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ಭಾಗ – ೩ Part – III	ಬೆಂಗಳೂರು, ಶುಕ್ರವಾರ, ೧೪, ಆಗಸ್ಟ್, ೨೦೨೬ (ಶ್ರಾವಣ, ೨೩, ಶಕವರ್ಷ, ೧೯೪೮) BENGALURU, FRIDAY, 14, AUGUST, 2026 (SHRAVANA , 23, SHAKAVARSHA, 1948)	ನಂ. ೭೧೬ No. 716

KARNATAKA ELECTRICITY REGULATORY COMMISSION

No. 16 C-1, Miller Tank Bed Area, Vasanthanagara, Bengaluru- 560 052.

Draft NOTIFICATION

No: KERC/DDD/ESR/2026-27/2376, Bengaluru, dated: 14.08.2026.

Draft Karnataka Electricity Regulatory Commission Electricity Supply Regulations (ESR), 2026.

CONTENTS

Draft NOTIFICATION

PREAMBLE:

The Section 16 of the Electricity Act, 2003 empowers the Appropriate Commission to specify, within one year from the appointed date, such general or specific conditions of licence as may be applicable to the Licensees referred to in the first to fifth provisos to Section 14 of the Act;

And whereas, in exercise of the powers conferred under Section 16 and Section 50 of the Electricity Act, 2003, read with the relevant provisions of the Karnataka Electricity Reform Act, 1999, the Commission has notified the KERC (Conditions of Licence to ESCOMs) Regulations, 2004;

And whereas, "Conditions of Supply of Electricity of the Distribution Licensees in the State of Karnataka" (CoS) were notified in the Gazette on 17th June, 2006 and have since been amended from time to time;

Section 46 of the Electricity Act, 2003 authorizes the State Commission to empower, by Regulations, a Distribution Licensee to recover from any person requiring supply of electricity under Section 43, the expenses reasonably incurred in providing any electric line or plant for the purpose of supply; and in exercise of the powers under Sections 46 and 181 of the Act, the Commission notified the KERC (Recovery of Expenditure for Supply of Electricity) Regulations, 2004, as amended from time to time;

The Hon'ble Appellate Tribunal for Electricity, in Appeal No. 181 of 2008, directed the Secretary of the Forum of Regulators (FOR) to undertake a comparative study of the Standards of Performance and Supply Codes notified by various State Commissions to identify variations and gaps requiring rectification; pursuant thereto, the FOR formulated a Model Supply Code in 2011 incorporating mandatory statutory provisions and best practices relating to consumer service, after due consultation with Regulatory Commissions and stakeholders;

And whereas, in its 82nd Meeting held on 16th September, 2022, the Forum of Regulators considered the reference from the Ministry of Power dated 28th July, 2022 regarding simplification of the process for amendment of Supply Codes notified by State Electricity Regulatory Commissions (SERCs), and resolved to constitute a Working Group to update the Model Supply Code by incorporating recent developments; the revised Model Supply Code was thereafter finalized;

Considering the above, the Commission felt it necessary to simplify by taking up comprehensive review and updating the existing CoS and other regulations relating to supply of electricity into a consolidated one. Therefore, with a view to consolidate the existing regulatory framework relating to supply of electricity, eliminate duplication by removing the inconsistencies between the provisions of various regulations relating to supply, and ensure clarity and uniformity, the Commission has considered it expedient to repeal the following Regulations:

1. KERC (Electricity Supply) Code, 2004;
2. KERC (Recovery of Expenditure for Supply of Electricity) Regulations, 2004 and amendments thereto;
3. KERC (Interest on Security Deposit) Regulations, 2005 and amendments thereto;
4. KERC (Procedures for filing Appeal Before the Appellate Authority) Regulations, 2005 and its Amendments thereto;
5. Conditions of Supply (CoS) of Electricity of Distribution Licensees in the State of Karnataka, 2006 and Amendments thereto;
6. KERC (Security Deposit) Regulations, 2007 and Amendments thereto;

These Regulations are intended to comprehensively govern matters relating to supply of electricity to various categories of consumers, including procedures for grant of new connections, disconnection and reconnection, assessment and modification of sanctioned load, change of name, change of tariff category, regularization of unauthorized use, and other alterations in existing service connections;

The Regulations also prescribe the practices relating to consumer metering, billing and payment of electricity charges, and specify the fee structure, security deposits and other amounts recoverable from consumers in accordance with law;

Now, therefore, the Distribution Licensee shall, in discharge of its statutory obligations and in providing supply and related services to consumers, comply with all applicable technical standards and safety requirements specified by the Central Electricity Authority

(CEA) under the Electricity Act, 2003, and Electricity Distribution Code including but not limited to the following Regulations, as amended from time to time:

1. Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022, and its Amendments thereof;
2. Central Electricity Authority (Technical Standards for Connectivity to the Grid) Regulations, 2007, and its Amendments thereof;
3. Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006 and Amendments thereof;
4. Central Electricity Authority (Safety Requirements for Construction, Operation and Maintenance of Electrical Plants and Electric Lines) Regulations, 2011, and its Amendments thereof;
5. Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulations, 2023, and its Amendments thereof;
6. Central Electricity Authority (Technical Standards for Connectivity of the Distributed Generation Resources) Regulations, 2013, and its Amendments thereof;
7. Electricity (Rights of Consumers) Rules, 2020 and its Amendments thereof;
8. Karnataka Electricity Distribution Code, 2025, and its Amendments thereof;

The Distribution Licensee shall ensure strict adherence to the aforesaid standards in respect of safety, metering, construction of electrical plants and lines, grid connectivity and all other related technical aspects, and shall host updated and downloadable copies of the relevant Regulations on its official website for public access.

Therefore, in exercise of the powers conferred by Section 50 read with subsection (1) of Section 42, Section 43, Section 44, Section 45, Section 46, Section 126, Section 127, Section 135, clause (x) of sub-section (2) of Section 181 of the Electricity Act, 2003 (36 of 2003) (hereinafter referred to as "the Act"), and all other powers enabling it in this behalf, the Karnataka Electricity Regulatory Commission hereby makes the following Regulations, inviting comments/views/suggestions/objections from the stakeholders, general public and interested persons.

The Stakeholders / interested persons are requested to file their comments/views/suggestions/objections, if any, on the Draft Karnataka Electricity Regulatory Commission (Electricity Supply) Regulations, 2026 on or before **30 (thirty) days** from the date of Notification publish in the Gazette, before the Commission to **the Secretary, KERC, #16 C-1, Millers Tank Bed Area, Vasanth Nagar, Bengaluru 560052.**

Chapter I

Short Title, Extent, Applicability and Commencement

1.0 Applicability and Commencement:

1.1. Short Title:

These Regulations shall be called the **Karnataka Electricity Regulatory Commission (Electricity Supply) Regulations, 2026 (hereinafter referred to as the "Electricity Supply Regulations," or "ESR").**

1.2. Extent and Applicability:

These Regulations shall extend to the whole of the State of Karnataka and shall be applicable to all the Distribution Licensees operating within the State and to all consumers and applicants for supply of electricity, unless otherwise specifically provided.

1.3. Commencement:

These Regulations shall come into force on the date of their publication in the Official Gazette of Karnataka and shall remain in force until amended, repealed or modified by the Commission in accordance with law.

1.4. Forms and Formats:

The formats, Schedules and Annexures (ANNEX) appended to these Regulations are intended for uniform implementation and includes any amendments or any other forms and formats that the Commission deems fit and notified from time to time through Orders.

Chapter II

Definitions

2.0 Unless the meaning is repugnant to the context, the following words shall have the meanings assigned to them.

2.1. "ACT" means The Electricity Act, 2003 (36 of 2003);

2.2. **"ACCOUNT ID"** means a system generated 10 (ten) digit reference number allotted to each consumer by Distribution Licensee for identification and reference purpose. It is a unique number for all Distribution Licensees;

2.3. **"ADVANCE METERING INFRASTRUCTURE (AMI)"** means an integrated system of smart meters, communication networks and data management systems that enables two-way communication between the utilities and energy meters, and the functional blocks of Advanced Metering Infrastructure typically include Head end system, Wide area network, Neighbourhood area network, Data concentrator unit (DCU) and home area network;

2.4. **"AGREEMENT"** means declaration given by the applicant on the application submitted by him seeking power supply/reduction/increase in load/transfer of installation/change in tariff category, etc., and acknowledgement given by the Licensee having accepted such application.

2.5. **"ASD"** means Additional Security Deposit as specified under these Regulations;

2.6. **"AMPERE"** means a unit of electric current;

2.7. **"APPELLATE AUTHORITY"** means the Authority prescribed by the State Government under sub-section (1) of Section 127 of the Act;

2.8. **"APPLICANT"** means an owner or occupier of any land/premises who files an application with a Distribution Licensee for supply of electricity, increase or reduction in sanctioned load/contracted demand, change in title or disconnection or restoration of supply, or shifting of lines or meters as the case may be, in accordance with the provisions of the Act, Rules and Regulations made thereunder or for any such other services;

2.9. **"APPLICATION"** means application form complete in all respects in the appropriate format as required by the Licensee, along with documents showing payment of necessary charges and other compliances;

2.10. **“APPARATUS”** means electrical apparatus and includes all machines, fittings accessories and appliances in which conductors are used;

2.11. **“ASSESSING OFFICER”** means an officer of the State Government or Licensee, as the case may be, designated as such by the State Government under Section 126 of the Electricity Act 2003;

2.12. **“AREA OF SUPPLY”** means the area within which a Distribution Licensee is authorized by his licence to supply electricity;

2.13. **“AUGMENTATION CHARGES”** means one time Charges collected by the Distribution Licensee from the Consumer/Applicant for upgradation, expansion, or enhancement of the infrastructure such as transformers, substations, and supply lines required to accommodate that applicant or consumer’s load;

2.14. **“AUTHORIZED OFFICER”** means an officer authorized by the State Government under Section 135 of the Electricity Act 2003;

2.15. **“AUTHORITY”** means the Central Electricity Authority referred to in sub-section (1) of section 70 of the Act;

2.16. **“AUTOMATED METER READING SYSTEM” (AMR)** means the scheme to automate the task of collection and transfer of data from each meter / location to Meter Data Acquisition System (MDAS) at the central location or an intermediate location or any other Data Storage Device;

2.17. **“Bank rate”** means the bank rate notified by Reserve Bank of India;

2.18. **“BDA”** means, the Bangalore Development Authority as defined under Section 2 (a) of the Bangalore Development Authority Act, 1976;

2.19. **“BILLING CYCLE OR BILLING PERIOD”** means the period between 2 (two) consecutive meter reading dates for which regular electricity bills as specified by the Commission, are prepared for different categories of consumers by the Licensee;

2.20. "BMRDA" means, the Bangalore Metropolitan Region Development Authority, as defined under Section 2 (a) of the Bangalore Metropolitan Region Development Authority Act, 1985;

2.21. "BREAKDOWN" means an occurrence relating to the equipment of supply system or other electrical line which prevents its normal functioning;

2.22. "BUILT-UP AREA" means the sum of the actual building areas of each of the floors of the building including the cellar, measured between the external walls;

2.23. "BULK SUPPLY" means the sale of electricity to any person for resale, such as, supply given to a Distribution Licensee for purposes of distribution in his area of supply;

2.24. "CALENDAR YEAR" means the period from the first day of January of a year to the thirty-first day of December, of the same year;

2.25. "CALL CENTRE" means the office set up (may be at back end or customer interfacing front end including a physical customer care centre) equipped with adequate technology, systems and staffing for registering Consumer complaints and related issues round the clock;

2.26. "CHECK METER" means a meter connected to the same core of the Current Transformer (CT) and Voltage Transformer (VT) to which main meter is connected;

2.27. "COMMISSION" means the Karnataka Electricity Regulatory Commission constituted under subsection (1) of Section 3 of the Karnataka Electricity Reform Act 1999;

2.28. "CONDUCTOR" means any wire, cable, bar, tube, rail or plate used for conducting electricity and so arranged as to be electrically connected to a system;

2.29. "CONNECTED LOAD" expressed in kW, kVA or HP, means aggregate of the manufacturer's rated capacities of all energy consuming devices or apparatus connected with the Distribution Licensee's service line on the consumer's premises which can be simultaneously used;

2.30. "CORPORATION" means, a corporation as established under the Greater Bengaluru Authority Act and Karnataka Municipal Corporations Act, 1976;

2.31. "CONSUMER" means any person who is supplied with electricity for his/her 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;

2.32. "CONTRACTED DEMAND" means the load in kW, kVA or HP in respect of HT/EHT connection, agreed to be supplied by the Licensee as indicated in the application form submitted by the Applicant/Consumer;

2.33. "CONSUMER INSTALLATION" means the whole of the electric wires, fittings, motors and apparatus installed and wired by or on behalf of the Consumer in one and the same premises starting from the point of commencement of supply;

2.34. "CONTRACTOR" means a qualified Electrical Contractor (LEC) having valid Licence / recognized by the Government of Karnataka and such other persons who are authorized by the Government of Karnataka/ India to carry out electrical installation works;

2.35. "CUT-OUT" means any appliance or device for automatically interrupting the conduction of electricity through any conductor when the current rises above a pre-determined quantum and shall also include fusible devices;

2.36. "DATE OF COMMENCEMENT OF SUPPLY" means the date of actual availing of supply by the Consumer or the date of expiry of a period of 30 (thirty) days from the date of intimation to the Consumer of the availability of the power by the Licensee, whichever is earlier;

2.37. "DEMAND CHARGE" for a billing period refers to a charge levied on the consumer based on the contracted/sanctioned load or maximum demand, whichever is higher, and shall be calculated as per the procedure laid down in the Tariff Order approved by the Commission;

2.38. "DESIGNATED AUTHORITY OF THE LICENSEE" means an authority who has been notified as such by the Licensee;

2.39. "DEVELOPMENT AUTHORITY" means, the urban Development Authority defined under section (2) (a) and constituted under section 3 of the Karnataka Urban Development Authorities Act, 1987;

2.40. "DISTRIBUTION LICENSEE OR LICENSEE" means Licensee as defined under the Section 2 (17) of the Act;

2.41. "DISTRIBUTING MAIN" means the portion of any main with which a service line is, or is intended to be, immediately connected;

2.42. "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;

2.43. "DISCONNECTION" means the physical separation of the consumer installation from the distribution system either at the site or remotely so as to cut off supply of electricity to the consumer;

Explanation: Automatic separation of supply due to exhaust of credited amount in the case of pre-payment meter shall not be treated as disconnection and resumption of normal supply shall be ensured once the meter is recharged.

