated for the additional load as treating it a new service.

(5) On the consumer's request, the licensee may allow the consumer to pay additional security deposit in maximum three instalments.

(6) The licensee shall serve a notice of at least one month to deposit the additional security deposit. If the consumer fails to pay the additional security deposit as per the notice, the licensee is entitled to refuse or discontinue the supply of electricity so long as such failure continue. The consumer will be liable to pay delayed payment surcharge on reducing balance in case of instalment system if he delays payment of security deposit.

(7) The distribution licensee shall pay interest, at the bank rate notified by the Reserve Bank of India from time to time on such security deposits taken from the consumer. In this regard it shall be the responsibility of the licensee to keep a watch on the bank rate from time to time. The interest

amount of previous financial year shall be adjusted in the energy bill issued in May / June of each financial year depending on billing cycle.

(8) The security deposit along with interest thereon, if any, shall be returned to the consumer, upon termination of the agreement and after adjustment of all dues, within 60 days of completion of formalities by the consumer. In case of delay beyond 60 days period, additional interest at the rate mentioned at Clause (7) above shall be payable to the consumer as approved by the Commission.

(9) The distribution licensee shall not take security deposit if the person requiring the supply is prepared to take the supply through a pre-paid meter.

## **CHAPTER 8** **METERS**

### **Licensee's Obligation to Give Supply on Meters: Requirement of Meters**

8.1 (a) No new connection shall be given without a Meter and Miniature Circuit Breaker (MCB) or Circuit Breaker (CB) of appropriate specification from the date of notification of this Code.

(b) All unmetered connections including private tubewells, streetlights shall be metered by the licensee.

(c) The Licensee shall not supply electricity to any person, except through installation of a correct meter in accordance with the operation and installation of meters regulations issued by the Central Electricity Authority under Electricity Act, 2003.

Provided that the Commission may, by notification, extend the said period for a class or classes of persons or for such area as may be specified in that notification.

Provided also that if a person makes default in complying with the provisions contained in the clause 8.1 the Commission may make such order as it thinks fit for requiring the default to be made good by the generating company or licensee or by any officer of a company or other association or any person who is responsible for the default.

8.2 All consumers shall have to accept the installation of an appropriate metering device, load-limiter, tamper proof boxes or other apparatus when the licensee approaches them to install one, and the consumer shall be required to provide appropriate and suitable site for placement of meter and related equipments to the satisfaction of the licensee.

8.3 In case of HT supply, if HT metering cannot be readily provided, LT metering may be provided on the LT side of the consumer's transformer. In such cases, electrical quantities for billing purposes shall be computed by adding three percent to the reading recorded on the LT meter towards transformation loss. This arrangement shall in no case continue for more than three months and the licensee shall arrange to install a meter on the HT side of the transformer within the said period including such existing connections/existing transformers. The licensee shall inform such cases to the Commission.

8.4 If supply to an HT or EHT consumer is given on an independent feeder for his exclusive use, the metering arrangement may be installed both at the consumer's premises and at the Licensee's Sub station.

8.5 The licensee is authorised to review the status of the meters already installed in the context of upgraded technology becoming available and suitability of the site where meter is placed in the consumer's premises. The licensee may install remote metering device in the consumer premises as per the technical requirements of the specific device and in such cases the consumers shall provide access to the meter through his telephone line. The licensee may also install maximum demand (MD) meter having MD recording feature or such additional features in the consumer's premises. The licensee is also authorised to install 'check meter' at one consumer's location or for a group of consumers. In case the difference in consumption recorded by the 'check meter' and the 'billing meter' is found to be more than permissible limits, the licensee shall be free to install the billing meter on electricity pole or pillar boxes after giving due intimation in writing to the consumer. The licensee shall inform such cases to the Commission.

**8.6 Classification of Meters, etc:**

The Meters for new connections shall be of standard & make that is certified by BIS / IEC/CBIP or any other superior specification as specified in Central Electricity Authority Regulations on Installation and operation of meters, and shall be of following type(s):

- (a) For all domestic and other LT loads less than 25 kW loads in Urban and Rural areas - Static meters
- (b) For LT (contracted load > 25 KW) / HT / EHT consumers –
  - Static, 3 Phase Tri-vector meters with MDI.
  - The meters shall have a facility for "Time of the Day Metering" with sufficient memory for accommodating data for 12 months.

- Three phase meters for HT / EHT segment should be capable of recording with date and time stamping, the common system / connection anomalies like phase wise missing potential, phase wise CT reversal, Current unbalance & voltage unbalance.
- The meters shall have anti-tamper features as per CEA regulations above and duly approved by the Commission.
- The meters shall have facility of remote communication for data retrieval through GSM / Microwave / SCADA / VSAT, using standard protocol. The licensee shall ensure the above within a definite time frame under intimation to the Commission.

(c) The Licensee may install pre-paid meters for single phase metering and three-phase whole current supply which should display the amount left, unit consumed, and the tariff applicable, with a disconnection / tripping switch inside the meter.

(e) Meter Seal should be made from high grade engineering plastic / polycarbonate material having permanent laser engraved unique serial number on seal, capable to withstand the prescribed environmental tests. Sealing shall be done at the following points (as applicable):

- o CT Secondary Boxes (in addition to locking arrangement)
- o PT Secondary Box (in addition to the locking arrangement)
- o Meter Cabinet

Note: Seal of the consumer meter shall be removed only by the licensee. No consumer shall tamper with, break or remove the seal under any circumstances. Any tampering, breaking or removing the seal from the meter shall be dealt with as per relevant provisions of the Act.]

(e) For all the 11 KV & 33 KV consumers, the licensee shall introduce facility for taking remote meter reading (GSM technique), and for distribution transformers, remote meter reading (with facility of low power Radio) to extract data from meter centrally, in order to have access on data as and when required.]

(f) The accuracy class of meters for EHT / HT / LT (whole current meters) / LT (CT operated consumers, shall be as laid down in CEA regulations.

## **8.7 Supply, Installation and Ownership of Meters and Cut-outs/ MCBs / CBs**

The licensee shall supply the meter and metering equipments, cut-out/ MCB/ CB/ load limiter to consumers at the time of serving new service connection or at any other time as required. The licensee shall keep the meter in proper working

condition and the consumer shall pay the monthly rent, if any, for the meter and metering equipments at the rate approved by the Commission. If the licensee fails to keep the meter or metering equipment in proper working condition, the consumer shall not be liable to pay the meter rent for the period the meter remains defective.

8.8 At the time of seeking a new connection the consumer shall indicate option in the application form to either purchase the meter, MCB / CB and associated equipment himself from the authorized vendor(s) / make or manufacturers of meter approved by the licensee, or require that such approved meter, MCB / CB and associated equipment be supplied by the Licensee.

Provided that it shall be the responsibility of the licensee to ensure that meters of standard make only are used as specified in clause 8.6 and CEA. Regulation for installation and operation of meter The licensee shall not restrict the consumer choice to 2-3 make / manufacturer only, but shall offer a wide ranging choice from amongst the list of approved make / manufacturers. The Licensee shall put the list of approved vendor(s) / make or manufacturers of meter, on their website / display on the notice board/and if requested, supply the consumer with the list of approved vendor(s) / make or manufacturer.

Provided also that the licensee shall get the meter lots inspected by test labs having accreditation from National Accreditation Board for testing and Calibrating laboratories, and also adhere to test procedure specified in clause 8.12. The Licensee shall put the list of such approved test labs, on their website / display on the notice board/and if requested, supply the consumer with the list of approved labs. The licensee shall also set up appropriate number of testing labs and get the accreditation from NABL, if not already done.

(b) HT and LT consumers, if they opt for procurement of meter and related apparatus, shall provide a locked and weatherproof enclosure of a design approved by the Licensee to house the metering equipment including CTs and PTs. In other cases, these shall be included in the estimate and provided by the Licensee.

(c) If meter is supplied by the Licensee, including the replacement of electromechanical by electronic meters, the security of the meter and associated equipment may be realized as per the cost specified in cost data book. The Licensee may submit a proposal to this effect for the approval of the Commission.

- (d) In case of connections where cost of the meter has been borne by the consumer, neither meter rent nor any security for the price of meter, shall be charged from the consumer.
- (e) In case of a consumer, who has borne the cost of the meter or purchased the meter himself, the Licensee shall have the option to either give to the consumer the depreciated value of the cost of the meter borne by the consumer or the meter itself after claiming the dismantling charges at the time of termination of the agreement. Depreciation shall be calculated by straight-line method taking a life span of ten years.
- (f) Meter shall be installed by the Licensee at the point of supply either at the consumer premises or outside the consumer premises in such a manner that it is always accessible to the Licensee for meter reading and other purposes.

Provided that where the licensee installs the meter outside the premises of the consumer, then the licensee shall provide real time display unit at the consumer premises for his information to indicate the electricity consumed by the consumer:

Provided further that for billing purpose, reading of consumer meter and not the display unit shall be taken into account
- (g) Whenever a new meter is installed (as a replacement or for a new connection) it shall be sealed in the presence of the consumer and a Meter History card shall be prepared in two copies. The Licensee shall retain a copy and the second copy shall be tagged to the meter. Subsequently, details of any faults in the meter, repairs etc. shall be entered into this card by the Licensee. The seal, name plates and distinguishing numbers or marks affixed on the said equipment or apparatus shall not in any way be broken, erased or altered by the consumer.
- (h)<sup>[1]</sup> A consumer may get a check meter installed conforming to the technical specifications as laid down in Rule 57 of the Indian Electricity Rules, 1956 until Regulations are framed under the Electricity Act, 2003. These check meters may be calibrated by the Licensee upon payment of prescribed fee. However, check meter readings shall not be used for billing purpose by the Licensee.

8.9 Meter should be ordinarily fixed outside the building and inside the boundary wall of the premises in such a manner that it is protected from the elements like weather etc. and can be read from outside. The meter box shall normally be

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[1] Corrigendum vide Notification No. BERC-Regl-06/06-part-II/02/08 dt.24.04.08

mounted at such a height that meter reading counter/ display window is at eye level. In case of LT consumers meter and the cut-out/ MCB or, in case of HT /EHT consumers, meter, circuit breakers and its associated equipment including cables shall be installed by the Licensee at the point (s) of supply.

- 8.10 All new meters should be installed in a tamper-proof meter box. The licensee shall prepare and implement a phased plan to install tamper-proof metering boxes for all the meters, which are at present installed without meter boxes.
- 8.11 In case of semi-permanent (kuchha) houses the licensee shall ensure that the meter is properly fixed on a wall and is accessible to the meter reader. In case the consumer does not provide good quality wall for fixing the meter, the licensee shall be free to fix the meter on the electricity pole or in a pillar-box to be provided by the licensee. The licensee shall also ensure that the earthing of the installation is proper.

### **Testing of Meters**

- 8.12 The Licensee shall ensure tested meters are installed at the consumer premises. Meters purchased by the consumer shall be tested, installed and sealed by the licensee.

The licensee shall also conduct periodical inspection/testing of the meters as per the following schedule:

- (a) LT Single phase meters: –at least once every five years
- (b) LT 3 phase meters (above 50 KVA): –at least once every 3 years
- (c) Other LT metering systems –at least once every 2 years
- (d) HT meters including MDI:
  - For EHT consumers (above 10MVA) – once in three months
  - For loads between 5-10MVA – Once in six months
  - Other HT consumer – at least once a year.

CT and PT shall also be tested along with meters.

Records of these test results shall be maintained in accordance with Rule 57 of Indian Electricity Rules, 1956.

If required, the licensee may remove the existing meter for the purpose of testing. The representatives of the licensee must, however, produce an authenticated notice to this effect and sign the document, mentioning his full name and designation, as a receipt, before removing the meter. The consumer shall not object to such removal.

(e)<sup>[1]</sup> The licensee may arrange for third party testing at NABL accredited test labs specified in clause 8.8 and recalibrated if required at manufacturer's work, if

the testing facility is not available with them for periodical testing, or in case of consumer's request when meter is defective.

### **Defective Meters**

8.13 The Licensee shall have the right to test any meter and related apparatus if there is a reasonable doubt about the accuracy of the meter, and the consumer shall provide the licensee necessary assistance in conduct of the test. The consumer shall be allowed to be present during the testing.

8.14 A consumer may request the licensee to test the meter, if he doubts its accuracy, or meter reading not commensurate with his consumption, stoppage of meter, damage of seal by applying to the licensee along with the requisite testing fee. The licensee shall test the meter within 7 days in urban area and 15 days in rural areas, or as otherwise provided in Standards of Performance of Distribution Licensee Regulations of the receipt of the application. Preliminary testing of meters can be carried out at the premises of the consumers through electronic testing equipment.

(a)<sup>[1]</sup> In case of testing of meter at consumer's premises, the testing of meter shall be done for a minimum consumption of 1 kWh. The meter testing team of the licensee shall carry heating load of sufficient capacity to carry out the testing. Optical Scanner may be used for counting the pulses / revolutions or meter shall be tested as per the procedure described in IS / IER 1956.

(i) In case the meter is found O.K., no further action shall be taken.

(ii) In case the meter is found fast / slow by the licensee, and the consumer agrees to the report, the meter shall be replaced by a new meter within 15 days, and bills of previous three months prior to the month in which the dispute has arisen shall be revised in the subsequent bill as per the test results. In case meter is found to be slow, the additional charges may be recovered in installments not exceeding three, if the consumer shows his inability to pay at a time.

(iii) If the consumer disputes the results of testing, or testing at consumer's premises is difficult, the defective meter shall be replaced by a new tested meter by the Licensee, and, the defective meter after sealing in presence of consumer, shall be tested at licensee's lab / Independent lab / Electrical Inspector, as agreed by consumer in presence of the representative of both Licensee and the consumer. The option once exercised by consumer shall not be changed. The decision on the basis of reports of the test lab shall be final on the Licensee as well as the consumer.

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[1] Corrigendum vide Notification No. BERC-Regl-06/06-part-II/02/08 dt.24.04.08

- (b)<sup>[1]</sup> In cases of testing of a meter in the licensee's / Independent test laboratory,
  - i. Consumer shall be informed of the proposed date of testing at least 7 days in advance so that he may be present at the time of testing, personally or through an authorized representative.
  - ii. The signature of the consumer or his authorized representative, shall be obtained on the Test Result Sheet.
- 8.15 In all cases of testing of a meter in the laboratory, the consumer shall be informed of the proposed date of testing in advance, so that he may be present at the time of testing, personally or through an authorized representative. The signature of the consumer or his authorized representative, if present, shall be obtained on the Test Result Sheet.
- 8.16 If a consumer disputes the results of testing, he may make a representation to Independent lab / Electrical Inspector till such time the licensee sets up its own independent meter testing facilities at convenient locations. The licensee shall endeavour to identify and develop these facilities in one year from the date of notification of this Code.

#### **Meter (Including Maximum Demand Indicator) Not Recording**

- 8.17 The consumer is expected to intimate the licensee in writing, as soon as he notices that meter has stopped/ is not recording. The licensee shall acknowledge the intimation given by the consumer.
- 8.18 If during periodic or other inspection by the licensee, any meter is found to be not recording, or a consumer makes a complaint in this regard, the licensee shall arrange to test the meter within the time specified in the Standards of Performance of Distribution Licensee Regulations. The meter should be repaired/ replaced within the time specified in the Standards of Performance of Distribution Licensee Regulations.

#### **Burnt Meters**

- (a)<sup>[1]</sup> In case a meter is found burnt either on consumer's complaint or upon the inspection of the Licensee:
  - (i) Necessary preventive action at site shall be taken as early as possible to avoid future damage.
  - (ii) The Licensee shall restore the supply immediately after bypassing the burnt meter, if the wiring on consumer's premises is found o.k.
  - (iii) Excess loads found, shall be removed or regularized by asking consumer to deposit charges as per clauses 7.11(4) and 7.15(3)

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[1] Corrigendum vide Notification No. BERC-Regl-06/06-part-II/02/08 dt.24.04.08

- (iv) A new meter shall be installed by the Licensee within 7 days or as specified in the Standards of Performance of Distribution Licensee Regulations as per option exercised by consumer given in clause 8.8
- (b) If possible, the Licensee shall test the burnt meter removed from the consumer premises and the procedure detailed in clause 8.14(b)<sup>[1]</sup> shall be followed. If it is not possible to test the meter, the consumer shall be billed as per the procedure specified in clause 9.16.

#### **8.20 Cost of Replacement of Defective / Burnt Meters**

The cost of replacement of meter shall be borne by the consumer or by the Licensee subject to following conditions:

- (a) (i) If, as a result of testing, it is established that the meter was burnt due to technical reasons viz. voltage fluctuation, transients etc. attributable to the Licensee the cost of the meter shall be borne by the Licensee. However, if it is established that the meter was burnt due to reasons attributable to the consumer viz. defect in consumer's installation, connection of unauthorized load by the consumer etc. the cost shall be borne by the consumer.
- (ii) If it is established, as a result of testing, that the meter was rendered defective due to tampering or any other deliberate act by the consumer to interfere with the meter, the cost of the meter shall be borne by the consumer as above. The consumer shall be assessed under Section 126 of the Electricity Act 2003, and shall be punishable under Section 138 of the Electricity Act 2003. In addition, action as permissible under law shall be taken against the consumer for pilferage and tampering.
- (b) In case the meter is found burnt and there is reason to believe that an official of the Licensee gave a direct connection, pending replacement of meter, a case of direct theft shall not be booked. Consumer's complaint for replacement of burnt meter or the complaint regarding disruption in supply of energy shall be considered sufficient for this purpose.
- (c) In all cases of replacement of a meter, where cost is to be borne by the consumer, he shall have the option to procure the meter and associated equipment himself in accordance with clause 8.7<sup>[1]</sup>

## **CHAPTER 9**

### **BILLING**

#### **Meter Reading and Billing**

9.1 In respect of domestic consumers meter should be read only during daylight hours. The periodicity of the meter reading and billing for various categories of consumers

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[1] Corrigendum vide Notification No. BERC-Regl-06/06-part-II/02/08 dt.24.04.08

is given below. The licensee may, however, improve upon the schedule if it finds that necessary or useful.

<b>Consumer Category</b>	<b>Meter Reading and billing</b>
Domestic – Rural & BPL	Once in two months
Domestic – Urban	Monthly
Non-Domestic <5kW – Rural	Once in two months
Non-Domestic – Others (Urban & Rural)	Monthly
LT Industrial	Monthly
Agriculture – Rural	Once in two months
Agriculture – Urban	Once in two months
Street light, Waterworks, X-Ray Plants, Electric Crematorium	Monthly
HT, EHT & RTS	Monthly (as far as practicable on the same day of the month)

9.2 The Licensee shall notify for each category of consumer, in the beginning, the following

- date on which bill will be issued by the licensee every month to the consumer
- date by which bill will be delivered to the consumer and
- due date for payment of bills.

These will normally be the due dates for all billing cycles for that consumer during that financial year.

9.3 Meter shall be read by an authorized representative of the Licensee once every billing cycle. The Licensee shall provide proper photo identity cards which shall be displayed on his dress so that it is visible. The meter reader shall record the meter reading with date in the meter card to be kept at consumer's premises.

9.4 Arrangements shall be made by the licensee to display the meter reading and payment status of high value consumers on Internet.

9.5 The licensee may use hand held computer devices with GSM connectivity, meter reading instrument (MRI) or wireless equipment for recording meter readings and for generation of bills on the spot. If bills are prepared on the basis of MRI downloads or if meter reading is taken on the basis of remote meter-reading and the consumer wishes to have a record of the reading taken, he shall be allowed so by the licensee's official taking the meter reading.

9.6 In case, during spot billing procedure, the licensee's representative could not take meter reading due to the absence of the consumer, the representative may leave a note and request the consumer to inform the meter reading over telephone. The consumer may thereafter take the delivery of the bill on any convenient date. However this procedure of receiving meter reading over telephone shall not extend beyond one meter reading cycle at a stretch.

- 9.7 The licensee shall assign a unique consumer number for each consumer and communicate the same to the concerned consumer. The unique consumer number may include pole number, transformer number, 11kV feeder number, distribution centre number and division number.
- 9.8 It shall be open to the licensee to adopt a scheme for pre-payment of electricity charges till meters are provided as required under the Act for such consumers who are getting unmetered supply and the details of such pre-payment scheme shall be got approved by the licensee from the Commission.
- 9.9 Bills shall be prepared for each category of consumers in accordance with prevailing tariff order.
- 9.10 When supply to a new consumer is commenced in the middle of a month the Demand Charges, Minimum charges and/or any other similar fixed charges shall be levied on prorata basis for the number of days for which supply is given. The units to be charged under various blocks or slabs shall also be accordingly prorated. For the purpose of this sub-clause, the month shall be computed as 30 days.
- 9.11 Separate bills shall be issued for Audit Recovery and other recoveries except demand for additional security deposit. Such bills should be accompanied with written details of basis of billing, period of billing etc.
- 9.12 The licensee shall endeavour to take monthly Meter Reading Instrument (MRI) download for all connections where meters with MRI download facility are installed.
- 9.13 If for any reason, meter is not accessible for reading, the licensee shall issue a provisional bill on the basis of average consumption of the previous three billing cycles and also send a notice to the consumer to keep the meter accessible for reading at the time and date given in the notice.
- 9.14 The amount thus billed shall be adjusted against the bill raised on the basis of actual meter reading during subsequent billing cycle. Such provisional billing shall not continue for more than two consecutive billing cycles at a stretch. If the meter remains inaccessible even during the next cycle, the consumer will be served with a notice if available, or, affixed near any entrance of the premises, to either get the meter read by the Licensee within 7 days for reading of the meter at a fixed time and date failing which the supply will be disconnected after serving a 24-hour notice under section 163 (3) of the Act [Electricity Act, 2003 (36 of 2003)]. The provision<sup>[1]</sup> shall not apply in case of a domestic consumer who has given an advance intimation to the Licensee of the inaccessibility of the meter for reading due to the consumer being out of station and if he has deposited an amount that covers the minimum / fixed charges for the duration of the proposed absence.