2.44. "EARTHED" means connected with the general mass of earth in such manner as to ensure at all times an immediate discharge of energy without danger;

2.45. "ELECTRICITY" means electrical energy generated, transmitted, supplied or traded for any purpose; or used for any purpose except the transmission of a message;

2.46. **"ELECTRICAL INSPECTOR"** means an Electrical Inspector appointed under Section 162 of the Electricity Act, 2003 by the Appropriate Government and includes the Chief Electrical Inspector;

2.47. **"ELECTRIC LINE"** means any line, which is used for carrying electricity for any purpose and includes:

1. 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
2. any apparatus connected to any such line for the purpose of carrying electricity.

2.48. **"ELECTRICAL PLANT"** means any plant, equipment, apparatus or appliance or any part thereof used for, or connected with, the generation, transmission, distribution or supply of electricity but does not include:

1. an electrical line; or
2. a meter used for ascertaining the quantity of electricity supplied to any premises; or
3. an electrical equipment, apparatus or appliance under the control of a Consumer.

2.49. **"EMERGENCY SHEDDING"** means load shedding carried out by disconnecting at short notice or no notice for safety of personnel and equipment;

2.50. **"ENERGY CHARGE"** refers to a charge levied as per tariff on the consumer based on the quantity of electricity measured units in kWh or kVAh supplied;

2.51. **"ENGINEER"** means a qualified Engineer, by whatever name he may be designated, who is employed by the Licensee and who is in charge of the local area having direct jurisdiction over the area of supply or any part thereof in which the premises to be served are located and who is notified as such for the purposes of these Regulations and includes any other employee with engineering qualification duly authorized by Licensee or his superior officer to exercise any power, jurisdiction or authority under these Regulations;

2.52. **“EXTRA HIGH VOLTAGE (EHV)” OR “EXTRA HIGH TENSION (EHT)”** means a voltage exceeding 33000 Volts;

2.53. **“FACTORY” or “FACTORY PREMISES”** means Factory defined under Occupational Safety, Health and Working Conditions Code 2020;

2.54. **“FAULTY METER”** means a Meter which does not record or which records with an error beyond the permissible limits specified by the appropriate Authority under the Act.

2.55. **“FEEDER”** means a LT, HT or EHT distributor, emanating from a substation, to which a distribution substation or LT, HT or EHT consumers are connected;

2.56. **“FINANCIAL YEAR” OR “YEAR”** means the period beginning from first of April in a year and ending with the thirty first of the March of the next year;

2.57. **“FIXED CHARGES”** shall be as per the provisions of the prevailing Tariff Orders issued by the Commission;

2.58. **“GRAMA PANCHAYAT” -** means the Grama Panchayat defined under section (2) (15) and established under the Karnataka Panchayat Raj Act, 1993;

2.59. "**GREATER BENGALURU AUTHORITY" means the larger urban area of the City of Bengaluru and such other areas as the State Government may, by notification specify in that behalf;**

2.60. **“HIGH TENSION“ (HT) OR HIGH VOLTAGE (HV)”** means supply voltages of more than 650 volts and up to and inclusive of 33000 volts.

2.61. **“ISD”** means Initial Security Deposit as specified under these Regulations;

2.62. **“KER ACT”** means the Karnataka Electricity Reform Act, 1999;

2.63. **“kV”** means Kilo Volts;

2.64. "LOAD FACTOR" is the ratio of the total number of units consumed during a given period to the total number of units which would have been consumed had the contracted demand/sanctioned load been maintained throughout the same period;

2.65. "LOW VOLTAGE (LV)" OR "LOW TENSION (LT)" means supply voltages of 650 Volts and below;

2.66. "MAXIMUM DEMAND" means the highest load measured in average kVA or kW at the point of supply of a Consumer during any consecutive period of 30 (thirty) minutes or as specified by the Commission, during the billing period;

2.67. 'METER' means a device suitable for measuring, indicating and recording consumption of electricity or any other quantity related with electrical system and shall include, wherever applicable, other equipment such as Current Transformer (CT), Voltage Transformer (VT) or Capacitor Voltage Transformer (CVT) necessary for such purpose;

2.68. "MMD" means Monthly Minimum Deposit;

2.69. "METER READING DATE" means the date fixed by the Licensee for meter reading;

2.70. "MONTH" means the calendar month or the period between the meter reading date in a particular month and the corresponding meter reading date of the immediately succeeding month;

2.71. "MSD" means Meter Security Deposit as specified in these Regulations;

2.72. "NOTIFIED VOLTAGE" means a voltage notified by the Appropriate Government under intimation to the Authority for the purpose of specifying the voltage level up to which self-certification is to be carried out;

2.73. "OCCUPIER" means the owner or any person in lawful occupation of the premises where energy is used or proposed to be used;

2.74. “OFFICE OF ISSUE” means the office from which the claims for power supply charges or any other charges are made or any notice is issued by the Licensee;

2.75. “OHM” means a unit of electric resistance;

2.76. “O&M OFFICE“ means the local office of the Licensee in charge of supply and distribution of electricity;

2.77. “OCCUPANCY CERTIFICATE” means the occupancy certificate, or such other certificate by whatever name called, issued by the competent authority permitting occupation of any building, as provided under local laws, which has provision for civic infrastructure such as water, sanitation and electricity;

2.78. “OUTLET“ means in any electrical installation, a point to which an electrical appliance is or is intended to be connected;

2.79. “OVERHEAD LINE” means any electric supply-line, which is placed above ground and in the open air but excluding live rails of traction system;

2.80. “PERSON” shall include any company or body corporate or association or body of individuals, whether incorporated or not, or artificial juridical person;

2.81. “POWER FACTOR” (PF) means the ratio of watts to Volt-Amperes, or the ratio of kWh to kVAh, as applicable;

Note: - Billing Power factor shall be the average PF recorded in Electronic Tri-vector Meter/static meter/smart meter. In case the same is not available, the ratio of kWh to kVAh consumed during the billing period and in case of non-availability of the above also, the PF obtained during the rating shall be used.

2.82. “POINT OF COMMENCEMENT OF SUPPLY” means the outgoing terminals of the Licensee’s metering system fixed in the premises of the Consumer in case of LT installations and the outgoing terminals of the Licensee’s Metering cubicle placed before any Consumer’s apparatus in case of HT/EHT installations. In the absence of any metering cubicle or the metering being on the LT side in case of HT/EHT installations, the point of commencement of supply shall be the incoming terminals of the Consumer’s main switchgear;

2.83. "POINT OF CONNECTION" means a terminal pole/Distribution Feeder Pillar carrying LT/HT line and is situated within 30 meters outside the premises of the Applicant;

2.84. "POINT OF SUPPLY" means the point at which the consumer is supplied electricity;

2.85. "PREMISES" includes any land, building or structure;

2.86. "PRE-PAID / PRE-PAYMENT METER" means a smart meter conforming to relevant IS which facilitates use of electricity only after advance payment;

2.87. "PUBLIC LAMP" means an electric lamp used for lighting of any street or any public place;

2.88. "REVENUE REGISTER NUMBER or R.R. No." means the number assigned to the Consumer's installation;

2.89. "RURAL AREAS" means the areas covered by Gram Panchayats;

2.90. "RE-CONNECTION" means continuance of the electricity supply to the consumer from the Licensee's system after payment of consumption charges by the consumer;

2.91. "SANCTIONED LOAD" means the load in kW or HP in respect of LT connections, agreed to be supplied by the Licensee as indicated in the application form submitted by the Applicant/Consumer;

2.92. "SCHEDULE OF RATES (S.R.)" means the schedule of rates prepared and published by the Distribution Licensee periodically;

2.93. "SECURITY DEPOSIT" means Monthly Minimum Deposit (MMD)/ Meter Security Deposit (MSD). MMD includes 2 (two) months Minimum Deposit;

2.94. "SERVICE-LINE" means any electric supply line through which electricity is, or is intended to be supplied:

1. to a single Consumer either from a distributing main or immediately from the Distribution Licensee's premises; or

2. From a distributing main to a group of Consumers on the same premises or on contiguous premises supplied from the same point of the distributing main.
3. HT/EHT line and LT line drawn exclusively for a Consumer.

2.95. **"SERVICE MAIN"** means the part of service line from the terminal pole up to the point of commencement of supply whether overhead or underground;

2.96. **"SMART METER"** means an AC static Watt-hour meter with time of use registers, internal connect and disconnect switches with two-way communication capability. It is designed to measure the flow of forward (import) or both forward (import) and reverse (export), store and communicate the same along with other parameters defined in relevant standards. It shall be remotely accessed for collecting data / events and programming for select parameters to be provided by the distribution utility for supplying electricity to an installation / premises;

2.97. **"SUPERVISOR"** means a person having a valid Supervisor permit issued / recognized by the Government of Karnataka and includes authorized employees of the Central Government in case of works in the Central Government installations;

2.98. **"SUPPLIER"** means a Distribution Licensee including Deemed Distribution Licensee who supplies electricity to a consumer;

2.99. **"SUPPLY"** means the sale of electricity to a Licensee or Consumer in accordance with the terms and provisions of these Regulations;

2.100. **"TARIFF"** means a schedule of standard prices or charges for specified services, which are applicable to all such specified services provided to the type of Consumers specified in the Tariff Order issued by the Commission;

2.101. **"TEMPORARY CONNECTION"** means an electricity connection required by a person or an entity for meeting the temporary needs of power supply, including but not limited to-

1. for construction including pumps for dewatering;
2. for illumination during festivals and family functions;
3. for threshers or other such machinery excluding agriculture pump sets;

4. for touring cinemas, theatres, circuses, fairs, exhibitions, Melas or congregations.

2.102. "THEFT" shall mean theft of electricity as defined in Section 135 of the Act;

2.103. "TOWN PANCHAYAT" means, a Town Panchayat defined under Section (2) (28 A) and established under the Karnataka Municipalities Act, 1964;

2.104. "TOWN MUNICIPAL COUNCIL" means a town municipal council defined under section (2) (28) and established under the Karnataka Municipalities Act, 1964;

2.105. "TRANSMISSION SYSTEM" means the system consisting mainly of Extra high tension electric lines having design voltage of 66 kV and higher and shall include all plant and equipment in connection with Transmission owned or controlled by the transmission Licensee;

2.106. "TRANSMISSION LICENSEE" means a person who has been granted a licence under Section 14 of the Act authorising him to establish or operate transmission lines;

2.107. "UNAUTHORIZED USE OF ELECTRICITY" means the usage of electricity –

1. by any artificial means; or
2. by a means not authorized by the concerned person or authority or Licensee; or
3. through a tampered meter; or
4. for the purpose other than for which the usage of electricity was authorized.
5. for the premises or areas other than those for which the supply of electricity was authorised.

2.108. "VOLT" means a unit of electro-motive force and is the electric pressure, which, when steadily applied to a conductor, the resistance of which is one ohm, shall produce a current of one ampere;

2.109. "VOLTAGE" means the difference of electric potential measured in volts between any two conductors or between any part of either conductor and the earth as measured by a suitable voltmeter;

2.110. **"WORK ORDER"** means an officially sanctioned operational document that authorizes a applicant to extend the low, medium and high voltage distribution main, lay the service cable, mount the energy meter, and activate the power supply for a specific consumer premises;

2.111. For the purpose of these Regulations Conversion factors shall be as below:

a. 1 Horse Power (HP) = 1 Kilo Watt (kW) x 0.746
b. 1 kW = 1 Kilo Volts Amps (kVA) x 0.85 (for LT)
c. 1 kW =1 Kilo Volts Amps (kVA) x 0.9 (for HT)

2.112. The words and expressions used and not defined above but defined in the Act / KER Act shall have the meanings as assigned to them in the relevant Acts. In case of inconsistency in the words and expressions used between the Act and KER Act, 1999, the provisions in the Act shall always prevail.

Chapter III

System of Supply and Classification of Consumers

3.0. The Licensee shall provide electricity supply to applicants/consumers in accordance with the system of supply specified in **Table 1** below, having regard to the nature of load, contracted demand, and technical feasibility.

Table 1: Classification of Supply

Sl. No.	System of Supply	Classification	Category and Conditions
1	Single Phase at 230 Volts	Low Tension (LT)	(i) All the installations (excluding motive power) shall be permitted up to and inclusive of 5 kW of contracted or sanctioned load. (ii) Motive power installations shall be permitted up to and inclusive of 4 kW of sanctioned load. (iii) Public lighting systems shall be permitted up to and inclusive of 10 kW of sanctioned load. Provided that, where a consumer requires a three-phase connection for a load within the above limits, the Licensee may permit such connection.

2	Three Phase at 400 Volts	Low Tension (LT)	All installations up to and inclusive of 150 kW / 176 kVA /201 HP of contracted or sanctioned load, including lighting load, shall be supplied under this category. Provided that, in respect of temporary installations, supply at 400 Volts, three-phase shall be arranged for loads of below 50 kW / 59 kVA / 67 HP.
3	Three Phase at 11 kV	High Tension (HT)	(i) All installations with a contracted demand (CD) exceeding 150 kW / 176 kVA/201HP and up to and inclusive of 2,000 kVA shall be supplied at this voltage level. (ii) Temporary installations with a contracted demand from 50 kW / 59 kVA / 67 HP and up to and inclusive of 2,000 kVA shall be supplied at this voltage level. Provided that, the Applicant may opt to avail supply at High Tension voltage even if the requisitioned load is less than 150 kW, subject to a minimum contracted demand of 25 kVA.
4	Three Phase at 33 kV	High Tension (HT)	All installations with a contracted demand exceeding 2,000 kVA and up to and inclusive of 7,500 kVA shall be supplied at 33 kV.
5	Three Phase at 66 kV	Extra High Tension (EHT)	All installations with a contracted demand exceeding 2,000 kVA and up to and inclusive of 20,000 kVA shall be supplied at 66 kV.
6	Three Phase at 110 kV	Extra High Tension (EHT)	All installations with a contracted demand exceeding 7,500 kVA and up to and inclusive of 35,000 kVA shall be supplied at 110 kV.
7	Three Phase at 220 kV	Extra High Tension (EHT)	All installations with a contracted demand exceeding 20,000 kVA shall be supplied at 220 kV.
8	Special Provision	—	Railways may be provided supply on two phases for traction purposes, subject to such terms and conditions as may be specified by the Licensee.

3.1. Technical Feasibility Conditions:

For availing HT/EHT supply at voltage levels of 33 kV, 66 kV and 110 kV, the Distribution Licensees at their discretion may permit to avail supply by the applicant/consumer beyond the above Contracted Demand, subject to technical feasibility, including the following:

1. Maintenance of voltage regulation and bus voltages within prescribed limits;

2. Availability of adequate Transformer capacity at the concerned substation; and
3. Ensuring that line loading remains within the stipulated thermal ratings.