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[1] Corrigendum vide Notification No. BERC-Regl-06/06-part-II/02/08 dt.24.04.08

Such provisional payment shall be adjusted when subsequent bill is issued on the basis of actual meter reading.

- 9.15 It shall be the responsibility of the meter reader to note down the details of every stopped/ defective meter, conditions of meter/seal and condition of LCD/LED of electronic meter and in case of any abnormality shall file a report to the concerned officer who shall be responsible to take immediate steps to replace or repair the stopped/ defective meter or action taken, if required, in accordance with provisions of the Act.
- 9.16 In order to recover the energy charges for the duration when the meter remains non-functional, average monthly consumption of previous three meter reading cycles subject to minimum monthly charges or as otherwise provided in the tariff order of the Commission in force shall be the basis of billing. In case a check-meter is available, the readings of the check meter may also be used for assessment of consumption. In case of HT consumers if during the period when the main meter is defective, the check meter is not installed or is also found defective, the quantity of electricity supplied shall be determined as stated above;
- 9.17 The meter reader shall furnish a list of connections where the meter reading could not be recorded or the meter has not recorded any consumption of electricity, to the officer in charge of the Distribution Centre who shall prepare a list of such consumers where meter reading could not be taken or the defective meter could not be replaced within thirty days and report the same to the concerned Assistant Engineer and Executive Engineer. The licensee shall develop and put in place a detailed document describing systems, procedure and accountability regarding replacement of such defective meters.
- 9.18 The senior officers shall carry out the sample checking of meter readings as per the schedule drawn out by the officer in charge of the distribution circle of the area. It should be the endeavour of the licensee that meter readings in case of at least 20% of LT meters are checked in a year by the team of officers, not below the rank of Junior Engineer.
- 9.19 The Licensee may send bills to consumers by hand or by post. In case of hand delivery of bills, proof of service of bill shall be maintained at the concerned office of the licensee. On a written request from a consumer, the licensee shall send the bill by registered post and the expenses of such delivery of bill shall be recoverable from the consumer.

9.20 The licensee shall ensure distribution of bills to the consumers not less than 14 days before the due date for payment. The bill shall invariably contain the following details and put in use within three months from the notification of this Code.

- (a) Name and address of the consumer
- (b) Service Connection Number
- (c) Bill number
- (d) Pole Number from which connection is served
- (e) Name, address and telephone number of the distribution centre
- (f) Date of issue of bill
- (g) Period of Bill
- (h) Tariff category
- (i) Tariff, rate of electricity duty and cess applicable, if any
- (j) Contracted/ Connected load/ demand
- (k) Single phase or three phase connection
- (l) Identification details of the meter
- (m) Meter Reading date - past and present
- (n) Meter reading - past and present
- (o) Units consumed
- (p) Credit, if any
- (q) Basis of bill.
- (r) Meter rental
- (s) Current month's charges - Energy Charges, fixed/demand charge, Minimum Charges, Fuel Price and Power Cost Adjustment (FPPCA) Charges, Electricity Duty, Cess, meter rent, Capacitor surcharge, security deposit instalment, Rebate allowed, others, if any
- (t) Arrear Electricity Charges, Delayed Payment Surcharge arrears.
- (u) Bill delivery charges, if applicable
- (v) Total charges
- (w) Delayed Payment Surcharge
- (x) Due date of payment
- (y) Authority in whose favour cheque/Bank draft is to be issued. (To be printed on reverse of the bill)
- (z) Security Deposit held and required.
- (aa) Details of last three energy consumption details.
- (bb) Applicable tariff rates for concerned categories of consumers.

9.21 The following details would also need to be provided to the consumer as an attachment to the bills or printed on the reverse of the bill:-

- (a) Names(s)/address(es) and telephone no.(s) of collection centres
- (b) Working hours for collection of bills.
- (c) Designation(s), address(es) and telephone no.(s) of the authority with whom complaints pertaining to bills, meter, meter reading etc. can be lodged
- (d) Address(es) and telephone no.(s) of Consumer Grievance Redressal Forum.
- (e) Names of the concerned fuse call centre.
- (f) Any other message that the Licensee may like to give.

9.22 In case the licensee is unable to supply power for a period of 10 days (each day shall consist of power cut from 00 hours to 24 hours) or more in a calendar month to a consumer who is not otherwise disconnected the licensee shall charge the consumer in the following manner:

- (a) Energy charges shall be on the basis of actual meter reading recorded in the energy meter.
- (b) Other charges shall be prorated on the basis of the number of days, power was provided to the consumer.

9.23 The licensee shall make arrangements to provide guidance and information to any consumer on telephone and for this purpose shall set-up call center(s). All urban areas may be brought under this facility in the first phase and rural areas thereafter. Details of payment status, arrear status, authorised load, contract demand etc may be provided to the consumer if he discloses his connection number and address.

**Special Reading of Meters in cases of Change of Occupancy / Vacation of Premises for Domestic Consumers**

9.24 It shall be the responsibility of the owner consumer to get his connection disconnected and get a special reading done by the licensee at the time of change of occupancy or on the premises falling vacant.

9.25 The owner/user of the connection shall make a request in writing to the licensee for disconnection and special reading of meter at least 15 days in advance of the proposed date of vacation of the premises or change of the occupancy, as the case may be. The Licensee may however, accept a notice of shorter period. The Licensee shall dispose of the same within 15 days from the date of receipt of such application.

9.26 The Licensee shall get done the special reading of meter and deliver the final bill, including all arrears till the date of billing, at least 7 days before the vacation of the

premises. The final bill shall also include payment for the period between the date of special reading and date of vacancy of premises on prorata basis.

9.27 Once the final bill is raised, the licensee shall not have any right to recover any charge(s), other than those in the final bill, for any period prior to the date of such bill. It will be responsibility of the consumer/owner to make the payment and on receipt of payment licensee shall issue no dues certificate.

**CHAPTER 10**  
**PAYMENT AND DISCONNECTION**

**Payment**

10.1 Consumers are expected to make payment for the energy used by them as per the bill and licensee is obliged to issue a proper receipt in token of having received the payment. In all cases payments shall also be acknowledged in the next bill.

10.2 The licensee shall ensure adequate publicity of the addresses/ locations and working hours of the collection centres including those of banks where consumers can make payments. The licensee shall provide a choice of maximum alternative modes of payment to the consumers like payment through cash, local cheque, bank draft, banker's cheque, Electronic Clearing System (ECS), credit card etc. A consumer shall be allowed to make payment through cheque for amounts above Rs. two hundred.

10.3 The licensee may allow within a definite time frame, Commercial, public and private Institutions, and Industrial consumers, to pay their bills directly through electronic clearance system through their bankers. Such consumers shall inform their respective bankers to pay bills directly to licensee's banks on presentation of bill. Consumers shall authorize bankers to debit their account on payment of bill. The licensees may make arrangements with the banks accordingly, and give wide publicity to the scheme.

10.4 During the days when there is rush on the collection window, separate queuing arrangement should be made for senior citizens, women and physically challenged persons and they should be attended on priority.

10.5 The collection centres should have the facility of receiving payment from consumers/representatives of consumers who wish to make payments on behalf of a number of consumers. Separate counters should be provided for this purpose so that the waiting time for other consumers is not more.

10.6 In order to reduce the workload of the collection counter payment of bills above Rupees ten thousand should be made through cheque / banker's cheque / demand draft payable at local branch.

- 10.7 The licensee should make arrangements to receive payment through drop boxes where the consumer may drop his cheque (crossed account payee only). Licensee should keep the drop boxes at the collection centres and at other locations as notified from time to time.
- 10.8 The due date of payment for all consumers shall normally be fifteen days from the date of issue of bill. If due date of payment mentioned in the bill is a public holiday, the succeeding working day shall be treated as the due date.
- 10.9 In the event of non-realisation of cheque, the licensee shall have the right to increase the security deposit from the consumer. The Licensee shall also have the right to take steps such as levying cheque dishonour charges or initiating other actions as per Law besides insisting on future payment by demand draft or by cash.
- 10.10 In case of non-receipt of bill within the specified date of receipt of bill as per clause 9.2, the consumer shall contact the bill issuing office and obtain a duplicate bill and make payment of the bill. In case the licensee is not in a position to provide duplicate bill, for any reason, the consumer shall pay on the basis of average bill amount of previous three consecutive bills. The Licensee may in phased manner facilitate the consumer to take out the duplicate bill from the licensee's website.
- 10.11 The consumer may also be allowed to make advance payment of future bills, which shall be adjusted in the future months. However, only the regular bill amount shall be adjusted from the advance payment. Before adjusting any other amount, the consent of the consumer shall be sought. The licensee shall prepare and submit a scheme for approval of the Commission for consumers with high value bills, who make payment of monthly bill in advance.
- 10.12 All categories of consumers committing default in the payment of the billed amount shall be liable to pay delayed payment surcharge, on the amount outstanding, at rates as approved by the Commission from time to time.
- 10.13 The Licensee shall lay down a policy for grant of instalment facility for the purpose of recovery of dues subject to approval of the Commission. The said policy shall also designate the officer(s) authorized to grant instalment facility. In case of grant of instalment, interest at the rate of equal to D.P.S./month on arrear shall be charged. However rebate for timely payment of current bill shall be allowed.
- 10.14 **Disputed/Erroneous Bills**
  - (a) In the event of any objection in respect of the billed amount, the consumer may lodge a complaint before the designated officer as mentioned in the

energy bill. The supply of electricity shall not be cut off if such person deposits, under protest,

- (i) an amount equal to the sum claimed from him, or
- (ii) the electricity charges due from him for each month calculated on the basis of average charge for electricity paid by him during the preceding six months, whichever is less, pending disposal of any dispute between him and the licensee.

(b) Complaint shall be lodged with the designated officer of the Licensee in the complaint receipt form available at the licensee's complaint receiving office. In case such form is not available in the office, complaint may be lodged on plain paper along with the following details:

- (i) Name and address of the consumer along with telephone number, if any
- (ii) Service connection number
- (iii) Category of connection
- (iv) Complaint in brief

The designated officer shall resolve the dispute within a maximum period as specified in the Standards of Performance of Distribution Licensee Regulations from the date of receipt of written complaint and shall send a report to the next higher officer giving reasons for the discrepancy, if any.

- (c) If on investigation, the Licensee finds the bill to be erroneous, a revised corrected bill shall be furnished to the consumer indicating the revised due date not less than seven (7) days from the date of delivery of revised bill. Excess amount paid by the consumer, if any, shall be adjusted in the subsequent bill(s).
- (d) In case it is established that the meter reading recorded was incorrect, responsibility may be fixed and the licensee may take suitable action.
- (e) In the event that investigations establish that the original bill was correct, the consumer shall be intimated accordingly and notified to pay the balance, if any, with delayed payment surcharge as applicable within 7 days.
- (f) The licensee shall provide quarterly feedback to the Commission on the analysis of disputed / erroneous bills.
- (g) In case the consumer is not satisfied with the decision on the dispute, he may take further action as provided in the Regulations for Consumer

Grievance Redressal Forum and Electricity Ombudsman notified by the Commission.

10.15 In case of death of a consumer the legal heir shall be liable to pay the dues of such consumer. The legal heir should also take steps to get the connection changed in his name within a period of three months.

#### **Disconnection**

10.16 The authorised official of the licensee will ensure that all the cases pertaining to default in payment are monitored regularly and timely action is initiated as per prescribed procedure for temporary or permanent disconnection. A report of cases of permanent disconnection will be submitted to the Commission on a quarterly basis.

10.17 If a consumer fails in payment of any bill in full, without approval of the Licensee, by the due date, service connection of the consumer will be liable to be disconnected on temporary basis. Before disconnection of a consumer's installation, Licensee would serve a written notice of fifteen clear days. Effort should be made that before disconnecting a domestic connection; an adult member of the family should be informed. If the proof of removal of the cause for disconnection is produced to the satisfaction of the Licensee's employee deputed for the purpose, the supply shall not be disconnected. In this regard, the licensee shall strictly follow provisions of section 56 of the Act.

10.18 No sum due from any consumer shall be recoverable after the period of two years from the date when such sum became first due unless such sum has been shown continuously as recoverable as arrear of charges for electricity supplied and the licensee shall not cut off the supply of electricity.

10.19 The licensee would publish the details of such consumers, who are liable to be disconnected but have not been disconnected, in such a manner as may be directed by the Commission.

10.20 After temporary disconnection, the supply shall be restored only after the consumer pays the outstanding charges/dues/ amount of instalment fixed along with disconnection reconnection charges as applicable.

10.21 If a consumer wishes to get his connection temporarily disconnected for a period upto six months, he shall make a written request to the office of the licensee. The consumer shall be liable to pay in advance all the monthly fixed/ demand charge, meter rent etc for the said period. The consumer shall also be liable to pay disconnection / reconnection charges as applicable to avail the facility of temporary disconnection.

## **Chapter 11**

### **UNAUTHORISED USE OF ELECTRICITY AND THEFT OF ELECTRICITY**

#### **11.0 Unauthorised use of Electricity (UUE)**

Section 126 of the Act provides that

##### **Assessment**

126 (1) If on an inspection of any place or premises or after inspection of the equipments, gadgets, machines, devices found connected or used, or after inspection of records maintained by any person, the assessing officer comes to the conclusion that such person is indulging in unauthorized use of electricity, he shall provisionally assess to the best of his judgement the electricity charges payable by such person or by any other person benefited by such use.

(2) The order of provisional assessment shall be served upon the person in occupation or possession or in charge of the place or premises in such manner as may be prescribed.

(3) The person, on whom a notice has been served under sub- section (2) shall be entitled to file objections, if any, against the provisional assessment before the assessing officer, who shall, after affording a reasonable opportunity of hearing to such person, pass a final order of assessment within thirty days from the date of service of such order of provisional assessment, of the electricity charges payable by such person.

(4) Any person served with the order of provisional assessment, may, accept such assessment and deposit the assessed amount with the licensee within seven days of service of such provisional assessment order upon him:

(5) If the assessing officer reaches to the conclusion that unauthorised use of electricity has taken place, the assessment shall be made for the entire period during which such unauthorised use of electricity has taken place and if, however, the period during which such unauthorised use of electricity has taken place cannot be ascertained, such period shall be limited to a period of twelve months immediately preceding the date of inspection.

(6) The assessment under this section shall be made at a rate equal to twice times the tariff rates applicable for the relevant category of services specified in sub-section (5).

**Explanation.-** For the purposes of this section,-

- (a) “assessing officer” means an officer of a State Government or Board or licensee, as the case may be, designated as such by the State Government;
- (b) “unauthorised use of electricity” means the usage of electricity –

- (i) by any artificial means; or
- (ii) by a means not authorised by the concerned person or authority or licensee; or
- (iii) through a tampered meter; or
- (iv) for the purpose other than for which the usage of electricity was authorized, or
- (v) for the premises or areas other than those for which the supply of electricity was authorized.

[Section 127 of the Act provides that] <sup>[1]</sup>

**11.1 Procedure for Inspection, Provisional Assessment, Hearing and Final Assessment in case of unauthorized use of electricity (UUE) under Section 126 of the Act**

**(a) Inspection**

- (i) The Assessing Officer designated under Section 126 of the Act by the State Govt. shall suo-moto, or on receipt of reliable information on unauthorized use of electricity or on instruction from higher authority, promptly conduct inspection and search of such place or premises, exercising due diligence.
- (ii) The Assessing Officer, if required to do so, shall handover his business card to the person in occupation or possession or in charge of the place or premises before entering the premises. Photo ID card shall be carried by each team members.
- (iii) The access to premises shall be in accordance to clause 6.32 to 6.36 of the Code. Provided that the occupant of the place or premises of inspection or any person on his behalf shall remain present during the inspection.
- (iv) A report shall be prepared at site giving details of connected load, condition and details of old seals and resealing done, working of meter, details of new seals, etc. The report shall mention any irregularity noticed which may lead to an indulgence of unauthorized use of electricity in the format given in Annexure-6. The Inspecting Officer shall carry seals for this purpose.
- (v) The report shall clearly indicate whether or not conclusive evidence substantiating the fact that UUE was found. The details of such evidence should be recorded in the report. The report shall be signed by each member of the inspection team and handed over to the person in occupation or possession or in charge of the place or premises at site immediately under proper receipt. In case of refusal by such person or his/her representative to either accept or give a receipt, a copy of inspection

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[1] Deleted vide Notification No. BERC-Regl-06/06-part-II/02/08 dt.24.04.08

report shall be pasted at a conspicuous place in/outside the premises and may be photographed. Simultaneously, the report shall be sent to such person under Registered Post / Speed post on the day or the next day of the inspection.

(vi) Within 3 working days of the date of inspection, the Assessing Officer shall analyze the case after carefully considering all the evidence including the consumption pattern, wherever available and the report of inspection. If it is concluded that no unauthorized use of electricity has taken place, no further action will be taken.

**(b) Provisional Assessment and Notice to the Consumer –**

(i). If the Assessing Officer comes to the conclusion that Unauthorized Use of Electricity has taken place in the premises (as defined under Explanation under Section 126 of the Act), he will serve a provisional assessment order upon the person in occupation or in-charge of the premises, giving 7 days time under proper receipt for filing objections, if any, against the Provisional Assessment Order and fixing a date of hearing. The assessment shall be done as per guidelines provided in Annexure-7, appended to the Code.

(ii) Any person served with the order of provisional assessment may accept such assessment and deposit the assessed amount with the Licensee within seven days of service of such provisional assessment order upon him. Such payment made shall be subject to the final order.

**(c) Hearing & Final Assessment**

(i) On the date of hearing, the Assessing Officer shall hear to the person in occupation or possession or in-charge of the place or premises. The Assessing Officer shall give due consideration to the facts submitted by such person and pass, within 7 working days, a speaking order as to whether the case of UUE is established or not. The order shall contain the brief of inspection report, submissions made by such person in his written reply and during hearing.

(ii) A copy of the order shall be served to such person under proper receipt, and in case of refusal to accept the order or in absence of such person, shall be served on him under Registered Post / Speed Post. The person in occupation or possession or in charge of the place or premises shall be required to make the payment within 15 days of receipt of final assessment order.

(iii) If the assessing officer reaches to the conclusion that unauthorized use of electricity has taken place, the assessment shall be made for the entire

period during which such unauthorized use of electricity has taken place and if, however, the period during which such unauthorized use of electricity has taken place cannot be ascertained, such period shall be limited to a period of twelve months immediately preceding the date of inspection.

- (iv) The assessment under (iii) above shall be made at a rate equal to twice the tariff applicable for the relevant category of service.

**(d) Appeal to Appellate Authority Against the Final Assessment Under Section 127 of the Act.**

- (i) Any person aggrieved by a final order made under sub-clause 11.1(c) above, may, within thirty (30) days of the said order, prefer an appeal to the Appellate Authority designated by the State Govt. in the manner specified in Bihar Electricity Regulatory Commission (Procedure for Preferring Appeal before the Appellate Authority) Regulations.
- (ii) No appeal against the order of assessment under sub-clause (i) above shall be entertained unless the person deposits one half of the amount assessed by the Assessing Officer in cash or by way of bank draft, along with fees specified in the Bihar Electricity Regulatory Commission (Fees, Fines and Charges) Regulations with the licensee and encloses documentary proof of such deposit.
- (iii) No appeal shall lie to the Appellate Authority referred to sub-clause (d)(i) above against the final order made with the consent of the assessed person in writing.
- (iv) The licensee shall not take any action for recovery of assessed amount for the period of thirty (30) days, mentioned in sub clause (d)(i) above, where the assessed person intimates the Assessing Officer, within this period, of his intention of filing an appeal to the appellate authority .
- (v) The order of the appellate authority referred to in sub clause (d)(i) above passed shall be final and shall contain the brief of inspection report, submissions made by the person in his written reply and during personal hearing and reasons for acceptance or rejection of the same.

**Note:** Section 145 of the Electricity Act provides that no civil court shall have the jurisdiction to entertain any suit or proceeding in respect of any matter, which an assessing officer, or an appellate authority, is empowered to determine, and no injunction shall be granted by any court or other authority in respect of any action taken or to be taken in pursuance of any power conferred by or under the Act. It is also provided that nothing contained in

the procedure laid in clause 11.1 shall have effect in so far as it is inconsistent with provisions of sections 126, 127 & 145 of the Act.