3.2. Augmentation Charges:

The augmentation charges shall be levied on the contracted demand or part thereof as specified in the Schedule.

Provided that, the augmentation charges collected in respect of supply at 66 kV and above voltage levels by the Distribution Licensee shall be transferred to the concerned Transmission Licensee.

Provided further that, a consumer may opt to avail supply at any of the voltage levels even for a lower load, subject to technical feasibility and compliance with applicable conditions.

3.3. Classification and Reclassification of Consumers for Tariff Purposes:

The classification and reclassification of consumers for the purpose of tariff categories shall be governed by the Tariff Orders issued by the Commission from time to time. No category other than those expressly approved by the Commission shall be created or applied by the Licensee.

Provided that, where a consumer has been erroneously classified under an incorrect tariff category, the Licensee shall, upon issuing a notice of 15 (fifteen) days reclassify such consumer into the appropriate category in accordance with the revised classification and applicable conditions in the original agreement shall be read accordingly.

Provided further that, in the event of failure by the consumer to comply within the stipulated period, the Licensee may proceed to disconnect the supply after issuing an additional notice of 15 (fifteen) days and after duly considering any explanation submitted by the consumer, the supply shall be restored promptly upon compliance of the conditions specified in these Regulations.

Chapter IV

General Procedure for Arranging Power Supply

4.0. Duty of Distribution Licensee:

1. The Distribution Licensee shall, upon receipt of a valid application from the owner or lawful occupier of any premises, provide a supply of electricity in accordance with the procedure specified under these Regulations and within the timelines set out under Regulation 4.6.

2. Applications for supply of electricity in respect of all categorises shall be registered with the Distribution Licensees in Online mode through Web portal or Mobile app maintained by the Distribution Licensee. The tracking of application shall be facilitated by the Distribution Licensee to the Applicant/Consumer via Short Message Service (SMS) Or any other mode of communication to monitor the status of processing of the application like receipt of application, site inspection, issuance of power sanction intimation, external connection, meter installation and service.

4.1. Application for Supply or Additional Supply of Electricity:

1. Any person seeking a new electricity connection, change in load to the existing connections or change of voltage level shall submit an application to the Distribution Licensee in online mode in the prescribed form, along with the application fee as per Schedule.

   Provided that, the Applicant/Consumer shall apply for power supply only if the construction of new buildings/existing buildings with additional built up area is completed.

2. On submission of the online application, an acknowledgment with the registration number shall be generated automatically by the Licensee.

3. The application shall be accompanied by self-attested copies of the following documents, as applicable:

a) If the applicant is the owner, the applicant shall produce Aadhaar number with Aadhaar e-KYC authentication and any of the following documents in proof of the ownership of the premises.

(i) Registered sale deed
(ii) Registered partition deed
(iii) Registered gift deed
(iv) Letters of administration, probate or heirship certificate issued by the Competent Authority or Registered deed of last will.
(v) Khata/E-khata Certificate wherever applicable.

b) If the tenant being the applicant shall produce Aadhaar number with Aadhaar e-KYC authentication, proof of occupancy such as Lease or rent deed, deed of Licence with the consent of owner. In the absence of consent of the owner, an Indemnity Bond as per Annex-1.

c) Partnership deed in case of partnership firms OR Memorandum and Articles of Association with Certificate of Incorporation in case of companies/Limited Liability Partnerships (LLPs).

4. Sanctioned plan and Occupancy/Completion Certificate issued by the concerned Departments as prescribed by the Government from time to time.

   Provided that, in the case of request for additional Load to the existing installations without any additional built up area the above documents shall not be required.

5. The application shall contain the full postal address and contact details of the applicant/consumer.

4.2. Timeline for the Licensee for providing Power supply:

Where supply of electricity does not require any extension of distribution mains, or commissioning of new substations, every distribution licensee on receipt of an application, shall give supply of electricity:

1. In Metro cities in 3 (three) working days;
2. In Other Municipal areas in 7 (Seven) working days;
3. In Rural areas in 15 (Fifteen) working days.

Provided that, where extension of Service Lines is required, supply shall be provided within ninety 90 (ninety) days and where construction of substation is required, supply shall be provided within 24 (twenty four) months.

4.3. Multiple Connections in Premises:

1. Multiple connections in a premises under LT supply as per the requirement of the Applicant/ Consumer shall be sanctioned by the Licensee, subject to the orders issued by the Commission from time to time.

2. The power supply to building(s) in a premises either 11 kV or LT or combination of 11 kV & LT through separate distinct service mains can be arranged from a single source with the provision of a common isolation point, up to and inclusive of 7500 kVA of sanctioned load. The service main cables shall have distinct identity and separation. Metering arrangements shall be provided at the ground floor only. In such cases Licensee shall obtain an undertaking from the Consumer(s) for ensuring safety arising out of providing supply to that premises through different services.

3. The consumers connected at 33 kV and above voltage levels may be allowed to avail multiple connections at different voltages within a premises with separate RR numbers. In such cases, internal circuit of each installation shall have separate circuits with distinct connected loads and safety aspects shall be adhered to, as per the extant CEA Safety Regulations/Standards for availing multiple connections at different voltages.

4.4. Estimate and Power Sanction:

1. Upon fixation of point of entry of supply mains, metering point, and load limiter, the Licensee shall communicate Power Sanction to the Applicant indicating the following:
   a) Any expenditure for service line/plant as per Schedule;
   b) Initial security deposit and meter security deposit;
   c) Other applicable charges;
   d) Intimation of mandatory installation of solar water heating systems as per Government Notification issued from time to time.

2. The applications shall be deemed to be cancelled if the Applicant fails to comply with requirements specified above within:
   a) 90 (ninety) days from the date of issue of power sanction, for Streetlight/Water Supply/Irrigation pump set installations under Government schemes and Government Buildings;
   b) 30 (thirty)days from the date of issue of power sanction for all other categories.

   Provided that one-time further extension up to equal period as above may be granted if the request is made before the expiry of the above period, on payment of the re-registration cum processing fee. If the Applicant fails to fulfil the above requirements within such extended period, the application shall be deemed to be cancelled and the application registration cum processing charges shall stand forfeited.

3. Before commencement of service line works, the applicant shall:
   a) Furnish property owner's consent where the service line passes through the property of other person(s); subsequent withdrawal of such consent may lead to disconnection of power supply;
   b) In case of request for additional load, the total load of the installation shall be considered including the existing load.
   c) Pay estimated charges, deposits, and other charges if applicable;
   d) Submit Licensed Electrical Contractor's Completion-cum-Test Report and wiring diagram in duplicate wherever applicable;
   e) Execute Indemnity Bond as per Annex-1, as applicable.

4. After compliance with the above requirements, the Licensee shall issue the Work Order.

5. Applicants not desirous of availing supply of electricity may seek refund of the Security Deposit paid. The licensee after deduction of 10 % (ten percent) of the Security Deposit shall refund the balance amount within 60 (Sixty) days from the date of request for refund.

If the amount is not refunded within such period by the Licensee, interest at 1% (one percent) per month shall be paid for actual number of days of delays.

Provided that, the supervision charges, and infrastructure/service line charges collected from the applicant shall not be refunded.

4.5. Service Line and Service Main:

1. The applicant shall execute the work of service mains as per the work order issued by the Licensee, from the terminal pole/distribution feeder pillar up to the metering panel, through a Licenced Electrical Contractor (LEC).

2. Permission to lay service Line whether over/under/across or for fixing apparatus upon the applicant's premises is deemed to be granted to the Licensee and the work of the Licensee shall conform to relevant Indian standards.

3. The service line, notwithstanding that the cost has been paid for by the Consumer, shall be the property of the Licensee for the purpose of maintenance. The Licensee shall have a right to use it to supply energy to any other person.

   Provided that, such use shall not be detrimental to the supply to the Consumer(s) already connected to the service line in question.

4. Applicant/Consumer shall stand guarantee for materials and workmanship for a period of one year, and if any defects occur in such period, the same shall be rectified at the consumer's cost.

5. Applicants of LT commercial/industrial installations shall provide meter covers or weatherproof CT-metering enclosures approved by Licensee to facilitate affixing of seals.

6. HT/EHT applicants shall provide weatherproof meter housing at their cost.

7. Meters shall be installed at accessible locations at the ground floor/entrance of the premises, protected from the weather.

8. The applicant may opt to execute the Service line works under self execution by paying supervision charges as per Schedule. After completion of the work, the asset shall be handed over to the Distribution Licensee for the purpose of maintenance duly undertaking to stand guarantee for the materials and quality of the works executed for a period of one year. In such cases, the Charges towards Development of infrastructure of electric line/plant shall not be applicable.

9. Alteration of existing service mains at the consumer's request shall be executed by the Licensee after collecting the charges towards additional materials and labour and supervision charges as per Schedule on the cost of estimate OR may permit the consumer to take up the work under self-execution on payment of supervision charges as per Schedule.

10. Where any dispute arises as to the fixing of the position of the meter board and laying of Service mains from the point of connection, the matter shall be referred to the Chief Electrical Inspector, Government of Karnataka or the officer authorized by the Chief Electrical Inspector for a decision and his decision in this regard is final.

11. The service main shall be laid by underground cables in the areas covered under "Greater Bengaluru Authority (GBA)", "Bengaluru Urban, Bengaluru South & Bengaluru Rural Districts", "Bengaluru Development Authority (BDA)", "Municipal Corporations" and "City Municipal Councils (CMCs)" notified by the Government from time to time.

4.6. Inspection and Testing:

1. Applicant's electrical wiring shall conform to Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulations, 2023 and its Amendments from time to time, and the work shall be carried out by a Licensed Electrical Contractor. New wiring/alteration of the existing wiring shall be undertaken by the applicant through LEC only.

2. After completion of the work, the Applicant shall submit to the Licensee Completion-cum-Test Report of the installation, wherever applicable.

3. On receipt of Completion-cum-Test Report, the Licensee shall schedule an inspection, and the presence of the contractor's supervisor is mandatory, wherever applicable.

4. **Testing of Consumer's Installations:** Upon receipt of an Application for a new or additional supply of electricity before commencement of supply or recommencement of supply after the supply has been disconnected for a period of 6 (six) months, the Licensee shall be either test the installation himself or accept the test results submitted by the consumer when the same has been duly signed by the Licenced Electrical Contractor.

   Provided that, in respect of LT installations up to and inclusive of 150 kW having voltage less than 650 volts shall be inspected, tested and self-certified by the owner of the installation, before commencement of supply or recommencement after shutdown for 6 (Six) months and above for ensuring observance of safety measures as per CEA (Measures relating to Safety and Electricity) Regulations, 2023, notified by the Government of Karnataka from time to time.

   Provided that, in case of voltage level equal to or below the notified voltage, Chartered Electrical Safety Engineer can also test the installation on request of owner or applicant.

5. No supply shall be released unless the installation passes inspection wherever applicable.

6. First inspection is free, subsequent inspections due to faults disclosed at the initial test OR due to the failure of the Applicant/ representative/ Supervisor of the L.E.C. to attend the test OR due to the installation not being completed, shall be chargeable as per Schedule.

4.7. Approval of Consumer's Installations:

1. Wherever applicable, wiring or apparatus shall not be connected to the Licensee's system without approval after inspection.
2. HT/EHT installations require approval by the Chief Electrical Inspector before energisation.
3. Licensee shall notify defects in writing, if any and supply shall commence only after rectification of such defects.
4. Licensee shall ensure necessary arrangements in coordination with the respective Transmission Licensees for arranging EHT supply within the timelines specified in these Regulations.

4.8. Commencement of Supply:

1. After compliance of the above conditions, the Licensee shall release the supply.

2. If the Applicant fails to avail power supply within the time specified under clause 4.2, the installation shall be deemed to have been serviced on the date of completion of the period specified in the said clause and the Consumer shall be liable to pay Demand charges/ Fixed charges as per the Tariff in force for a maximum period of 2 (two) years or till availing of supply by applicant whichever is earlier.
3. After servicing the installation, meter, load limiters, and cubicles shall be sealed. Revenue Register (R.R) number shall be allotted and a service certificate issued to the consumer containing details of the consumer, RR number, sanctioned load, meter details with seals, deposits held, Date of Service, etc.

4. Consumer or his representative shall sign the sealing register and the Licensee shall obtain his acknowledgement on test report.

4.9. General Conditions:

1. Unauthorized occupants of the premises shall not be given power supply connection for any purpose.

2. On a request for reactivation of the electrical installation where power supply permanently disconnected, the same shall be permitted, provided that the

building has not been demolished/ structurally altered or modified in any manner and provided further that such person agrees to pay applicable security deposit and settle all outstanding dues including fixed charges for the entire period till the date of reactivation.

3. Outstanding arrears in one installation may be recovered from another installation of the same consumer, except residential installations, subject to issuance of due notice.

4. Providing electricity supply including temporary supply does not imply compliance with other provisions of Law. The applicant/consumer is solely responsible for compliance of all statutory requirements under any other laws for the time being in force and for any non-compliance by the applicant or consumer, the Licensee shall not be liable for any action whatsoever in this regard.

5. Suitable capacity load limiters/ELCBs shall be provided by the applicant or consumer in the installation as per extant CEA Safety Regulations/relevant Standards.

6. Consumers inducing excessive harmonics beyond the limits specified in the KERC Distribution Code/relevant Regulations shall install suppressors for harmonics, in the absence the installation shall be liable for disconnection.

7. In the case of demolition and reconstruction of Building, the existing installation(s) shall be surrendered, Meter and service mains shall be removed. Fresh service shall be arranged for the reconstructed building treating it as a new building, complying with due procedure. The temporary power supply from the existing R.R. No. shall not be arranged for construction purposes in such cases.

   Provided that this Clause shall not be applicable in case of addition / alteration to the existing building.

8. The Applicant/Consumer shall pay the applicable charges as per Schedule. The Schedule of charges are applicable as per the Notification issued by the Commission from time to time.

4.10. Prohibition of resale of Energy:

Consumers shall not resell electricity unless specifically authorized by sanction or permitted under the applicable Tariff and as per these Regulations.

4.11. Power supply to Cellular Telecommunications Services:

1. Telecom and cellular installations within the Buildings may avail independent supply on payment of charges towards cost of service line, as per Schedule.

2. In buildings under HT/EHT supply, telecom installations shall be connected through a sub-meter and billed by the Licensee under the applicable HT tariff.

3. In buildings under LT supply, such installations shall be connected through the meter(s) tapped from the common LT bus bar and billed by the Licensee under the applicable LT commercial tariff.

4. If the power supply is requested to the telecommunication installations in the open yards/sites/ground other than the buildings, the Applicant shall take up the work of development of infrastructure up to the point of connection under self-execution.
   In such cases, charges towards the Development of infrastructure of electric line/plant and /or service line shall not be applicable.

4.12. Self-Execution of Works:

1. Notwithstanding anything contained elsewhere in these Regulations, wherever self-execution of works of Service line/plant is permitted, the Applicant/Consumer may undertake such works through an appropriate class of Licenced Electrical Contractor in accordance with the estimates, specifications, drawings and standards approved by the Licensee.
2. The Applicant shall pay supervision charges at 5% (five percent) of the estimated cost, subject to a maximum of ₹15 (Fifteen) lakh, to the Licensee.
3. Upon completion of the works, the Applicant shall hand over the assets to the Licensee free of cost for the purpose of maintenance and shall guarantee the

quality of materials, workmanship and satisfactory performance of the works for a period of one year from the date of handing over.

4. Where works are executed under self-execution, the Charges towards Development of infrastructure of electric line/plant shall not be levied unless specifically provided otherwise under these Regulations.

Chapter V
Applicable Procedure for Arranging Power Supply

General procedure for arranging power supply under Chapter IV shall be complied with and Charges towards Development of infrastructure of electric line/plant and the cost of service line up to point of connection as per Schedule, wherever applicable, shall be paid by the applicant.

5.0. Arranging power supply to LT Installations:
The applications shall be filed online for availing power supply up to and inclusive of 150kW. The LT supply is applicable to the Lighting installations of Domestic Non-Domestic /Non-Commercial Categories, and Combined lighting and heating installations of Domestic, Non-Domestic /Non-Commercial Categories, Commercial Lighting Installations.

6.0. Applicable to Irrigation Pump Sets:
The power supply to irrigation pump sets shall be arranged as per the policy of Government of Karnataka from time to time.

6.1. Applications for irrigation pump sets shall be submitted to the Licensee with proof of water right certificate or Khata certificate or Record of rights (Geni and Pahani Patrike) and proof of permanent address. Where water is drawn from rivers, channels or Nallahs, a valid No Objection Certificate from the concerned Departments shall also be furnished. In such cases, the electric supply shall be limited to the permitted period and disconnected if such approval is withdrawn, with recovery of applicable charges.

6.2. The supply shall not be provided to wells within 250 metres of drinking water bore wells of a local authority.

6.3. IP Sets shall be provided with capacitors of rating as given below.

1. 5 H.P. and below --- 1.0 RkVA
2. 7.5 H.P. --- 2.0 RkVA
3. 10 H.P --- 3.0 RkVA
4. 15 H.P. --- 5.0 RkVA

For IP Sets above 15HP, the rating of capacitor shall be equivalent to kW rating of I.P. Set x 0.4 RkVA rounded off to the nearest integer.

The execution of works shall follow the priority policy notified by the Licensee, and self-execution applications shall be given first priority over other IP set Applicants. The updated priority list shall be published monthly in Sub-Divisions and O&M offices.

7.0. Applicable to LT Industrial and LT Commercial Installations:

(Other than those covered under Clauses 5, 6,8, 9, 10 & 11)

7.1. Demand Based Tariff:

The Applicant may opt for availing Demand Based Tariff as per the orders issued by the Commission from time to time. In such cases, fixed charges shall be levied based on either the sanctioned load or the Maximum Demand recorded in the meter, whichever is higher, for the billing period irrespective of the connected load.

Provided that, if the recorded Maximum Demand exceeds the sanctioned load in any billing period, the charges shall be applicable as specified under clause 26 of these Regulations.

7.2. Time of Day (T.O.D.) Tariff:

The Time of Day (T.O.D.) Tariff shall be extended, as per the orders of the Commission issued from time to time.

7.3. Sharing of Power Supply with Tenant:

An LT industrial Consumer who intends to let out a portion of his premises may permit the tenant to use electricity through sub-meter(s) approved by the Licensee at the same tariff as applicable to the said consumer. The Consumer may recover electricity charges from the tenant strictly on a no-profit no-loss basis, by sharing the actual electricity bill. Such an arrangement shall not be treated as unauthorized extension of supply or resale of electricity.

Provided that, for billing purposes, the consumption recorded in the main meter shall be reckoned in accordance with Tariff Order in force.

Provided further that, if the portion of the premises is let out for any purpose other than industrial purpose, the tenant shall be permitted to use power within the premises through LT sub-meter(s). The consumption so recoded in the sub-meter(s) shall be deducted from the consumption recorded in the main meter and the consumption recorded in the sub-meter(s) shall be billed as per the energy charges applicable to relevant tariff categories in force.

In such cases, no fixed charges shall be levied on the load connected through the sub-meter(s). Such an arrangement shall not be treated as unauthorized extension of supply or resale of electricity.

8.0. HT and EHT Installations:

8.1. Scope:

This Regulation shall be applicable to all Applicants seeking supply at High Tension (HT – 11 kV & 33 kV) and Extra High Tension (EHT – 66 kV and above), including domestic, industrial, commercial, institutional, EV charging stations and mixed-load consumers.

8.2. Application for Supply:

1. Applications for HT/EHT supply shall be submitted to the Licensee in the online mode in the notified format by the Licensee.
2. The application shall include:
   a) Required documents as per Chapter IV.
   b) Requisitioned load and voltage level.
   c) Any statutory clearances, where applicable.

3. The Licensee shall process applications as per these Regulations and recover expenditure as applicable.

8.3. Space Requirement for Substation:

1. Applicants/Consumers shall provide suitable land/space at their premises for establishing HT/EHT substations, switchgear, and metering equipment.

   In case of buildings/cluster of buildings/building blocks situated within a premises requiring power supply and the total requisitioned load in such cases is more than 7500 kVA, the Developer/Applicant shall provide the space for erection of sub-station and also bear the entire charges of such a substation and associated lines/equipment.

2. The Applicant shall bear the full cost of laying a new HT/ EHT Line/UG cable from the Transmission or Distribution Licensee's substation or extend the existing HT/EHT Line/UG cable from the nearest source point as per the estimate prepared by the Licensee. The Distribution Licensee in case of HT supply and Distribution Licensee in coordination with Transmission Licensee in case of EHT supply shall prepare an estimate as per the Schedule of Rates (SR) in force, for arranging such power supply corresponding to the Applicant's actual requirement.

   Provided that, the estimate shall not include the improvement/augmentation works in the substation or works of strengthening of the HT/EHT Line/UG cable.

   Provided further that, the estimate includes the Transformer in the Transmission or Distribution Licensee's substation, allied equipment and HT/ EHT line/UG cable drawn exclusively for the Applicant.

8.4. Execution of Works:

1. Applicants/Consumers shall take up the service line work under self-execution, subject to:
   a) Use of designs, drawings and materials approved by the Licensee as per the estimate prepared.

b) Payment of supervision charges as per Schedule.

2. Alternately, if the Applicant opts for executing the works of service line and substation by the Licensee, under Deposit Contribution, the Licensee duly collecting the estimated amount and tender premium from the Applicant, may execute the work of electric Line/plant for arranging power supply.

8.5. Metering and Protection:

1. All HT and EHT consumers shall be provided with Electronic Trivector Meter/smart meters of approved specification conforming to the extant CEA Metering Regulations.
2. Meters shall be installed at the consumer's substation premises in a location accessible to the Licensee.
3. Consumers shall provide and maintain necessary protection systems (relays, breakers, earthing, etc.) as per the relevant standards.

8.6. Time frame for Supply:

The Licensee shall provide supply within the timelines specified under these Regulations/ KERC (Rights of Consumers Relating to Supply of Electricity, Standards of Performance (SoP) and allied matters) Regulations, 2022 and its Amendments from time to time.

8.7. Time-of-Day (ToD) tariff:

Time-of-Day (ToD) tariff shall be applicable to all HT and EHT categories as per the Orders of the Commission issued from time to time.

8.8. Sub-Metering:

1. The HT/EHT Industrial consumer desirous of letting out a part of his premises for industrial purpose shall be permitted to allow his tenant(s) to use the power at the same tariff as applicable to the said consumer and to collect the charges for the power from such tenant on no profit no loss basis (i.e. sharing electricity bill) through sub-meter(s) as approved by the Licensee. Such an arrangement shall not be treated as unauthorized extension of supply or resale of electricity.

2. The HT / EHT Consumers desirous of using a part of the premises for residential or commercial or Electric Vehicle (EV) charging purposes as the case may be, shall be permitted to use power within their premises through LT sub-meter(s). The consumption so recoded in the sub-meter(s) shall be deducted from the consumption recorded in the main meter and the consumption recorded in the sub-meter(s) shall be billed as per the energy charges applicable to LT residential or commercial or Electric Vehicle (EV) tariff in force. In such cases, no fixed charges shall be levied on the LT residential or commercial or Electric Vehicle charging load.

8.9. Inspection, Handover/Takeover of Assets:

1. After completion of the works, the Applicant shall hand over to the Distribution Licensee, electric line/plant, free of cost, for the purpose of maintenance. The Applicant shall stand guarantee for the electric line/plant and works carried out under self-execution for a period of one year for the satisfactory performance from the date of handing over to the Licensee.
2. The servicing of the installation of the Applicant shall be carried out on production of the copy of the approval of his installation by the Electrical Inspectorate and also "Test and Commissioning Certificates" of the equipment installed as required by the Licensee.

9.0. Applicable to Commercial / Residential Building(S)/ Complex(ES) /M.S. Buildings (S):

9.1. Scope and Applicability:

1. These provisions shall apply to New Commercial / Residential Building (S)/ Complex (es) and Multi-Storeyed (MS) Buildings, and mixed-load Buildings, where:
   a) the requisitioned load is 35 kW or above; OR
   b) the total built-up area exceeds 800 square metres;

   Provided that, for calculating the built up area in a premises, car parking area, staircase area and balcony area shall be taken only to the extent of 50%.

Provided further that, water tank area, chajja projection area and Lift area shall be excluded while calculating the built up area.

Provided also that in the case of two or more buildings/blocks in the same premises owned by the same person, they shall be clubbed together to calculate the total built up area.

Provided also that in the case of buildings having separate khatas or site/land ownership in different names, such buildings shall not be clubbed together to calculate the built-up area even though they share a common wall or common roof or common stair case. They shall be treated separately for arranging power supply.

2. In respect of existing buildings, the above provisions shall also apply where:
   a) the additional load together with the existing sanctioned load reaches or exceeds 35 kW; OR
   b) the additional built-up area together with the existing built-up area exceeds 800 square metres.

3. In the case of buildings where the requisitioned load is 25 kW or more but less than 35 kW, or built up area of the building exceeds 500 sq. meter but is less than 800 sq. meters, the applicant shall provide the required space at free of cost in his premises for laying of distribution line and erection of Distribution Transformer and associated equipment at the cost of the Licensee. In such cases, the applicable Charges towards Development of infrastructure of electric line/plant and/or the cost of service line up to point of connections are applicable for these Applicant/Consumers as per Schedule.

   Provided that, if the Applicant/Consumer is unable to provide the open space for erection of Distribution Transformer and its allied equipment by the Licensee, the Applicant/Consumer shall provide indoor space of 5 meters x 4 meters with vertical clearance of 2.75 meters at ground level and install Dry type Transformer under self-execution as per the extant CEA Safety Regulations. The room shall be of RCC construction with fire-resistant walls with locking facility.

4. In the case of buildings availing power supply with requisitioned load of less than 25 kW or with built up area of less than 500 square meters, subsequently when the additional requisitioned load including the existing sanctioned load exceeds 25 kW or more but less than 35 kW or the additional built up area including the existing built up area exceeds 500 square meters but is less than 800 square meters, the conditions specified in the above clause shall also be applicable.

5. In the above cases (3) & (4), where the Licensee is installing the Distribution Transformer and allied equipment at his cost, in such cases the Licensee is at liberty to utilize any balance capacity in the Distribution Transformer installed by him for the use of other consumers.

   Provided that, if the Distribution Transformer is erected by the Applicant under self-execution, then in such cases, the transformer is dedicated to that Applicant.

9.2. Applicable to EV Charging in the Metropolitan Areas, Urban Development Authority Areas, and City Corporation areas:

Where, the requisitioned load is 250 kW or more; OR the built-up area of the building is more than 5,000 square metres, the owner, promoter, or occupier shall provide a minimum of 4 (four) numbers of electric vehicle charging stations with adequate parking for charging 4 (four) wheelers at a time.

9.3. Space and Infrastructure Requirements:

The owner, promoter, or occupier shall provide, at free of cost and without claim for compensation, adequate space within the premises for installation of:

a) Distribution Transformers;
b) switchgear and panels;
c) bus ducts and rising mains; and
d) associated electrical infrastructure.

Provided that such space shall form part of the sanctioned building plan and shall remain free from encroachment or alternate usage.

9.4. Distribution Transformer and Allied Materials / Metering and Safety Clearances:

1. Space for Distribution Transformer and Switchgear Rooms:

a) Transformer and switchgear shall preferably be located:

(i) at the ground floor near the entrance;

(ii) Such space shall be used exclusively for electrical installations and no water, drainage, gas, or other service pipelines shall pass through them.

b) Where indoor installation is permitted, a minimum clear space of 5 meters × 4 meters × 2.75 meters shall be provided at ground level for installation of Dry type Transformer and allied equipment as per the extant CEA Safety Regulations. The room shall be of RCC construction with fire-resistant walls.

c) Where outdoor installation of Distribution Transformer and allied equipment is permitted, an open space of not less than 3 meters × 5 meters with proper fencing, safety earthing, level platform, and lockable gate shall be provided.

Provided that, in the above cases (a), (b) and (c) where multiple Distribution Transformers are required to be installed based on the sanctioned load, adequate additional space shall be provided for the Distribution Transformers and allied equipment.

2. Metering Panel Room:

a) A separate metering panel room shall be provided at ground level with unrestricted access to the Licensee.

b) The meter room shall be:

(i) dust-proof and water-proof;

(ii) adequately ventilated and illuminated;

(iii) provided with lockable meter enclosures; and

(iv) kept free from inflammable materials and other utilities.

c) Rising mains and bus ducts from the Distribution Transformer shall terminate at the metering panel room bus bar.

d) Rising mains, bus ducts, and vertical feeders shall:

(i) be installed in dedicated fire-protected shafts;
(ii) conform to applicable IS/IEC standards;
(iii) be accessible for operation and maintenance.

3. Safety Clearances:

a) Adequate working clearance shall be maintained around Distribution Transformers and switchgear.
b) Cable entry points shall be properly sealed against water ingress, rodents, and fire hazards.
c) Adequate earthing arrangements confirming to relevant Standards shall be provided for Distribution Transformers, switchgear, riser system and lightning protection system.