**(e) Default in Payment of Assessed Amount or Instalments thereof**

- (i) In case of default in payment of the assessed amount or any installment granted or agreed by the Licensee, the Licensee shall, after, giving a 15 days notice in writing, disconnect the supply of electricity, by any suitable means such as disconnection from pole/ transformer, removing meter, electric line, electric plant and other apparatus. The reconnection shall be carried out as per the provisions of reconnection laid down in clause 7.7 of the Code.
- (ii) When a person defaults in making payment of assessed amount, he shall be liable to pay an amount of interest at the rate of sixteen percent per annum with effect from the date of expiry of 30 days from the date of order of assessment, in addition to the assessed amount, compounded every six months.

## **11.2 Theft of Electricity**

### **11.2.1 Section 135 of the Act as amended provides that –**

- (1) Whoever, dishonestly, –
  - (a) taps, makes or causes to be made any connection with overhead, underground or under water lines or cables, or service wires, or service facilities of a licensee; or supplier, as the case may be; or
  - (b) tampers a meter, installs or uses a tampered meter, current reversing transformer, loop connection or any other device or method which interferes with accurate or proper registration, calibration or metering of electric current or otherwise results in a manner whereby electricity is stolen or wasted; or
  - (c) damages or destroys an electric meter, apparatus, equipment, or wire or causes or allows any of them to be so damaged or destroyed as to interfere with the proper or accurate metering of electricity; or
  - (d) uses electricity through a tampered meter; or
  - (e) uses electricity for the purpose other than for which the usage of electricity was authorised,

so as to abstract or consume or use electricity shall be punishable with imprisonment for a term which may extend to three years or with fine or with both:

Provided that in a case where the load abstracted, consumed, or used or attempted abstraction or attempted consumption or attempted use -

- (i) does not exceed 10 kilowatt, the fine imposed on first conviction shall not be less than three times the financial gain on account of such theft of electricity and in the event of second or subsequent conviction the fine imposed shall not be less than six times the financial gain on account of such theft of electricity;
- (ii) exceeds 10 kilowatt, the fine imposed on first conviction shall not be less than three times the financial gain on account of such theft of electricity and in the event of second or subsequent conviction, the sentence shall be imprisonment for a term not less than six months but which may extend to five years and with fine not less than six times the financial gain on account of such theft of electricity:

Provided further that in the event of second and subsequent conviction of a person where load extracted, consumed or used or attempted abstraction or attempted consumption or attempted use exceeds 10 kilowatt, such person shall also be debarred from getting any supply of electricity for a period which shall not be less than three month but may extend to two years and shall also be debarred from getting supply of electricity for that period from any other source or generating station.

Provided also that if it is proved that any artificial means or means not authorized by the Board or licensee or supplier, as the case may be, exist for the abstraction, consumption or use of electricity by the consumer, it shall be presumed, until the contrary is proved, that any abstraction, consumption or use of electricity has been dishonestly caused by such consumer.

- (1A) Without prejudice to the provisions of this Act, the licensee or supplier, as the case may be, may, upon detection of such theft of electricity, immediately disconnect the supply of electricity:

Provided that only such officer of the licensee or supplier, as authorized for the purpose by the Appropriate Commission or any other officer of the licensee or supplier, as the case may be, of the rank higher than the rank so authorized shall disconnect the supply line of electricity:

Provided further that such officer of the licensee or supplier, as the case may be, shall lodge a complaint in writing relating to the commission of such offence in police station having jurisdiction within twenty-four hours from the time of such disconnection.

Provided also that the licensee or supplier, as the case may be, on deposit or payment of the assessed amount or electricity charges in accordance with

complaint as referred to in the second proviso to this clause, restore the supply line of electricity within forty-eight hours of such deposit or payment.

(2) Any officer of the licensee or supplier as the case may authorised in this behalf by the State Government may --

- (a) enter, inspect, break open and search any place or premises in which he has reason to believe that electricity has been, is being, or is likely to be, used unauthorisedly;
- (b) search, seize and remove all such devices, instruments, wires and any other facilitator or article which has been, is being, or is likely to be, used for unauthorized use of electricity;
- (c) examine or seize any books of account or documents which in his opinion shall be useful for or relevant to, any proceedings in respect of the offence under sub-section (1) and allow the person from whose custody such books of account or documents are seized to make copies thereof or take extracts therefrom in his presence.

(3) The occupant of the place of search or any person on his behalf shall remain present during the search and a list of all things seized in the course of such search shall be prepared and delivered to such occupant or person who shall sign the list

Provided that no inspection, search and seizure of any domestic places or domestic premises shall be carried out between sunset and sunrise except in the presence of an adult male member occupying such premises.

(4) The provisions of the Code of Criminal Procedure, 1973, relating to search and seizure shall apply, as far as may be, to searches and seizure under this Act.

The theft of electricity shall be dealt as per the provisions stated above.

#### **11.2.2 Section 138 - Interference with meters or works of licensee – provides that**

- (1) Whoever,
- (a) unauthorisedly connects any meter, indicator or apparatus with any electric line through which electricity is supplied by a licensee or disconnects the same from any such electric line; or
- (b) unauthorisedly reconnects any meter, indicator or apparatus with any electric line or other works being the property of a licensee when the said electric line or other works has or have been cut or disconnected; or
- (c) lays or causes to be laid, or connects up any works for the purpose of communicating with any other works belonging to a licensee; or

(d) maliciously injures any meter, indicator, or apparatus belonging to a licensee or willfully or fraudulently alters the index of any such meter, indicator or apparatus or prevents any such meter, indicator or apparatus from duly registering,

shall be punishable with imprisonment for a term which may extend to three years, or with fine which may extend to ten thousand rupees, or with both, and , in the case of a continuing offence, with a daily fine which may extend to five hundred rupees; and if it is proved that any means exist for making such connection as is referred to in clause (a) or such re-connection as is referred to in clause (b), or such communication as is referred to in clause (c), for causing such alteration or prevention as is referred to in clause (d), and that the meter, indicator or apparatus is under the custody or control of the consumer, whether it is his property or not, it shall be presumed, until the contrary is proved, that such connection, reconnection, communication, alteration, prevention or improper use, as the case may be, has been knowingly and willfully caused by such consumer.

**11.2.3 Procedure to be adopted by licensee for Inspection, Provisional Assessment, Hearing and Final assessment in case of theft of electricity under section 135 of the Act.**

**(a) Procedure**

- i. An Officer authorized under section 135 of the Act by the State Govt., suo-motu or on receipt of reliable information regarding theft of electricity, shall promptly conduct, inspection and search of such premises.
- ii. The Authorized Officer shall, if required, handover his business card to the person in occupation or possession or in charge of the premises or place. Photo ID card may be carried by each team member and shown to such person before entering the premises.
- iii. The provisions of the Code of Criminal Procedure, 1973, relating to search and seizure shall also apply, as far as may be, to searches and seizure under this Code.
- iv. A list of all items seized in course of search shall be prepared and signed by all persons present during the search and seizure. The occupant of the place or premises or any person on his behalf shall remain present during the inspection.
- v. In all cases of inspection, a report shall be prepared at site giving details of connected load, condition and details of old seals, working of meter, details of new seals and clearly mention any irregularity noticed which may lead to

theft of electricity in the format given in Annexure-8. The Authorized Officer shall carry seals for this purpose. Any damage/ destruction to the electric meter, metering equipments, apparatus, line, cable or electrical plant of the licensee caused or allowed to be caused by the person so as to interfere with the proper or accurate metering of electricity or for theft of electricity shall also be duly recorded in the report. The Authorized officer shall also prepare a diagram illustrating the arrangements found to have been made for theft of electricity, wherever feasible and such diagram shall form a part of inspection report.

- vi. The report shall clearly indicate whether prima-facie a case for theft of electricity can be inferred. The report shall be signed by each member of the team and handed over to the occupant of the premises or his / her representative at site immediately under proper receipt. In case of refusal by such person or his/her representative to either accept or give a receipt, a copy of inspection report shall be pasted at a conspicuous place in/outside the premises and may be photographed. Simultaneously, the report shall be sent to such person under Registered Post / Speed post on the same day or the next day of the inspection.
- vii. The authorized officer of the Licensee or supplier as the case may be upon detection of such theft of electricity disconnect the supply of electricity immediately. Any other officer of the Licensee or supplier as the case may be of the rank higher than the rank of that of authorized officer may also disconnect the supply of electricity.
- viii. As per the provisions of the Act the authorized officer of the licensee or supplier, as the case may be shall lodge a complaint in writing relating to commission of offence in police station having jurisdiction within twenty four hours from the time of disconnection<sup>[1]</sup> of supply of electricity to the premises.

**(b) Provisional Assessment and Notice to the Consumer –**

- (i). If the Assessing Officer comes to the conclusion that theft of Electricity has taken place in the premises (as defined under Section 135 of the Act), he will serve a provisional assessment order upon the person in occupation or in-charge of the premises, giving 7 days time under proper receipt for filing objections, if any, against the Provisional Assessment Order and fixing a date of hearing. The assessment shall be done as per guidelines provided in Annexure-7<sup>[1]</sup>, appended to the Code.

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[1] Corrigendum vide Notification No. BERC-RegI-06/06-part-II/02/08 dt.24.04.08

- (ii) Any person served with the order of provisional assessment may accept such assessment and deposit the assessed amount with the Licensee within seven days of service of such provisional assessment order upon him.

**(c) Hearing & Final Assessment**

- (i) On the date of hearing, the Assessing Officer shall hear to the person in occupation or possession or in-charge of the place or premises. The Assessing Officer shall give due consideration to the facts submitted by such person and pass, within 7 working days, a speaking order. The order shall contain the brief of inspection report, submissions made by such person in his written reply, and during hearing.
- (ii) A copy of the order shall be served to such person under proper receipt, and in case of refusal to accept the order or in absence of such person, shall be served on him under Registered Post / Speed Post. The person in occupation or possession or in charge of the place or premises shall be required to make the payment within 15 days of receipt of final assessment order.
- (iii) If the assessing officer reaches to the conclusion that the theft of electricity has taken place, the assessment shall be made for the entire period during which such theft of electricity has taken place and if, however, the period during which such theft of electricity has taken place cannot be ascertained, such period shall be limited to a period of twelve months immediately preceding the date of inspection.
- (iv) The assessment under (iii) above shall be made at a rate equal to twice the tariff applicable for the relevant category of service.
- (v) The licensee or supplier, as the case may be on deposit or payment of the assessed amount or electricity charges in accordance with complaint as referred to in the sub clause 11.2.3(a)(viii), restore the supply line of electricity within forty eight hours of such deposit or payment.