4. Laying of service main cables and metering arrangement:

To have reliability in supply 2 (two) runs of service main cables of adequate size shall be laid by the Applicant from the Distribution Transformer installed in the premises up to the metering panel board. The arrangement shall be as follows:

a) Supply to the building shall be through the common service main cable terminating in a common bus bar.
b) Change over switch at the end of the supply cables
c) Bulk check Meter shall be provided by the Licensee at his cost for the purpose of energy audit.
d) All the meters/equipment shall be suitable for sealing to prevent theft / misuse.
e) Supply to individual Consumers shall be tapped from the common bus bar through individual Meters.

5. Exemption from providing space for Erection of Distribution Transformer and Allied Equipment:

The following categories shall be exempted from the requirement of providing space for erection of Distribution Transformer and allied equipment, provided the requisitioned load is below 25 kW, irrespective of the built-up area:

a) Government-owned Buildings and Government offices; Youth Centres and Vocational centres;

b) Auditoriums, Kalamandiras, Samudaya Bhavanas, Kalyanamantapas, art galleries, godowns, Theatres of Film Societies;

c) Temples, Mosques, Churches, Gurudwaras, and other places of worship;

d) Charitable/religious institutions registered under Section 12A of the Income Tax Act and its Amendments/New enactments issued from time to time;

e) Hospitals run by Charitable Institutions;

f) Government hospitals, Government guest houses, student hostels, and multi-storeyed Buildings of slum dwellers;

g) LT industries;

h) Educational Institutions;

i) Single dwelling house;

Provided that the above applicants shall pay the applicable charges up to point of connection towards the Development of infrastructure of electric line/plant and / or service line charges as specified under these Regulations as per Schedule.

Notwithstanding the exemptions, where the requisitioned load is 25 kW or above, the provisions relating to providing space for Distribution Transformer in the premises and installation of Distribution Transformer and allied infrastructure under self-execution by the Applicant/Consumer shall apply.

6. **Special Provision for Buildings installing Solar plants:**

a) Buildings having built-up area exceeding 500 square metres shall be exempted from providing space for Transformer where:

(i) Behind the meter rooftop solar plant is installed; and

(ii) the requisitioned load does not exceed 10 kW.

Provided that the applicant shall make payment of applicable charges towards Development of infrastructure of electric line/plant up to point of connection and /or the cost of service line, as per Schedule.

9.5. Transformer Capacity and Diversity Factor:

1. Transformer capacity shall be determined based on the total requisitioned load by applying the following diversity factor:

a) Residential loads: Diversity Factor is 1.5
b) Commercial /Industrial loads: Diversity Factor is 1.0

Provided that in mixed-load buildings, applicable diversity factors shall be applied separately to each category of load and the total load shall be added together for arriving at the required Transformer capacity. The Licensee shall adopt the nearest higher standard Transformer capacity as per the relevant Indian Standards.

9.6. Execution of Works:

1. The Applicant/Developer under self-execution shall execute the service line works including Laying of HT line/UG cable from the substation by providing a switch gear / extension of HT overhead lines / UG cable from the nearest source point up to the premises and installation of Distribution Transformer, laying of LT Under Ground cable, and allied equipment within the premises as per the estimate prepared by the Licensee, using approved materials conforming to relevant standards.

2. **Compliance of Technical Standards:**
   All electrical infrastructure works including the Distribution Transformers installed in the premises shall conform to:
   a) Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022, as amended from time to time;
   b) Central Electricity Authority (Safety Requirements for Construction, Operation and Maintenance of Electrical Plants and Electric Lines) Regulations, 2011 as amended from time to time;
   c) Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulations, 2023 as amended from time to time;
   d) The selection of standard rating of the Distribution Transformers shall be as per the relevant Indian Standards.

9.7. Inspection and Ownership of Works:

1. Every consumer installation shall be provided with:
   a) MCB/MCCB protection;
   b) ELCB/RCCB protection; and
   c) suitable isolation devices.

2. Before making an application for commencement of supply, the owner/occupier of a Multi Storeyed building (more than 15 meters in height) shall give not less than 30 days' notice in writing to the Electrical Inspector/Chief Electrical Inspectorate, Government of Karnataka together with particulars as notified by Government of Karnataka from time to time. The supply of energy shall not be commenced within this period, without the approval or otherwise in writing of the Inspector.

3. Before energisation, the installation shall be jointly inspected and tested for:
   a) insulation resistance;
   b) earthing continuity;
   c) polarity and phasing; and
   d) proper wiring and safety compliance.

4. After completion of the works under self-execution and upon satisfactory compliance, the assets shall be taken over by the Licensee for the purpose of maintenance.

5. The applicant shall stand guarantee for the quality of materials and workmanship for one year from the date of handing over of assets and rectify defects arising during such period at his own cost.

6. The Service lines, Transformers, switchgear, and allied external infrastructure shall vest with the Licensee, who shall thereafter maintain the same.
7. Internal wiring, rising mains, cable shafts, and internal distribution systems shall remain the responsibility of the building owner, Association, or Consumer.

8. No alteration or addition to the installation shall be carried out after energisation without prior written approval of the Licensee.

9.8. Mixed Loads in MS Buildings:

1. In MS buildings having mixed loads consisting of residential, commercial, or industrial loads, the aggregate load of the entire building shall be considered for applicability of these Regulations.

2. Residential and commercial portions shall be separately metered and billed under respective tariff categories.

3. Arranging Supply to Industrial loads;

   a) Purely LT Industrial Loads shall be governed under Clause 7 and are exempted from the provision of the Clause 9.
   b) Supply shall be provided with independent meters.

   Provided that, where an industrial building or any portion thereof is subsequently converted to residential or commercial use, the provisions of the Clause 9 shall become applicable in addition to any penal action for misuse of supply under chapter X.

4. Where residential and commercial loads (treating industrial load as commercial) coexist:

   a) Common area services shall be billed under domestic tariff where commercial load does not exceed 25% (twenty-five percent) of total load including sanctioned load and any additional load requisitioned of the entire building (irrespective of ownership of the individual units).

   b) Where commercial load exceeds 25% (twenty-five percent), common area services shall be billed under commercial tariff including sanctioned load and any additional load requisitioned of the entire building (irrespective of ownership of the individual units).

Provided that in the case of such mixed loads, if the common area loads such as lift, water pump, staircase/passage lights, Sewage Treatment Plant, Water Treatment Plant, Fire Equipment, etc., are exclusively for the use by the consumers of residential load then such installations feeding to common area loads shall be billed under domestic tariff.

9.9. Metering of Building with mixed loads:

1. In the case of residential building under H.T. supply for the portion of the Commercial loads/ EV Charging Loads/ Sewage Treatment Plant(STP)/Water treatment plant (WTP), sub meter(s) on LT side shall be provided and the energy so recorded in the sub-meter(s) shall be billed at the appropriate L.T. Commercial / EV Charging/STP/WTP Tariff. The consumption of Sub meter(s) shall be deducted from the energy recorded in the main H.T. meter and the balance of energy (pertaining to domestic loads) shall be billed at the appropriate H.T. Tariff applicable to Residential apartments. In such cases, fixed charges shall not be levied on the LT commercial or Electric Vehicle charging loads under sub meter(s).

2. In the case of commercial building under H.T. supply for the portion of the residential/ EV charging loads, sub meter(s) on L.T side shall be provided and the energy so recorded in the sub-meter(s) shall be billed at the appropriate H.T. Tariff applicable to Residential apartments/ EV charging Installations. The consumption of sub-meter(s) shall be deducted from the energy recorded in the main H.T. meter and the balance of energy (pertaining to the commercial loads) shall be billed at the appropriate commercial H.T. Tariff. In such cases, fixed charges shall not be levied on the LT Residential or Electric Vehicle charging loads under sub meter(s).

9.10. Resale of Energy:

1. The Consumer shall not supply part or whole of the energy supplied to him by the Licensee to another person unless he holds a suitable sanction or licence for distribution and sale of energy granted by the Commission except as provided hereunder:

a) Any registered Consumer for whom power supply is sanctioned under the Clause 9.00 is permitted to extend power supply to the tenements/ individual Consumers and this shall not be treated as resale of energy.

b) In the case of Commercial or residential complexes, where High Tension or Low-Tension Power supply is availed originally in the name of the builder or promoter of the complex and who subsequently transfers the ownership of the complex, either entirely, to different individuals or partly to different individuals retaining the balance, the power supply may be continued on the following basis:

(i) The builder or promoter of the complex in whose name the supply availed, is permitted to extend power supply to the individual owners of the flats or to the lessee by installing sub-meter(s) and to collect the amount for consumption of power from them on no profit or no loss basis (i.e., sharing of electricity bill) and this shall not be treated as unauthorized extension of supply or resale of energy.

(ii) In case, the promoter or builder of the complex does not wish to have any stake in the complex after promoting the complex, the service connection originally availed may be permitted to be transferred in the name of a registered Association or Society. This Association or Society formed in the complex is permitted to extend supply to the individuals by installing sub-meter(s) and to collect the amount for consumption of power from them on no profit or no loss basis (i.e., sharing of electricity bill). This shall not be treated as unauthorized extension or resale of energy.

9.11. Power supply to Cellular Telecommunications Services:

1. Telecom and cellular installations within the MS Buildings may avail independent supply on payment of charges towards cost of service line, as per Schedule.

2. In buildings under HT/EHT supply, telecom installations shall be connected through a sub-meter(s) and billed by the Licensee under the applicable HT tariff.

3. In buildings under LT supply, such installations shall be connected through the meter(s) tapped from the common LT bus bar and billed by the Licensee under the applicable LT commercial tariff.

   Provided that, power supply to Cellular Telecommunication services shall be treated independent of Clause 9.00.

9.12. Enhancement of the existing Distribution Transformers erected under self-execution:

In the case of request for additional load to the existing building or load to the additional built up area, if it is required to enhance the capacity of the Distribution Transformer which was originally installed by the Developer/Consumer under self-execution in the premises, the Licensee may permit the Consumer / Applicant to enhance the Distribution transformer capacity and allied equipment, if any, as per the estimate prepared by the Licensee under self-execution. In such cases, the supervision charges shall be collected as per Schedule.

Provided that, the Distribution Transformer and allied equipment provided originally by the Consumer / Applicant under self-execution shall be allowed to be retained by the Consumer / Applicant.

9.13. Installations serviced prior to 25.08.2005:

The consumer installations whose building plans were sanctioned prior to 25.08.2005 and were serviced subsequently, seeking enhancement of sanctioned load to the existing installations or additional connections for additional built-up area, where the total load upon such enhancement and / or additional connections become 35 kW OR above, OR the total built-up area exceeds 800 square metres, the consumer shall provide suitable space for installation of the distribution transformer, switchgear and other allied equipment in accordance with these Regulations and install the Distribution Transformer and allied equipment at the consumer's cost under self-execution.

Provided that, where the consumer is unable to provide such space, the Licensee may arrange power supply from his existing Distribution Transformer OR by enhancing the existing Distribution Transformer or by installing a new transformer, and shall recover the expenditure towards the cost of electric line/plant for such additional loads only from the consumer at the slab rates specified in the Schedule.

9.14. Transfer of Installation:

After the installation(s) is/ are serviced in the name of Developer or Promoter, the individual installations may be transferred to the names of person(s) possessing the ownership rights subject to compliance with provisions relating to transfer of installations as per **clause 36** of these Regulations.

10.0. Supply of Power to Layouts with Residential, Commercial, Industrial and Mixed Loads:

10.1. Applicability:

These provisions shall apply to all layouts, townships, villa projects, industrial/ commercial layouts, Mixed-Load Buildings, and Government housing schemes seeking electricity supply from the Distribution Licensee.

The Applicants shall comply with the provisions of these Regulations and other applicable Regulations governing LT, HT, and EHT supply.

10.2. Application for Power Supply:

The application shall be accompanied by approved layout plan indicating:

1. Residential, commercial, industrial, and mixed-use type of loads.
2. Number and size of sites/plots.
3. Proposed requisitioned load category-wise;
4. Ear marking of the suitable space within the layout for the erection of Distribution Transformers and allied equipment at load centres.
5. For each Distribution Transformer, an open space of not less than 3 meters × 5 meters with proper fencing, level platform, and lockable gate shall be provided.

   Provided that, the Distribution Transformer shall be erected at the load centre and it shall not be erected on the road/footpath.
6. Earmarking of the suitable land within the layout for establishment of a substation and allied infrastructure in case of load requirement is more than 7,500 kVA.

10.3. Responsibility of the Developer for Electrification:

1. Except for improvement or augmentation works relating to existing substations and strengthening of existing distribution mains, the entire electrical infrastructure required for electrification of the layout shall be executed by the Developer/Applicant at his own cost. Such works shall include, but shall not be limited to:

   a) Laying of 11 kV line/Under Ground (UG) cable from the substation by providing a suitable switchgear or extension of 11 kV overhead line / UG cable from the nearest source point up to the layout;
   b) Laying of 11 kV overhead line/ UG cable and LT overhead lines/UG cables /Aerial Bunched (AB) cables, wherever applicable within the layout;
   c) Installation of Distribution Transformers, Ring Main Units (RMUs), feeder pillars, switchgear/Control panels, isolators, protective equipment, and associated accessories within the layout;
   d) Streetlight control systems;
   e) Civil works relating to erection of Poles, Distribution Transformers, cable trenches, and foundation;

2. The Developer/Applicant shall use Under Ground cables for 11KV and Under Ground Cables/ Aerial Bunched (AB)Cables for LT lines in the layouts developed in the areas covered under Greater Bengaluru Authority (GBA), Bengaluru Urban, Bengaluru South & Bengaluru Rural Districts, Bengaluru Development Authority (BDA), Municipal Corporations and City Municipal Councils (CMCs) notified by the Government from time to time.
3. The Developer/ Applicant in case of residential layout shall deposit with the Distribution Licensee the cost of 80%(eighty percent) of the total requirement of the Distribution Transformers and allied materials/equipment/mounting structure in the layout, as estimated by the Licensee in accordance with the prevailing Schedule of Rates under the head of Deposit Contribution Works. Subsequently, the Distribution Licensee shall install the Distribution Transformers in a phased manner based on the load requirement in the layout regularly, till the requirement is completed.

Provided that, the balance 20% (twenty percent) of the total Distribution Transformers including the allied equipment in the layout for catering to the total load of street lighting, water supply, sewage treatment plant and other common area installations, if any, as per the requirement, subject to maintaining the voltage regulation within the prescribed limits, shall be installed by the Developer/Applicant under self-execution.

Provided further that in a layout, if the requirement of transformer to cater to the total load including the common area loads is only one, in such cases, the Distribution Transformer shall be installed by the Developer/Applicant under self-execution.

4. The Developer/Applicant shall pay a one-time charge equal to 5% (five percent) of the total cost of electrification to the Licensee before takeover.

10.4. Criteria for assessment of total Load in a residential Layout for deciding the capacity of the Distribution Transformer/allied infrastructure:

The load for each site shall be assessed based on the site area as specified in the following Tables 2A to 2E:

Table 2A: Greater Bengaluru Authority and Bengaluru Urban District

Sl. No.	Site Area (sq. ft.)	Assessed Load (kW)
1	Up to 600	3
2	Above 600 up to 1200	5
3	Above 1200 up to 2400	7
4	Above 2400 up to 4000	9
5	Above 4000	9 kW + 1 kW for every additional 400 sq. ft.

Table 2B: Bengaluru South and Bengaluru Rural Districts

Sl. No.	Site Area (sq. ft.)	Assessed Load (kW)
1	Up to 600	3

2	Above 600 up to 1200	4
3	Above 1200 up to 2400	6
4	Above 2400 up to 4000	8
5	Above 4000	8 kW + 1 kW for every additional 500 sq. ft.

Table 2C: Municipal Corporations/City Municipal Council Areas

Sl. No.	Site Area (sq. ft.)	Assessed Load (kW)
1	Up to 1200	3
2	Above 1200 up to 2400	5
3	Above 2400 up to 4000	7
4	Above 4000	7 kW + 1 kW for every additional 600 sq. ft.

Table 2D: Town Municipal Council Areas

Sl. No.	Site Area (sq. ft.)	Assessed Load (kW)
1	Up to 1200	3
2	Above 1200 up to 2400	4
3	Above 2400 up to 4000	6
4	Above 4000	6 kW + 1 kW for every additional 700 sq. ft.

Table 2E: Applicable to Areas other than all the above

Sl. No.	Site Area (sq. ft.)	Assessed Load (kW)
1	Up to 1500	3
2	Above 1500 up to 3000	4
3	Above 3000 up to 4000	5
4	Above 4000	5 kW + 1 kW for every additional 800 sq. ft.

The higher of the assessed load or requisitioned load shall be considered for determining the total load requirement of the layout.

Distribution Transformer capacity shall be determined by applying a Load Diversity Factor of 1.5 and 1 for residential and Commercial/Industrial purposes respectively.

Illustration: *In a residential layout developed with 42 sites each measuring 1200 Square feet, with the estimated load based on the criteria of 3 kW load per site. The total requirement of load will be 126 kW. The total load requirement for street light, water supply, Sewage treatment plant and other common area loads is 35 kW. Then the Distribution Transformer capacity shall be 161 kW/1.5(load/DF) that is 107 kW (107/0.85=126 kVA). To cater to this load, the standard Transformer capacity required is 100 kVA*1 and 63 kVA *1 which shall be considered for sizing.*

Provided that, the connected load on the Transformer shall not exceed 150 kVA on 100 kVA capacity and 95 kVA on 63 kVA capacity.

10.5. Special Category of Layouts:

1. **Villa Layouts:**

   In respect of Villa layouts, the Developer/Applicant shall install Distribution Transformers, 11 kV UG cable, LT UG cable and allied infrastructure in all the areas under self-execution based on the higher of the assessed load calculated as per above Clause 10.4 for the respective areas or the requisitioned load.

   In such cases, collection of one-time charge at 5% (five percent) of the total estimated cost shall not be applicable.

   Upon satisfactory completion and inspection, the service line, Distribution Transformer and allied equipment shall be taken over by the Distribution Licensee for the purpose of the maintenance.

2. **Government Housing Schemes for Economically Weaker Sections (EWS):**

   In layouts developed under Government schemes for economically or socially weaker sections, the load shall be assessed at 1 (one) kW per site.

   The Distribution Licensee shall recover the cost for electrification of the layout as per the estimate under Deposit Contribution Work (DCW) or the concerned Department can take up the execution of the required infrastructure under self-execution duly paying the applicable supervision charges.

10.6. Applicable to Commercial/ Industrial Layouts:

1. In respect of commercial and industrial layouts, the full cost of electric line and plant required for providing supply shall be borne by the Developer/Applicant based on the requisitioned loads.
2. For industrial layouts developed by KIADB, KSSIDC, KEONICS or others, including residential buildings constructed within such layouts, the works relating to 11 kV lines/underground cables, LT lines/underground cables, Distribution Transformers and allied infrastructure shall be executed by the Applicant on self-execution basis, as per the estimate approved by the Licensee and shall pay supervision charges as per Schedule.

   Provided that, in such cases, the one time charges at 5% (five percent) of the estimated cost and the Charges towards Development of infrastructure of electric line/plant specified in Schedule, shall not be collected.

10.7. Technical Standards:

All electrical infrastructure works including the Distribution Transformers installed in the layout shall conform to:

a) Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022, as amended from time to time;

b) Central Electricity Authority (Safety Requirements for Construction, Operation and Maintenance of Electrical Plants and Electric Lines) Regulations, 2011 as amended;

c) Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulations, 2023 as amended;

d) The selection of standard rating of the Distribution Transformers shall be as per the relevant Indian Standards;

10.8. Alternate Provision for arranging Power Supply by the Licensee:

Where the Distribution Licensee undertakes on behalf of Developer/Applicant, laying of HT Line/UG Cable from the substation by providing a Switchgear up to the suitable point nearby the layout to which power supply has been requested, to facilitate the Developer/Applicant to tap such HT line/UG cable to extend it further to his layout, in such cases, the cost shall be recovered from the Developer/Applicant as Development Charges as per Schedule.

Provided that the Developer/Applicant shall execute the infrastructure works such as 11 kV line/UG cable, Distribution Transformer and allied equipment, LT line/UG cable/AB cable in the layout including the works of extending 11 kV line/UG Cable tapping from the point where the Licensee has laid the 11kV line/UG cable, under self-execution as laid down in above sub-clause 10.3.3.

10.9. HT/EHT Supply to Layouts:

The Distribution Licensee may sanction HT/EHT supply to layouts where the Developer/Applicant opts for such supply. In such cases, the provisions relating to HT/EHT supply under **Clause 8.00** shall also be applicable wherever relevant.

The applicant shall bear the entire cost of extension of 11 kV or higher voltage lines or underground cables, HT metering cubicle, Switchgear panels, isolators, and protective equipment under self-execution.

Provided that, on request of the Consumer, conversion from HT/EHT to LT may be permitted if the load is up to and inclusive of 150 kW/176 kVA/201 HP, per installations only subject to payment of supervision charges on the cost of the modification work, if any, as estimated by the Licensee.
In such cases, the Licensee shall take over the distribution line/UG cable including the distribution transformers and allied equipment provided under self-execution by the applicant/consumer, at free of cost for the purpose of maintenance.

10.10. Layouts requiring more than 7500 kVA:

Where the total load assessed as per the criteria specified in Clause 10.4 for the respective areas OR requisitioned load whichever is higher in a layout, exceeds 7500 kVA, the Developer/Applicant shall bear the full cost of the substation, laying of HT line/UG cable, LT line/UG cable and associated infrastructure inside the layout as laid out in sub-clause 10.3.3.

Provided that, such works may be executed either by the Distribution Licensee duly recovering the charges from the Developer/Applicant under DCW OR by the Developer/Applicant himself under self-execution as per the estimate approved by the Licensee.

10.11. Execution Timeline for Electrification of Layout:

1. The Developer/Applicant shall complete all electrification works within 12 months from the date of order of the Licensee. The Distribution Licensee may grant an extension of a further period of 6 months upon written request before the expiry of 12 months, with valid reasons.

2. In case of layouts requiring erection of sub-station, the Developer/Applicant shall complete all electrification works within 24 (twenty-four) months from the date of order by the Licensee. The Distribution Licensee may grant an extension of a further period of 6 months upon written request before the expiry of 24(twenty-four) months, with valid reasons.
3. Failure to complete the works within the time period shall result in:
   a) Cancellation of the application;
   b) Forfeiture of 20%(twenty percent) of the supervision charges paid;
   c) The balance amount including the deposits paid, if any, shall be refunded within 60 (sixty) days from the date of cancellation of the application.

   Provided that, if the amount due is not refunded, the Licensee shall pay interest at 1% (one percent) per month on actual number of days of delay on the amount due for refund.

10.12. Rights of the Distribution Licensee:

The Distribution Licensee shall have the right to tap, extend, or utilize any electric line, Distribution Transformer, or infrastructure created for one layout or consumer for extending supply to other consumers or areas by augmenting the capacity of the existing system, if necessary, by the Licensee.

Provided that, such use shall not be detrimental to the supply to the consumer or consumers already connected.

10.13. Takeover of assets for Maintenance:

1. Upon satisfactory completion and testing of the electrification works, the distribution system shall be taken over by the Distribution Licensee at free of cost for maintenance purpose.
2. The Developer/Applicant shall stand guarantee for materials/equipment installed by him under self-execution, for a period of one year from the date of takeover.
3. After completion of the electrification works by the Developer/Applicant, the Licensee shall service the streetlight, Sewage Treatment Plant, Water Treatment Plant, water supply installations and other common area Installations, if any and shall issue certificate of completion to the concerned Planning Authority or other Competent Authority to enable it to issue final approval / release orders to the Developers for registration of sites in the layout.

10.14. Recovery of Charges in case of Default by Developer/Applicant:

1. In case of the approved layouts/sites if the works of infrastructure of Electric line/plant up to the terminal pole/feeder pillar that is point of connection to the site(s) within the layout, is not carried out by the Developer, in such layouts, the Distribution Licensee shall arrange power supply to the site owners on applications made by them by recovering the expenditure as per Schedule from them towards development of infrastructure of electric line/plant on the basis of assessed load calculated according to sub-clause 10.4.

   Provided that, if it is required to establish a sub-station to arrange power supply to such layouts/sites with assessed load exceeding 7500 kVA, the Distribution Licensee shall also collect the charges towards establishing sub-station including the land cost, as approved by the Commission. In such cases, the proposals indicating the cost to be borne by the applicants/consumers towards establishing the substation including land cost, shall be submitted for approval of the Commission and the cost thereof shall be transferred to the Transmission

Licensee by the Distribution Licensee, wherever required, for executing the work.

In such cases, in addition to these infrastructure charges towards establishing the substation including the land cost, the Distribution Licensee shall recover the cost towards electrification of the layouts/sites as per the Schedule.

2. For requisitioned load by an applicant for his building in such layouts, the Distribution licensee shall collect charges towards the cost of service line as per Schedule, if it is beyond the assessed load. If the requisitioned load is equal to assessed load, then the charges towards cost of service line shall not be applicable.

3. If the consumer requests for the additional load to the existing installation(s) or load for additional connection(s) which is beyond the assessed load within the premises, then in such cases the charges towards the cost of service line for such load beyond the assessed load shall be levied as per Schedule.

4. Alternatively, the site owners seeking power supply to such layouts/sites may carry out the entire work of establishing the substation and providing infrastructure to the layout for electrification under self-execution as per the estimate approved by the Licensee.
   In such cases the Licensee shall not collect the charges towards development of Infrastructure and the service line up to point of connection.

10.15. Applicability of infrastructure/service line charges for individual site(s), situated in the areas other than the layout:

1. In the case of the individual site(s) approved by the competent authority, situated anywhere other than the layouts, where there is no infrastructure of electric line/plant available up to the terminal pole/feeder pillar that is point of connection and if the power supply is requested for such sites, the Licensee shall collect the charges as per Schedule based on the assessed load calculated as per the criteria corresponding to the areas specified under sub-clause 10.4 of

these Regulations towards the development of infrastructure of electric line/plant.

Provided that, if already infrastructure of electric line/plant has been developed up to the terminal pole /feeder pillar that is the point of connection, then in such cases charges towards development of infrastructure of electric line/plant shall not be collected if the requisitioned load is equal to assessed load.

Provided further that, if the total load including the requisitioned load is more than the assessed load, then in such cases only charges towards the cost of service line up to the point of connection for the load beyond the assessed load shall be collected as per Schedule.

2. Alternatively, in such site, if the Applicant opts for executing the work of extension of electric line/plant up to the point of connection under self-execution as per the estimate approved by the Distribution Licensee, the same shall be allowed.
   In such cases, the Licensee shall not collect the charges towards development of Infrastructure and the service line up to point of connection.

10.16. Applicability of Other Regulations:

All other provisions of these Regulations relating to tariff, metering, billing, security deposit, safety, supply voltage, standards of performance, and consumer classification shall apply to the consumers within the layout according to the respective category of supply.

11.0. Public Lighting (Streetlights), Water Supply and Electric Vehicles(EV) Charging:

11.1. Public Lighting (Streetlights):

1. No streetlight installation shall be serviced without a suitable energy meter and an automatic/electronic timer switch.
2. Only energy-efficient lamps and fittings shall be used; incandescent lamps are prohibited.

3. Metering and control equipment shall be installed in a waterproof metal box.

11.2. Application and Registration:

1. Eligible applicants include City Corporations, Town Municipalities, Town Panchayats, Development Authorities, Housing Boards, KIADB, APMC, Trust Boards, and Village Panchayats (other than those covered under approved schemes of the Government and in the areas other than layouts covered under Clause 10.00).

2. No street lighting installation shall be serviced without a suitable energy meter and an electronic timer switch.

11.3. Recovery of Expenditure:

1. Applicants shall bear the full estimated cost of:
   a) Extension of lines for streetlight supply,
   b) Meters and control panels.

   The above works may be carried out either by the Licensee under DCW or by the Applicant under self-execution as per the estimate approved by the Licensee.

2. In the existing network where the street light circuit is not provided, in such cases, the Licensee shall bear the cost of providing street light circuit and the remaining 50% (fifty percent) of the estimate cost shall be borne by the concerned department.

11.4. LT Water Supply:

The Cost of electrification of LT water supply installations shall be included in the water supply scheme itself. The Licensee shall collect the estimated amount from the applicant and execute the work under DCW. In case, the applicant desires to carry out the work by himself under self-execution, the Licensee shall allow the applicant to carry out the work duly collecting applicable supervision charges.

11.5. EV Charging Infrastructure:

1. Distribution Licensee shall arrange supply to the EV charging stations in compliance with these Regulations, Electricity (Rights of Consumers) Rule,2020, Ministry of Power Guidelines and CEA safety Regulations/ Standards.
2. Multi storied buildings/ complexes may obtain sanction for EV charging stations from Distribution Licensee as a common supply for the Association OR individual connections for each consumer(s) in the space identified within the premises.
3. In the above case, if there is no designated parking space to Individual Flat owners /consumers /occupiers, in such cases, EV charging stations shall be installed in the identified common areas within the premises.
4. EV charging in common areas shall require extension of wiring/cabling from the metering panel, the applicant/consumer shall take up this work conforming to extant CEA Safety Regulations/Standards.
5. The consumers in the individual buildings or MS buildings with dedicated parking may install EV charging stations within the sanctioned load OR by enhancing the sanctioned load, OR may seek a new EV charging connection under approved tariff.