#### **11.2.4 Compounding of Offence:**

- i. Section 152 of the Act, which deals with compounding of offences, shall be applicable, where the State Government or any officer authorized by it in this behalf accepts from any consumer or person who committed or who is reasonably suspected of having committed an offence of theft of electricity punishable under this Act, a sum of money by way of compounding of the offence based on contracted load as specified in the Act.
- ii. The payment of the sum of money by way of compounding can be made with the officers of the licensee or the police Inspector of Police station

under whose jurisdiction the consumers premises is situated, if specifically empowered by the state government to accept the compounding amount.

- iii. After making the payments as above, and in accordance with section 152 (1) of the Act, any person if in custody, in connection with that offence, shall be set at liberty and no proceedings shall be instituted or continued against such consumer or person in any criminal court.
- iv. Compounding of an offence shall be allowed only once for any consumer or person.

Provided that such compounding amount shall be deposited in the State Government account by the above empowered authorities, and the licensee shall collect and retain the assessed amount, if any.

**11.3 Measures to prevent diversion of electricity, theft or unauthorized use of electricity or tampering, distress or damage to electrical plant, electric lines or meter.**

The licensees are mandated to take following steps:

- (1) Arrange to provide pilfer proof meter boxes on meters of at least 20% connections every year.
- (2) Review the status of service lines, to ensure that it is proper and wherever required, it should be replaced to prevent theft/ by passing of meter.
- (3) Regular inspection of premises of persons and other persons - At least 5% of total connections should be inspected annually and provisions of the section 126 & 135 of the Act be effectively implemented.
- (4) Priority shall be given to detection of direct theft cases by the vigilance teams of the licensee, particularly in theft prone areas.
- (5) Regular monthly monitoring of consumption of high value consumer, which shall include all the HT connections and LT connections having contract demand of 25HP & above and arrange prompt inspection of doubtful cases. A system shall be evolved and put in place within 3 months and furnish the detail of such system to the Commission.
- (6) Work out all 33KV & 11 KV feeder wise losses in next six months for big cities of the state. Losses for all 33KV & 11 KV feeders of District Head quarter towns shall be worked out within next one year and for other areas within next 2 years. Suitable action to be taken against the concerned officers/staff for non- compliance.
- (7) Ensure GIS/GPS mapping, Consumer indexing, updating and brushing off (ledgerise/regularize/update records) the consumers beginning from high loss feeders.

- (8) Install remote metering devices on all HT and high value LT connections on priority for the purpose of monitoring of consumption and prevention of theft of electricity.
- (9) Wide publicity through the media, TV and newspaper to bring awareness amongst consumers about the level of commercial losses, its implication on the honest consumers.
- (10) Seek the cooperation of social and consumer groups, NGO's for prevention of theft or unauthorized use of electricity or tampering, distress or damage to electrical plant, electric lines or meter through independent agencies, and creation of such groups feeder-wise.
- (11) Display boards containing the provisions of penalties, fines and other information about the above at its consumer service related offices, and other important places.
- (12) Display feeder-wise, area-wise, circle-wise, division-wise losses, efforts made for prevention of diversion of electricity, theft or unauthorized use of electricity or tampering, distress or damage to electrical plant, electric lines or meter and results obtained during the year, on its website.
- (13) Provide requisite security force to the inspecting officers for their safety, and expenses on such account shall be pass through in Annual Revenue Requirement (ARR) of the licensee.
- (14) Install meter on distribution transformers of the suspected area where the possibilities of theft of electricity exists and monitor the consumption of such meters with the consumption of individual consumer meters connected to the distribution transformer, and inspect the abnormalities.
- (15) Replace overhead bare conductors with cables in theft prone areas, wherever necessary, to prevent theft by direct hooking with the licensee's lines and expenditure on this account shall be a pass through in the ARR of the licensee.
- (16) Provide HV distribution system (LT less system) in theft prone areas using small capacity distribution transformer, wherever necessary, to prevent theft by direct hooking and expenditure on this account shall be a pass through in the ARR of the licensee.
- (17) Relocate the meters of existing consumers to an appropriate location so that it is outside the premises but within the boundary wall and easily accessible for reading, inspection/ testing and other related works. In doubtful cases and where continuous vigil is not possible, install meter for

such connection on its poles / feeders pillars with display unit at consumer premises. The consumption recorded in consumer meters should be reconciled with the reading of meter installed at concerned power stations.

- (18) Ensure that meter readers are rotated in such a manner that their area of meter reading is changed at least once in six months.
- (19) Maintain list of cases where theft of electricity has been detected clearly indicating the case where first Offence or subsequent offence(s) of the theft has been detected – Action as per provision of the Act to be taken.
- (20) Monitor case of theft and submission of abstract report to the Commission in respect of recovery of assessment amount and bills.

#### **11.4 Voluntary Declaration of Tampered Meters**

In case a consumer comes forward and voluntarily declares tampering of meter and /or seals:

- (a) The tampered meter shall be replaced with a new meter by the Licensee/consumer, as the case may be, immediately and the Licensee shall raise the assessment bill at normal tariff for the period of last 3 months for domestic and agriculture, and 6 months for all other consumers reckoned from date of declaration.
- (b) The energy bill, for the period the meter is not replaced, shall be sent as per the procedure for defective meters.
- (c) No case shall be lodged in case a consumer voluntarily declares the tampered meter and pays the requisite charges in time.
- (d) In case of default in payment, the procedure for booking the case of consumer shall be followed.

#### **11.5 General**

While making the assessment bill, the Licensee shall give credit to the consumer for the payments for energy consumption already made by the consumer for the period of the assessment bill. The assessed bill shall be prepared after excluding the payment for energy consumption already made by the consumer. The bill shall clearly indicate the timing, days and place where it is to be deposited.

- 11.6 Offences and penalties in respect of supply of electricity has been dealt in detail under section 135 to 152 of the Electricity Act, 2003 amended from time to time which shall be binding both for licensee or supplier as the case may be or the persons concerned. In case of any deviation in any of the provision specified in the code from the provisions of the Act the latter shall prevail.

## Chapter - 12

### MISCELLANEOUS

#### **12.1 Force Majeure and Restrictions on Supply of Power**

The Licensee may direct the consumer to curtail, stagger or altogether stop using supply in any of the following conditions and the Licensee shall not be liable for any claim or compensation on account of loss or damage arising out of failure of supply in such conditions.

- (i) When such failure is due to cyclone, floods, storms or other occurrences beyond his control either directly or indirectly, to war, mutiny, civil commotion, riot, strike, lockout, fire, flood, tempest, lightning, earthquake or other forced incidents such as break down of equipment, overhead lines and cables or causes beyond the control of the Licensee.
- (ii) In the event of restriction on power supply imposed by the Commission under Section 23 of the Electricity Act, 2003.
- (iii) In case of a major breakdown in the supply system of the Licensee such as Grid Failure that warrants curtailment of load.

#### **12.2 Demand Side Management (DSM)**

It shall be the duty of every consumer to stop wastage and inefficient use of electricity and also to extend necessary cooperation to the Licensee in implementation of the programs for Demand Side Management, and energy efficiency as required by the Energy Conservation Act and the Bureau of Energy Efficiency, and that may be launched by the Licensee. DSM programs may be undertaken for commercial, public lighting, water works and for energy efficiency improvement in Government buildings, commercial buildings, railways, defence establishments, etc.

#### **12.3 Service of Notice**

- (1) Service of any notice on the consumer may be effected either by delivering the notice to the consumer in person by an official of the Licensee or by dispatching the notice by registered post or Courier post or by publication in daily newspaper commonly read in the concerned locality. In the case of an individual consumer, service of notice to the consumer's spouse or his representative, and in the case of a firm, company or corporation, on the Managing Director, Director or Principal Officer or an authorised person of such a concern, shall be taken as sufficient service for the purposes of this Code. E-mail facility shall be also additionally be used without prejudice to the above, by the licensee wherever possible.

(2) If a consumer refuses or avoids receiving the notice, the service may be effected by affixing the notice at a conspicuous place on the premises of the consumer, in the presence of two witness or by publication in daily newspaper commonly read in the concerned locality, and in such cases an endorsement shall be made on the copy of the notice. This affixture or publication shall be deemed as sufficient for service of notice.

#### **12.4 Jurisdiction of Court:**

All proceedings arising out of this Code and the agreement made there under shall be filed only in the Court under whose jurisdiction the agreement was executed, subject to the overall jurisdiction of the Hon'ble Patna High Court.

#### **12.5 Repeal**

The "General Terms and Conditions for Supply" with all its amendments made from time to time by the Bihar State Electricity Board shall apply in respect of the period prior to coming into force of this Code and shall be repealed on enforcement of this Code i.e. the date of its publication in the official gazette..

#### **12.6 Power to Remove Difficulties**

(i) If any difficulty arises in giving effect to any of the provisions of this Code or there is a dispute regarding interpretation of any provision, the Commission shall pass necessary orders to remove such difficulties or disputes of interpretation.

#### **12.7 Savings**

(i) Nothing in this Code shall be deemed to limit or otherwise affect the inherent power of the Commission to make such orders as may be necessary for ends of justice to meet or to prevent abuses of the process of the Commission.

(ii) Nothing in this Code shall bar the Commission from adopting in conformity with the provisions of the Act a procedure, which is at variance with any of the provisions of this Code, if the Commission, in view of the special circumstances of a matter or class of matters and for reasons to be recorded in writing, deems it necessary or expedient for dealing with such a matter or class of matters.

(iii) Nothing in this Code shall, expressly or impliedly, bar the Commission dealing with any matter or exercising any power under the Act for which no Codes have been framed, and the Commission may deal with such matters, powers and functions in a manner it thinks fit.

(iv) Where there is variance in time schedule of completion of any work as provided in this Code with the time schedule specified in the Standards of Performance of Distribution Licensee Regulations the latter shall prevail.

By order of the Commission,  
Sd/-

Secretary

**Annexure – 1**

(See Clause 4.11)

**Application For Supply Of Electricity (Low Tension Supply)**

To,  
ASSISTANT ELECTRICAL ENGINEER  
ELECTRICAL SUPPLY SUB-DIVISION

Sir,

I / We request you to supply electricity for the premises owned / occupied by me/ us as mentioned below.

1. Name of the Customer in whose name connection is required.

.....S/O or W/O.....

2. Address for communication

Address:	Telephone No.
(a) Permanent	
(b) Present	

3(a) Location of premises where supply is required

Plot No.....House No.....Holding No.....

Ward No.....Road.....Street.....

P.O.....PS.....Town.....District.....

(b) Nearest Electric Pole No:

.....