   Provided that, the Distribution Licensee may sanction the sub meter(s) on the request of the consumers for EV charging stations. In such cases, the consumption recorded in the sub meters shall be billed separately as per the applicable EV tariff in force. In such cases, no fixed charges shall be applicable for the load recorded in the sub meter(s).

6. HT/EHT consumers may install LT/HT sub-meters for EV charging station; in such cases the consumption recorded in the sub meters shall be billed separately as per the applicable EV tariff in force. In such cases, no fixed charges shall be applicable for the load recorded in LT/HT sub meters.

7. The Applicants shall take up the execution of service line work including the erection of Distribution Transformer under self-execution as per the estimate approved by the Licensee.

   In such cases, the charges towards the Development of Infrastructure and the service line up to point of connection shall not be applicable.

12.0. Temporary Power Supply:

12.1. Applicability and Load Classification:

1. Temporary supply may be sanctioned for construction works, marriages, functions, exhibitions, festivals, touring cinemas, or other short-term needs.
2. Classification:
    a) LT Temporary Supply: For loads below 50 kW/59 kVA/67 HP;
    b) HT Temporary Supply: For loads of 50 kW and above.

12.2. Application and Charges:

1. Applications for LT/HT supply shall be submitted ONLINE in the form as required by the Licensee by paying Service Charges as per Schedule.
2. No registration-cum-processing fee is payable for temporary supply.
3. Necessary permits/licences/NOCs wherever required.
4. For above 50 kW load, the applicants shall enclose wiring diagram and Contractor's completion-cum-test report.

   Provided that, in respect of availing temporary power supply for LT connections up to 50kW having voltages less than 650 volts shall be inspected, tested and self-certified by the owner of the installation, before commencement of supply for ensuring observance of safety measures as per CEA Safety Regulations, notified by the Government of Karnataka from time to time.

   Provided further that, in case of voltage level equal to or below the notified voltage, Chartered Electrical Safety Engineer can also test the installation on request of the owner.

12.3. Power Sanction:

1. The Licensee shall prepare the estimate for the service line required for arranging temporary power supply and communicate power sanction indicating the applicable Supervision Charges payable.
2. Temporary power supply shall be sanctioned for a period as may be required by the Applicant/consumer.

3. The officers of the Licensee who are empowered to sanction permanent power supply are also authorized to sanction temporary power supply to the same extent for a period required by the Applicants/ Consumers subject to observance of Conditions laid down in these Regulations.

12.4. Recovery of Expenditure:

Applicant/Consumer shall bear the full cost of the work and carryout the work under self-execution through LEC including:

1. Service line(EHT/HT/LT) /UG cable wherever applicable.
2. Distribution Transformer along with protective switch gear shall be installed if necessary for the load of below 50 kW.
3. Metering cubicle and protective equipment for HT/EHT,

12.5. Execution and Safety Requirements:

1. Service Line Works shall commence only after sanction order is issued by the Licensee.
2. For LT supply: the consumer shall provide current limiter, Earth Leakage Circuit Breaker (ELCB), and capacitors wherever required.
3. For HT/EHT supply: the provisions of Clause 8.00 of these Regulations shall be applicable.

12.6. Metering/Billing:

1. Temporary supply shall be serviced within 48 (forty-eight) hours and within 7(seven) days in case augmentation of distribution system is required, from the date of application.

   Provided that, in case of self-execution of works, the service shall be arranged immediately after completion of such works.

2. Temporary supply shall be serviced through a smart prepaid meter as per KERC (Pre-paid Smart Metering) Regulations, 2024 and its Amendments issued from time to time.

12.7. Other Conditions:

1. Approval of Electrical Inspector shall be required for:
   a) Temporary installations with gathering of 100 persons and more, and
   b) All HT/EHT temporary installations.

2. **Touring Cinemas/Drama/ Circus Companies: Supply permitted only with:**
   a) "Camp Allotment Letter" from District Magistrate, and Safety approval from Electrical Inspector.
   b) Supply may continue up to 1 (one) month beyond licence expiry, provided no shows are run until renewal of licence.

12.8. Replacement of meters:

Replacement of pre-paid smart meters in case of damage or burnt out shall be governed as per the KERC (Pre-paid Smart Metering) Regulations, 2024 and its Amendments issued from time to time.

12.9. Penal charges:

If the temporary supply is found extended for unauthorized use or theft of electricity, penal charges as per Chapter X shall be applicable.

12.10. Decommissioning of Asset:

After the completion of the requirement of temporary supply by the Applicant/consumer, the infrastructure such as service line/ UG cable including smart meters, Distribution Transformer and allied equipment, in case of LT supply and service line/ UG cable & allied equipment including the HT metering cubicle in case of HT supply provided by the applicant under self-execution, can be used to service the installation on permanent basis to the same building/premises, if the technical requirements permit.

Provided that, if it is not possible to use the same infrastructure for servicing the installation of that Applicant/consumer on a permanent basis, and if the same infrastructure is required by the Licensee to supply it to other consumers, the applicant shall be paid the depreciated cost of service line/ UG cable and

Distribution Transformer and allied equipment in case of LT supply and service line/UG cable & allied equipment and HT metering cubicle in case of HT/EHT supply. In such cases, the ownership of the infrastructure taken over from applicant/consumer belongs to the Licensee.

Provided further that, if the above infrastructure provided by the Applicant/consumer under self-execution is not required by the Licensee to supply it to other consumers, then in such cases, the Licensee shall allow the Applicant/consumer to retain the same.

Chapter VI

Wiring, Extension & Alteration and Power Factor of Installation

13.0. Wiring on Consumer Premises:

Wiring on consumer premises shall comply with the Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulations, 2023; **CEA safety Regulations/relevant standards,** Central Electricity Authority (Safety Requirements for Construction, Operation and Maintenance of Electrical Plants and Electric Lines) Regulations, 2011 and their Amendments issued from time to time;

14.0. Handling of Licensee's Equipment in Consumer's Premises:

1. Consumers shall not handle, remove, or tamper with meters, cut outs, load limiters, or seals. Safe custody of equipment rests with the Consumer.
2. For HT installations, with the approval of the Licensee, Consumers may operate terminal switches/fuses/circuit breakers only in emergencies.
3. Any damage to Licensee's equipment due to Consumer's act/negligence shall be rectified at Consumer's cost as per applicable schedule of rates/market rates as applicable.

15.0. Extensions and Alterations:

15.1. LT Installations:

1. The Consumer is permitted to change the machinery/appliances /equipment in his premises within the sanctioned load.

2. If the Consumer desires to increase the capacity of connected machinery/equipment beyond the sanctioned load, he shall get the additional load sanctioned and such installations having voltage less than 650 volts, shall be inspected, tested and self-certified by the owner of the installation, for ensuring observance of safety measures as per CEA (Measures relating to Safety and Electricity) Regulations, 2023, notified by the Government of Karnataka from time to time, if there is any change in the wiring. The Licensee shall inspect and take action for changing the meter and alter the service line if required at the cost of the Consumer.
3. The Consumer shall not be permitted to install additional machinery by providing alternate switch.

   Provided that, the motor of IP set installations can be used with an alternative drive for other agricultural operations like sugar cane crusher, coffee pulping, etc., with the approval of the Licensee. The energy used for such operation shall be metered separately by providing alternate switch and charged at relevant tariff (only energy charges) in force during the period of alternative use.

15.2. HT/EHT Installations:

No additional apparatus/equipment shall be connected in HT/EHT Installations without the approval of the Electrical Inspectorate. A copy of such approval shall be furnished to the Licensee.

16.0. Load Balancing:

Three phase wiring shall be on group system with independent neutrals. Each main circuit shall be controlled by a double pole linked switch. Load shall be distributed so that neutral current does not exceed 10% of maximum phase current at full load.

17.0. Periodical Inspection & Testing and Safety in Consumer Premises:

17.1. Periodical Testing and Inspection:

1. Installations shall be inspected and tested periodically by Licensee/Electrical Inspectorate as per relevant Rules/Regulations/Standards.
2. Defects noticed during the testing shall be notified to the Consumer and the consumer shall rectify such defects through a Licenced Electrical contractor

within stipulated time. Non-rectification may lead to disconnection of power supply.

17.2. Safety in Consumer Premises:

The Licensee reserves the right to disconnect the installation if any defect in the installation comes to his notice which may cause danger. The Consumers may also disconnect and report defective wiring/apparatus causing danger. Reconnection of the installation(s) shall be effected by the Licensee only after rectification of defect by the Consumer.

18.0. Failures or Variations in Supply:

1. Complaints of supply failure or variation in supply shall be lodged with the Licensee's jurisdictional office.
2. Licensee shall attend to the complaints within timelines as provided under KERC (Rights of Consumers, SoP and Allied Matters) Regulations, 2022 and its Amendments thereof.
3. If defect lies in Consumer's internal wiring system, reconnection shall follow certification by Licenced Electrical Contractor and reported to the Licensee.

Provided that, Licensee shall not be liable for losses due to supply failure/variation, except where lapses are proven against the Licensee, in which case compensation shall be awarded by the Commission.

19.0. Power Factor (PF) Requirements for HT/EHT Installations:

19.1. Consumer's Responsibility:

1. HT/EHT Consumers shall maintain an average power factor (PF) of not less than 0.90 lag.
2. The consumers shall determine the required capacity of power factor correction (PFC) equipment in consultation with equipment manufacturers/suppliers.
3. Failure to maintain the specified PF shall attract a surcharge as per the tariff order in force.
4. Billing PF shall be the average of PF recorded in the energy meter. If the PF is unavailable, the same shall be calculated using the ratio of kWh to kVAh, or if not possible, the PF recorded during rating tests shall be considered.

19.2. Correction of Low Power Factor:

1. Where the PF of an installation is found below 0.90 (lag) during meter reading, testing, or rating, the consumer shall, within 3 (three) months from the date of intimation by the Licensee, the consumer shall install additional PF correction equipment and report compliance in writing to the Licensee.
2. Failure to comply shall attract PF surcharge from the billing month following the expiry of 3 (three) months until PF is improved to 0.90 or above.

19.3. PF calculation if the Meter is faulty:

If the meter is defective in any billing month, the PF for that period shall be the PF of the immediately preceding month.

19.4. Initial Grace Period:

No PF surcharge shall be levied for the first 3 (three) billing months from the date of service. Thereafter, surcharge shall apply if PF remains below 0.90.

20.0. Power Factor Requirements for LT Installations:

LT Consumers shall maintain an average power factor (PF) of not less than 0.85 lag.

20.1. Capacitor Provision:

Consumers (other than X-Ray installations) shall provide capacitors to maintain PF at not less than 0.85.

20.2. Certification:

Consumers shall furnish the manufacturer's test certificate for the capacitor, or a certificate issued by the Licensee's testing laboratory or a Licensee-approved laboratory, prior to service connection.

20.3. Correction of Low Power Factor:

If PF remains below 0.85, the consumer shall, within 3 (three) months from intimation, install additional capacitors and inform the Licensee in writing. Failure to comply with the requirement shall attract PF surcharge as per the prevailing tariff from the billing month following expiry of the 3 (three) months.

21.0. Common Provisions for power factor applicable to HT/EHT and LT Installations:

21.1. Determination of Power Factor:

PF shall be computed up to 3 (three) decimals and rounded off to the nearest second decimal as follows:

- 0.8449 = 0.84
- 0.8451 = 0.85

21.2. Limitation of Penalty:

Where monthly consumption is less than 10 units per kVA of contracted demand or 10 units per kW of sanctioned load, PF penalty shall be limited to 30% (thirty percent) of the energy charges bill (excluding taxes, arrears, and fixed/demand charges).

CHAPTER VII

Metering, Billing, and Power Supply Charges

22.0. Installation of Meters:

1. No new electricity connection shall be released without a meter and all meters shall conform to the Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006, and subsequent amendments thereof and Regulations/Orders issued by KERC from time to time.

2. At the time of release of a new connection, the consumer may:

   a) Purchase the meter of approved type and specifications directly, or
   b) Request the Licensee to provide the meter on payment of prescribed Meter Security Deposit.

3. The type of meters to be installed shall be as follows:
   a) LT Consumers: Smart Meter or pre-paid smart meter of suitable rating as per the option of the consumer.
   b) HT/EHT Consumers: 3-Phase Tri-vector Meter or Smart Meters.

4. The operation and billing of pre-paid smart meters shall be governed by KERC (Pre-paid Smart Metering) Regulations,2024 and its Amendments thereof.

5. The consumer shall ensure the safety of the meter and its accessories when located within his premises. In case, licensee has installed the meter outside the premises of the consumer, the Licensee shall be responsible for safe custody of the meter.

6. In theft prone areas, the licensee may permit to install meters on poles/ feeder pillar and in such cases, the licensee shall ensure the safety of the meters.

7. The Licensee may recover the cost of the meter or accessories damaged or lost due to reasons attributable to the consumer.

8. A consumer may install a check meter conforming to the technical specifications as laid down in Central Electricity Authority (Installation and Operation of meters) Regulations 2006 and its Amendments thereof. These check meters may be calibrated by the Distribution Licensee upon payment of prescribed fee as approved by the Commission from time to time.

   Provided that, check meter readings shall not be used for billing purpose by the Licensee.

   Provided further that, check meter can be used for billing during the period of failure of main meter and the faulty main meter shall be replaced within the timeline specified in KERC (Rights of Consumers Relating to Supply of Electricity, Standards of Performance (SoP) and allied matters), Regulations, 2022 and its Amendments from time to time.

23.0. Meter Reading:

1. The Licensee shall read meters for each billing period electronically, physically, or through photo submission by the consumer.
2. Pre-payment meters shall be read at least once in three months. Consumption data shall be made available to consumers through web, mobile app, or SMS.
3. If meter reading cannot be taken in a billing cycle, provisional bill may be issued to the consumer based on the average of the previous 3 (three) billing cycles.

Provided that, the provisional bill shall not be issued for more than 2 (two) consecutive cycles.

4. Consumers may submit a meter photograph (showing reading and date) to avoid provisional billing and the Licensee shall issue the bill on the bases of the same.