(c) Is wiring Completed:

Yes

No

4(a) Is any other service existing in the same premises:

Yes

No

(b) If Yes, please give S.C No. and Connected Load

S.C No	Category	Connected Load

(c) Nature of Right & Title of the premises

(i) Self owned by applicant.....(enclose supporting paper)

Or

(ii) Occupied on rent .....(enclose supporting paper or permission of the owner)

5. Details of Connected Load

Sl.No	Details of Appliance	No of Points	Wattage HP	Total Wattage / HP
(i)	Lights			
(ii)	Fans			
(iii)	Small Power Appliances			
(iv)	Heaters			
(v)	AC's			
(vi)	Motors			
(vii)	Welding Sets			
(viii)	Others If any			
(ix)	Other Loads			
	<b>Total Load</b>			

6. Total New Connected Load Applied for:  KW  HP

7. Purpose of Supply:

8. Category of Supply:

Type	Category
Domestic	
LT Industrial	
Public Lighting	
Temporary	

Type	Category
Non - Domestic	
Irrigation	
Public Water	
Seasonal	

9. Status of Consumer

Individual	<input type="checkbox"/>	Registered Partnership	<input type="checkbox"/>
Unregistered Partnership	<input type="checkbox"/>	Public Limited Company	<input type="checkbox"/>
Pvt. Ltd. Company	<input type="checkbox"/>	Any Others	<input type="checkbox"/>

10. Social Group

SC	<input type="checkbox"/>	ST	<input type="checkbox"/>	Others	<input type="checkbox"/>
----	--------------------------	----	--------------------------	--------	--------------------------

11.(A) This requisition is for

1. A new service connection	<input type="checkbox"/>
2. Enhancement of connected load	<input type="checkbox"/>
3. Reduction of load	<input type="checkbox"/>
4. Change of Name of service connection	<input type="checkbox"/>
5. Change of Category	<input type="checkbox"/>
6. Shifting of service connection	<input type="checkbox"/>

Tick (✓) the box which is applicable

11(B) Details of requisition :-

(i) A new service connection for.....	KW/HP
(ii) Enhancement of connected load from .....kW/HP to ..... kW/HP	
(iii) Reduction of load from .....kW/HP to ..... kW/HP	
(iv) Change of Name of service connection from Sri ..... to Sri .....	
(v) Change of Category from ..... category to ..... category	
(vi) Shifting of service connection from existing location ..... to location	

12. Meter to be provided by

Licensee

Applicant

13. Undertaking

i) I / We .....am / are the statutorily bonafide owner for the premises for which new service connection is applied for  
or  
I / We .....am / are the person(s) authorized by the statutorily bonafide owner to avail service connection on my name for the said premises for which service connection is applied.

ii) All the required documents such as Ownership deed (ex. Tax receipt, copy of registered document etc.), wiring certificate and necessary approvals are enclosed hereunder to release the supply.

iii) I / We undertake and agree to avail supply of energy for the above mentioned purpose for a period not less than one year from the date of commencement of supply and to pay the Tariff and Miscellaneous charges approved by the Commission from time to time. In the event of non-payment of the said charges it shall be recoverable from me/us as public demand under the Bihar and Orissa Public Demand Recovery Act, 1914<sup>[1]</sup> amended from time to time. I/we shall abide by the terms and conditions of Bihar Electricity Supply Code (ESC) notified by the Commission from time to time, which shall govern the supply of electricity to me/us in all respects.

iv) I / We shall undertake to execute an Agreement in the prescribed form, if so called upon by the licensee whether such an agreement is executed or not, this application itself shall oblige me / us conform to and abide by the terms and conditions of supply notified by the licensee and approved by the Commission from time to time.

Place

Signature of the Applicant

Date

Name

\*\*\*\*\*  
**ACKNOWLEDGEMENT**

Sub Division

Date of Registration

Registration No

Signature of Receiving  
Officer With Stamp

Prop date of Inspection

**Annexure – 2**  
(See Clause 4.11)

**Application for Supply of Electricity at High Tension**  
**(to be submitted in 5 sets)**

Registration No:  Date:

Amount Paid Rs.:  DD No / Date:

To,

\_\_\_\_\_  
Designated Officer

Sir,

I / We request you to supply electricity at High Tension as mentioned below:

**1a. Name of the Customer in whose name connection is required:**

**1.b Status of the Customer:**

**2. Location of Premises where supply is required:**

Street:	Block:
Village: Plot No.	District: Pin Code:

**3. Addresses and Telephone Number for Communication:**

<b>Address:</b>	<b>Telephone No.</b>
Permanent	
Present	

4. Type of Service Required (Please tick the service applied for):

- New Service
- Additional Load (Alteration / Extension to existing installation)
- Reduction of load
- Title Transfer
- Change of Category
- Existing Category: \_\_\_\_\_ Proposed Category: \_\_\_\_\_

5. Category of Supply Requested (Please tick the category required):

Category	Purpose
HT S I	11 kV High Tension Service
HT S II	33 kV High Tension Service
EHT	132 kV Extra High Tension Service
HTSS	11KV/33KV High Tension Specified Service
RTS	25kV/132 kV Railway Traction Service

6. Are any other services existing in the same Premises:

Yes

No

If yes, details thereof are as follows: .....

Sl.No	Particulars	Details
i	Existing Service Connection Number	
ii	Existing Contracted Maximum Demand (kVA)	
iii	Existing Contracted Load (HP/kW)	
iv	Existing Connected Load (HP/kW)	
v	Date of conclusion of present HT Agreement	
vi	Date of release of supply	
vii	A.M.G of the service, if any	
viii	Security Deposit	

7. Are any other services existing elsewhere in the same name or in the names of sister concerns.

Yes

No

If yes, the details thereof are as follows:

Service Connection Number	Category

8a. Requirement of New / Additional Load:

I	Contracted Maximum Demand (kVA) (With Phasing if any)	_____
II	Contracted Load (HP/ kW)	_____

8b. Details of connected at the time of commencement of supply:

9. Total Load Requirement (Existing + New / Additional Load):

I	Contracted Maximum Demand (kVA) (With Phasing if any)	
II	Contracted Load (HP/ kW)	

10. Nature of industry and product manufactured:

11. Number of running days in a month

12. Number of running shifts of the factory

13. Period of season if load is seasonal

14. Date by which service is required

15. Power of Attorney

16. Whether the industry is availing / proposes to avail power from other sources. If so, please provide details:

17. (a) Whether the industry has back up, captive generating plant. If so, please provide details

17. (b) Any other information

18. Supporting documents enclosed (Please tick where applicable):

**Documents to be furnished**

- Details of Land, Survey Plot No., Mauza, Revenue Village No., etc.....
- Contracted Load Details (Where available)
- Memorandum of Understanding
- Articles of Association, Partnership Deed
- Site plan indicating the Proposed Receiving Points of Power Supply from the Company
- General Power Attorney
- NOC from Local Body (Eg. Gram Panchayat of MCH)
- Consent from Pollution Control Board (If Applicable)
- SSI Certificate (If applicable)
- Industrial License
- Employment Potential
- Financial Assistance
- Line of Manufacture
- Letter for Undertaking Capital Works on Turnkey Basis (Optional)

I / We request the company to provide meter / metering equipment for measuring electricity supplied to me

We undertake to execute an agreement in the prescribed form, if so called upon by the Distribution licensee.

Signature of Applicant

Signature of Original Owner  
(In case of title transfer)

Place

Date

Signed by the applicant in my presence:

<b>Witness 1</b>	<b>Witness 2</b>
Signature: Name and Address:	Signature: Name and Address:
Date:	Date:

\*\*\*\*\*

#### **ACKNOWLEDGE OF APPLICATION**

Registration No:

Date of Registration:

Signature of  
Receiving Officer with  
Stamp:

Total Amount  
Received:

Designated:

**Annexure – 3**  
(See Clause 6.1)

**Test Report**

*To be filled up by licensed Electrical Contractor*

Book No. \_\_\_\_\_

Form No. \_\_\_\_\_

**To be filled up by the licensee**

This is being issued for providing electrical connection at the premises of Mr./Mrs./Ms. \_\_\_\_\_ . The address of the premises is \_\_\_\_\_ .

The name and address of the licensed electrical contractor is \_\_\_\_\_ .

The date of issue of this report is \_\_\_\_\_ .

**To be filled up by the licensed electrical contractor**

5. I hereby declare that –

(a) I have \_\_\_\_\_ class license valid till \_\_\_\_\_.  
The license number is \_\_\_\_\_ .

(b) I have completed this work for Mr./Mrs./Ms. \_\_\_\_\_  
for his \_\_\_\_\_ .

**Details of Job**

SI No.	Item	220 / 230 Volts						440 / 400 Volts	
		Red Phase		Green Phase		Blue Phase		No	Total Watts
		No.	Total Watts	No.	Total Watts	No.	Total Watts		
1									
2									
3									
4									
5									
6									
7									

(c)

(i) The particulars of the employees who executed the job are tabulated below.

Sl No.	Name of the Wireman / Trainee	Designation	Period	
			From	To

(ii) The work was carried out under the supervision of \_\_\_\_\_ (Supervisor Wireman) whose certificate number is \_\_\_\_\_. He is responsible for work carried out during the period \_\_\_\_\_.

(d) This installation specifications adhere to all the provisions of Indian Electricity Rules 1956.

6. I also declare / certify the following :

(a) The installed switches are of correct ratings: Yes / No

(b) All the switches and wiring are permanent and of correct specifications Yes / No

(c) All plugs are of three pin type and controlled by separate switches Yes / No

(d) All the Single Pole switches connected to the phase Yes / No

(e) Required permanent mark is provided on the main switch board for Neutral point Yes / No

(f) Arrangement for earthing is according to Rule 61 of Indian Electricity Rules, 1956 Yes / No

(g) In case of three phase installation

(i) Danger board, fire extinguisher with buckets, shock chart and first aid kit have been provided for Yes / No

(ii) The installation specifications of the switch board is as per Rule 15 of Indian Electricity Rules, 1956 Yes/ No

7 Test results

Date of testing \_\_\_\_\_

	Insulation to Earth	Insulation between conductors
Phase 1		
Phase 2		
Phase 3		

Earth Resistance	Date of testing
Electrode No. 1	Electrode No 2

8 The date of registration according to form 'L' of Bihar Govt. Licensing Board (Electricity) is as follows:

Sl No.\_\_\_\_\_

Date \_\_\_\_\_

Signature of the Licensed Electrical Contractor

### **Certificate from *Supervisor* wireman**

It is hereby certified that the aforesaid work has been undertaken by \_\_\_\_\_  
\_\_\_\_\_ who has a wireman permit number of \_\_\_\_\_  
\_\_\_\_\_ that is valid till \_\_\_\_\_.

It is also certified that testing of the installation has been undertaken by \_\_\_\_\_  
\_\_\_\_\_ who has a permit number of \_\_\_\_\_  
\_\_\_\_\_ that is valid till \_\_\_\_\_.

Signature of the wireman

Signature of *Supervisor*, wireman

### **Receipt**

The test report form number \_\_\_\_\_ for the installation at the premises  
of \_\_\_\_\_ prepared by \_\_\_\_\_  
has been received on \_\_\_\_\_.

Signature of Officer in-charge

Name

Designation

Date

#### Annexure – 4

(See Clause 6.37)

#### Determination of Connected Load

##### *Domestic Connection*

1. Name of the consumer : \_\_\_\_\_
2. Address : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
3. Consumer Number (for existing connections) : \_\_\_\_\_
4. Electrical equipments proposed to be put to use : *Please fill-up the following table to enable determination of the connected load. Normally the actual load of each item will be considered to determine the connected load at the premises. In case of non-availability of the rated capacity of any item, the load shown below shall be considered.)*

Item	Load per item (Watts)	No.	Total load (Watts)
1	2	3	4 = 2x3
Bulb	As per actual rating		
Tube light	40		
Fan	60		
Tape-recorder/Music system	25		
Television – Colour – Black & While	100 60		
Mixie	60		
Freeze	200 or actual		
Cooler	200 or actual		for 6 months April to Sep
Heater (for cooking and water heating)	1000		
Washing machine	750 or as actual		
*Geyser	1500 / 2000 or as actual		* for 3 months only, Dec. to Feb
Microwave Oven	2000		
*Air Conditioner (1 ton/1.5 ton/2.0 ton)	1500 / 2000 / 2250		* for 6 months only, Apr. to Sep

Split Air Conditioner 1.5 ton	2250		* for 6 months
Computer	100		
Printer	150		
Water lifting Pump set	375 or actual		
Inverter to be used in case of power failure for own use	NIL		
		Total	

Note:

- (a) Spare socket points holders shall not be counted towards connected load.
- (b) Defective appliances like cooler, freeze, T.V., Iron, Oven, etc. which are not connected and not working shall not be taken into account.
- (c) In some domestic connections Geyser, Room Heater and Air-conditioner (without heater) are installed. The load of Geyser(s) and Room Heater(s) shall be accounted for billing for the month of December, January & February and the load of Air-conditioner(s) (without heater) shall be taken into account for the month of April to September. The load of Air-conditioner(s) with heater(s) shall be accounted as connected load for full year.
- (d) Any other item of load not included above shall be taken as per manufacturers rating.
- (e) Fraction of load in kW shall be taken as next higher whole number for the purpose of billing or as otherwise provided in the tariff order.

Signature of the Consumer

Date: \_\_\_\_\_

Place : \_\_\_\_\_

Signature of the licensee's representative

Date: \_\_\_\_\_

Place : \_\_\_\_\_

**Annexure – 4A**  
(See clause 6.38)  
**Self Declaration of Connected Load**

1. Name and address of the Consumer .....
2. Consumer No. / Account No. .....
3. Category of Consumer .....
4. Purpose of Supply .....
5. Details of Load Connected.

Sl. No.	Name of Appliances	Unit	No.	Total kW/HP
---------	--------------------	------	-----	-------------

- (i)
- (ii)
- (iii)
- (iv)
- (v)
- (vi)
- (vii)
- (viii)
- (ix)
- (x)

---

Total Aggregate Load .....

Note: In case of HT/EHT/Railways the details of transformer installed and the Connected Load to be furnished

6. Sanctioned Load .....
7. Extra Load .....

Date

Signature of the Consumer

**Annexure – 5**  
(See Clause 7.5 [a])

**Format for Intimation to Consumer after Temporary Disconnection of Supply**

From

-----  
-----

No. \_\_\_\_\_

Dated: \_\_\_\_\_

\_\_\_\_\_ (Name of Consumer)  
\_\_\_\_\_ (Address)

**Reference:**

Connection No. \_\_\_\_\_

Consumer Category \_\_\_\_\_

Contracted Load \_\_\_\_\_

This is to inform you that your supply has been temporarily disconnected with effect from \_\_\_\_\_ due to following reasons: \_\_\_\_\_

\_\_\_\_\_  
You are requested to remove the cause of disconnection and intimate this office at the earliest. You are also requested to pay sum of Rs. \_\_\_\_\_ towards disconnection, re-connection charges and \_\_\_\_\_ (Pl. mention if any other dues is to be deposited. Pl. also give break up of the total sum).

If the cause of disconnection is not removed to the satisfaction of this office, your supply shall be permanently disconnected as per clause 7.6 (i). Late payment Surcharge shall be levied as per clause 7.6 (ii)

Thanking you,

Yours faithfully

Name, Signature & Designation of the representative of the Licensee

**Annexure – 6**

(See Clause 11.1(a) (iv)

**INSPECTION REPORT**

(Under Section 126 of the Act)

Sub Division:

I.      Inspection notes of Sri \_\_\_\_\_ Dated \_\_\_\_\_ 200  
Time of Inspection: \_\_\_\_\_ Total time of inspection: \_\_\_\_\_

II.     (a) Name and address  
of the occupant of the place/premises

(b) Person present at the  
time of inspection:              Name              Signature

(i) -----  
(ii) -----  
(iii) -----  
(iv) -----

III.    (a) Any other person available at the  
time of inspection and his / her  
relationship with the occupant of  
the place/premises:

(b) Any other departmental staff present:

IV.     1. Service Connection No.:  
2. Distribution:  
3. Nature of premises:  
4. Category:

V.      (a) Meter diagram indicating the seals position & their condition:

Location of the meter

Height of the meter

Impression on Seals

Impression on Seals

Before Inspection

After Inspection

VI (a) Meter Reading:

(i) KWH

(ii) KVAH

(b) Status of Meter:

Running / Stop / Defective / Burnt

(c) CT / PT Connection details with phase sequence

VII Details of Connected Load

1. kW/HP

2. kW /HP

3. kW/HP

4.

5.

6.

In case of HT Transformer detail and connected load details are to be given separately

VIII Findings and Conclusion of the Inspecting Team

IX Signature of all members of the inspecting team and occupant of the premises or his representative.

## Annexure – 7

(See Clause 11.1[b][i])

### **(A.) Assessment in case of Unauthorized Use of Electricity**

1. Units Assessed =  $L * F * D * H$

Where  $L$  = is the connected load in kW or in KVA where KVAh rate is applicable.

$F$  = connected load factor for different types of supply as given below:

- a) For L & F and domestic power consumers  $F = 0.30$
- b) For non-domestic L & F and power consumers  $F = 0.50$
- c) For small and Medium power consumers  $F = 0.50$
- d) For large and heavy power consumer  $F = 0.75$
- e) Agriculture  $F = 0.30$
- f) Categories not covered above  $F = 0.50$

$D$  = is the number of days during which unauthorise use of electricity has taken place and if, however, the period during which such unauthorise use of electricity has taken place cannot be ascertained such period shall be limited to a period of 12 months (365 days) immediately preceding the date of inspection.

$H$  = is the average actual no. of hours per day the supply is made available on the feeder feeding the consumer or person as the case may be during the period.

2. The consumption so assessed shall be charged at twice the rate per unit of the tariff applicable to the consumer category after adjusting the amount paid by the consumer / person for the energy consumption assessed for the assessment period if any. The amount billed at this rate shall not be taken into consideration for the purpose of computing consumer's liability to pay monthly / annually minimum charges, wherever applicable.
3. If the connected load of the consumer is found in excess of load contracted, then the fixed charge or demand charge, as the case may be, shall also be charged at two times of the fixed charge or demand charge for the connected load minus charge or demand charge for the contracted load at the applicable tariff rate. Period for computation of this charge shall be as given at 'D' above.

4. In cases where fixed monthly tariff exist, monthly assessment shall be made at twice the monthly rate.

**(B.) For cases where usage of electricity is for other purpose than authorized.**

(i) if it is found at any time that the energy supplied is used for a purpose on which higher tariff is applicable, the total energy consumed in the previous twelve month from the date of detection shall be charged at twice the rate applicable for the category for which load was found to have been used. Provided if it is found at any time that the energy supplied is used for a purpose on which lower tariff is applicable, it shall not be considered as UUE and no penal action will be taken.

(ii) The calculations above are subject to the condition that metering of energy is healthy, else, the energy will be calculated on the basis of LFDH formula after adjusting the amount paid by the consumer / person for the energy consumption assessed for the assessment period if any as per details in A above.

**(C.) Assessment of Energy in cases of Theft / Pilferage.**

- (i) Assessment of energy in the cases of theft / pilferage shall be done based on the formula  $L \times F \times D \times H$ , as in unauthorized use. The 'L' 'F' 'H' and 'D' shall remain the same.
- (ii) Only for direct theft, 'F' shall be = 1.0 (100%)
- (iii) The consumption so assessed, shall be charged at twice the normal tariff applicable and payment made for energy consumption of the assessment period shall be adjusted.

**Note:**

In case of tampered meters, the inspecting authority shall book the consumer under section 126 for UUE only where such tampered meters are found in use, but there is no incriminating evidence available that implicates the consumer.

The inspecting authority shall book the consumer under Section 135 only when incriminating evidence found implicates such consumer(s) dishonestly committing theft of electricity through tampered meters.

## **Annexure – 8**

(See Clause 11.2.3(a) (v))

## **INSPECTION / SEIZURE REPORT**

(Under Section 135 of the Act)

### Sub Division:

I. Inspection/Seizure notes of Sri \_\_\_\_\_ Dated \_\_\_\_\_ 200  
Time of Inspection/Seizure: \_\_\_\_\_ Total time of inspection/Seizure: \_\_\_\_\_

II. (a) Name and address  
of the occupant of the place/premises

(b) Person present at the time of inspection / Seizure: Name Signature

- (i) -----
- (ii) -----
- (iii) -----
- (iv) -----

III. (a) Any other person available at the time of inspection and his / her relationship with the occupant of the place/premises:

(b) Any other departmental staff present:

IV. 1. Service Connection No., if any:  
2. Distribution:  
3. Nature of premises:  
4. Category:

V. (a) Meter diagram indicating the seals position & their condition, if meter installed:

## Impression on Seals

## Before Inspection After Inspection

VI (a) Meter Reading, if installed:  
(i) KWH  
(ii) KVAH  
(b) Status of Meter, if installed:  
Running / Stop / Defective / Burnt  
(d) CT / PT Connection details with phase sequence

VII Details of Connected Load  
1. kW/HP  
2. kW /HP  
3. kW/HP  
4.  
5.  
6.  
In case of HT Transformer detail and connected load details are to be given separately

VIII List of items with full details seized during inspection/search

IX Findings and Conclusion of the Inspecting Team

X Signature of all members of the inspecting team and occupant of the premises or his representative.