23.1. Inaccessible Meter:

Where the meter cannot be read due to reasons such as locked premises or obstruction, for two consecutive billing period, the Licensee may issue a notice to the consumer to keep the meter accessible for reading for the subsequent meter reading date. In case consumer fails to adhere to the notice, disconnection may be effected after issuing the disconnection notice.

The licensee may issue an assessed bill in such cases based on the average consumption of the previous 3 (six) months. Necessary adjustment shall be made after actual meter reading is obtained in the subsequent billing cycle.

23.2. Group Billing: Group billing of installations located in various places belonging to a same consumer within the jurisdiction of a Distribution Licensee is allowed at the option of the Consumer. This is subject to the condition that the Consumer establishes and maintains the Automated Remote Meter Reading (ARMR) facility or the smart meter with AMI features, at his cost, in accordance with the extant CEA Metering Regulations or KERC Orders, to communicate the billing data from the energy meters provided to such installations, to the Control Centre of the Distribution Licensee, as required by the Distribution Licensee. In such cases, the Distribution Licensee shall issue the consolidated monthly bill to the Consumer by enclosing the bill details of the individual installations, to facilitate the Consumer to make the payment to the Distribution Licensee at one point, as per the consolidated monthly bill.

Accordingly, the Distribution Licensee shall make necessary entries to account the energy/amount internally, against the individual RR numbers of the Consumer, located in different places.

23.3. Testing and Verification of Meters:

1. The New meters shall be tested at the NABL accredited Labs or by the Licensee.
2. The Licensee shall calibrate, and seal all meters before installation.
3. Upon consumer's request, meters shall be tested within the timelines as specified in KERC (Rights of Consumers Relating to Supply of Electricity, Standards of Performance (SoP) and allied matters), Regulations, 2022 and its Amendments from time to time.
4. The Licensee shall undertake periodical testing of meters as follows:

Table - 3

Sl. No.	Nature of installation	Periodicity of testing
i	HT installations	Every 6 (six) months
ii	LT Power installations	
	a) More than 40HP	Once in a year
	b) 40 HP and below	Once in 2 (two) years
iii	Other installations	Once in 5 (five) years

Provided that, all installations whose average consumption is less than 20 units per kW per month or more than 300 units per kW per month shall be mandatorily tested every year.

5. Consumers shall be informed of the testing schedule and may witness the test.

6. **Upon Testing of Meters:**

a) When the meter is found to be slow beyond the permissible limits, the Consumer shall be liable to pay the difference at normal rates based on the percentage error, for a period of not more than 6 (six) months prior to the test.

b) When the meter is found to be fast beyond the permissible limits, the Licensee shall adjust the excess amount collected based on the percentage error for a period not more than 6 (six) months prior to the date of test, within 1 (one) month of the date of test by giving credit to the account of the Consumer. In case of delay in adjustment of the excess amount, the Licensee shall pay interest at 1% (one percent) per month on actual number of days of delay on the amount due for adjustment.

c) The testing staff of the Licensee shall draw a mahazar and obtain the signature of the Consumer or his representative for witnessing the test and also agreeing to pay the back billing charges in case of slow recording of the meter.

7. A copy of the signed test report shall be provided to the consumer.

23.4. Correctness of Meter:

In the event of the Consumer raises disputes regarding the accuracy of the meter, he shall give notice to the Licensee. The Licensee shall refer the matter for inspection / testing of the meter to a NABL accredited agency under information to the Consumer. The Consumer shall pay the specified testing fee directly to such Agency. The Agency shall test the accuracy of the meter using an electronic type testing equipment which shall provide an automatic printout of test readings, percentage error with date / time / R.R. No., etc., to the Consumer with a copy to the Licensee.

23.5. Pre-paid smart meters shall be tested and replaced if found faulty or damaged as per KERC Pre paid Smart Metering Regulations,2024 and its Amendments thereof.

23.6. Replacement of burnt out meters:

1. The cost of burnt-out meter shall be collected from the Consumer and such meter shall be replaced by a correct meter immediately without any lapse of time.
2. The released burnt meter shall be sent to the approved Meter testing laboratory. If the meter is burnt out due to mistake/fault in the Consumer premises, there shall be no refund of the cost of meter collected by the Licensee. If it is due to technical reasons like voltage fluctuation etc., attributable to the system constraints, the cost of meter collected by the Licensee shall be adjusted against the future bills of the Consumer commencing from the immediate succeeding month.

Provided that, if more than 1(one) Meter(s) is burnt in the same area due to system constraints, such Meters shall be replaced by the Licensee immediately without collecting the cost of the Meter from the Consumer(s).

23.7. Protection of Metering Equipment:

The Consumer shall provide adequate protection and reasonable access for all metering equipment, service lines and associated apparatus installed by the Licensee and shall ensure that such equipment is not damaged, tampered with OR interfered with.

23.8. Responsibility of the Licensee:

The Licensee shall ensure that all electrical lines, meters and equipment belonging to OR under the control of the Licensee and located in the Consumer's premises are maintained in a safe condition and are fit for supplying electricity.

24.0. Prohibition of Tampering:

The Consumer or occupant of the premises shall not:

1. Tamper with any electrical plant, service line, meter or apparatus belonging to the Licensee;
2. Cause or permit any damage, interference or unauthorized alteration to such equipment;
3. Obstruct the proper functioning of metering or protection equipment.

24.1. Disconnection for Tampering or Damage:

Where the Licensee has reasonable grounds to believe that the Consumer has tampered with or damaged any electrical plant, service line or meter belonging to the Licensee, the Licensee may disconnect the supply after following the procedure specified under these Regulations and applicable laws.

24.2. Security Seals:

The Licensee shall provide and maintain appropriate security seals, locks or security devices on metering equipment and maintain records thereof to detect unauthorized interference.

24.3. Broken or Missing Seals:

Where the Consumer or the Licensee notices that any seal affixed to the metering equipment is broken, missing or damaged, the same shall be immediately reported to the other party.

In such cases, the Licensee shall inspect the installation at the earliest opportunity, record the meter reading and replace the seal wherever necessary.

24.4. Liability for Damage:

Where the Licensee establishes that damage to metering equipment has occurred due to any act, omission, negligence or misuse by the Consumer, the Consumer shall bear the cost of repair or replacement.

25.0. Billing and Payment of Charges:

25.1. Tariff and Charges:

The Licensee shall recover charges for supply of electricity in accordance with the tariff and charges approved by the Commission from time to time.

25.2. Charges Recoverable from Consumers:

The Licensee may recover all or any of the following charges from a Consumer:

1. Tariff for supply of electricity as determined by the Commission;
2. Taxes, duties, cess and other statutory levies notified by the Government;
3. In respect of Consumers availing supply through Open Access, applicable wheeling charges, cross-subsidy surcharge, additional surcharge and any other charges approved by the Commission from time to time.
4. Delayed payment charges, excess demand charges, penalties for violation of sanctioned load or contracted demand, and such other charges as may be approved by the Commission from time to time
5. Any other charges approved/notified by the Commission from time to time.

25.3. Multiple Distribution Licensees:

Where more than one Distribution Licensee operates in the same area of supply, the Licensee may recover such tariff as it considers appropriate, subject to the maximum tariff ceiling approved by the Commission.

25.4. Clarification on Tariff:

The Licensee shall promptly provide clarification to a Consumer regarding the tariff applicable to his installation whenever sought.

25.5. Supply of Tariff Schedule:

The Licensee shall, on request and on payment of the prescribed charges~~,~~ provide a copy of the applicable tariff schedule to the Consumer.

25.6. Amendments to the Schedule of Charges:

The Licensee shall submit to the Commission, from time to time amendment to the schedule of charges applicable to various categories of Consumers, including Augmentation Charges, Development of infrastructure of electric line/plant, charges towards the cost of service line up to point of connection. The revised charges shall become effective only upon approval and notification by the Commission.

26.0. Billing Procedure:

26.1. Issue of Bills:

The Licensee shall issue a bill to every Consumer for electricity supplied and other services rendered at such intervals as may be notified by the Licensee.

26.2. Modes of Delivery of Bills:

Bills may be delivered through any of the following modes:

1. By Hand delivery;
2. By Post or courier;
3. By Electronic means namely SMS, Email, etc.,
4. Make the bill available on the website or Mobile App in downloadable format

26.3. Billing Cycle:

The Licensee shall notify the Consumer, of the billing cycle, meter reading date, bill generation date and due date for payment. The Licensee shall adhere to the notified billing schedule.

26.4. Bill issued to a consumer shall contain the following details:

1. Name and address of the consumer, RR No, Account ID and address of the issuing office;
2. Billing period;
3. Type of service and the relevant tariff applicable to the consumer;
4. The dates and readings of current and previous meter readings;
5. consumption during the billing period;
6. Other billing parameters applicable if any, such as contracted demand/sanctioned load, power factor etc.,
7. Applicable charges: fixed demand/minimum charges /energy / taxes / rebate/adjustments/arrears/amount payable towards Additional Security Deposit(ASD) if any;
8. Net amount payable;
9. Wheeling charges and surcharges if any to be shown separately if the Licensee provides only network service;
10. The amount of arrears OR credits outstanding to the Consumer's account;
11. Summary of payment methods;
12. Last date of payment without penalty;
13. Details of additional charges such as interest and penalties if any;
14. Action for non-payment after the due date;
15. Contact telephone number of Consumer Service Centre of the Licensee if available OR any contact telephone number for the Consumer to call if they have any queries relating to the bill;
16. Designation and address of authorities of the Licensee with whom complaints/grievances of the Consumer to be lodged;
17. Contact details of Consumer Grievance Redressal Forum and Ombudsman;
18. In respect of Smart Meters/Trivector with AMR facility/Static Meters with AMR facility, total number of interruptions, total hours of interruptions. The details of each of the interruptions shall be provided on the website in a down loadable format;
19. Any other charges as approved/notified;

20. In the case of solar prosumer bill, in addition to the above, the bill shall contain the solar generation, quantity of energy export/import, net energy consumption.

26.5. Basis of Billing:

1. Billing shall ordinarily be based on actual meter readings.
2. In the case of unmetered services, billing shall be carried out in accordance with procedures approved by the Commission.
3. For installations with meters having provision of recording Maximum Demand (MD) under Demand-based Tariff, billing shall be based on the higher of the sanctioned load or recorded MD.
4. For other cases with meters having no provision of recording MD, billing shall be based on the higher of the connected load, rated load, or sanctioned load.

26.6. Automatic increase in the contracted demand / sanctioned load of installations other than Domestic:

1. In respect of all category of installations, except for domestic Installations, if the maximum demand recorded by the electronic trivector (ETV) meter/ static meter/smart meter exceeds the contracted demand/ sanctioned load in a month, the bill, for that billing cycle, shall be calculated at 2 (two) times the tariff applicable for the extra recorded demand over and above the contracted demand/sanctioned load. This shall not be treated as unauthorised use of supply.

2. The consumers shall be informed of this change in calculation through short message service or mobile app.

3. In case of increase in recorded maximum demand, at least 3 (three) times during a financial year, the lowest of such increased monthly maximum demand, shall be considered as the revised sanctioned load, and the same shall be automatically considered for levying fixed charges / demand charges from the billing cycle in next financial year.

26.7. Fixed charges for domestic installations:

1. For installations provided with static meters or electronic tri-vector meters/smart meters, the fixed charges shall be based on the maximum demand recorded in a billing period or sanctioned load whichever is higher.
2. For installations provided with electro mechanical meters or static meters without provision for recording maximum demand, fixed charges shall be based on the sanctioned load if the load limiter is in good working condition. Fixed charges shall be the higher of the sanctioned load or connected load if the load limiter is not in good working condition.

3. The Domestic consumer shall pay 1and ½ (one and half) times the tariff applicable for the recorded demand over and above the sanctioned load or noticed demand in the billing period(s). This shall not be treated as unauthorised use of supply.

4. If the recorded maximum demand in the case of electronic trivector meter/static meter/smart meter is increased at least 3 (three) times during a financial year, the lowest of such increased monthly maximum demand, shall be considered as the revised sanctioned load. Such revised sanctioned load shall be automatically considered for levying fixed charges from the billing cycle in next financial year.

26.8. Billing of demand charges in case of replacement of Electro Mechanical Meter by ETV meter /Static meter/ Smart meter:

1. In the first billing month following the replacement of the electromechanical meter, if the recorded MD exceeds the contracted demand/sanctioned load, the consumer shall be billed for the extra recorded demand over and above the contracted demand/sanctioned load, such extra demand shall be charged at 1 & ½ (one and half) times in the case of Domestic Installations and 2 (two) times in the case of installations other than domestic at the applicable tariff for that month. This shall not be treated as unauthorised use of supply.

2. From the subsequent month onwards, the extra charges shall be levied only for the month in which the excess demand over and above the contracted demand/sanctioned load occurs.

   Provided that, If the recorded maximum demand is increased at least 3 (three) times during a financial year, the lowest of such increased monthly maximum demand, shall be considered as the revised sanctioned load. Such revised sanctioned load shall be automatically considered for levying fixed charges from the billing cycle in next financial year.

26.9. Billing of maximum demand in case of EHT Installations with Smart Meters/ETV Meters/Static Meters:

In case of EHT Consumer having interconnected network internally with one or more EHT installations of the same Consumer located in different places in the city, for exceeding maximum demand recorded over and above the Contracted Demand on account of changeover of power supply from regular source (one end installation of the same Consumer) to alternate source (other end installation of the same Consumer), due to failure of supply form regular sources, extra demand charges shall not be levied. The excess load so recorded does not amount to unauthorised use of supply.

Provided that, in such cases, the overall Contracted Demand from all the EHT installations of the same Consumer put together, shall be reckoned as Contracted Demand for the purpose of levy of charges towards increase in maximum demand.

Provided also that, at any time, the total Contracted Demand from all such installations of the Consumer put together, is exceeded, then the demand charges at 2 (two) times the applicable tariff shall be levied on the quantum of excess recorded demand for that month.

26.10. Payment of Bills:

1. Bills shall be payable through payments modes approved by the Licensee.
2. The Licensee shall publicize all accepted modes of payment.

3. The due date for payment shall be 15 (fifteen) days from the actual meter reading date.
4. Where the due date falls on a public holiday, the next working day shall be treated as the due date.
5. The Consumer shall pay the bill in full.
6. The Licensee shall issue proof of payment.
7. Dishonour of any payment instrument shall be treated as non-payment.
8. The Licensee may permit payment of arrears in instalments, subject to payment of delayed payment charges.
9. Instalment facility may be denied to habitual defaulters.
10. In the case of non-payment of bill, supply may be disconnected after giving not less than 15 (fifteen) clear days' notice after the due date.

26.11. Delayed Payment Charges:

Delayed payment charges shall be levied at the rate approved by the Commission for the actual days of delay.

26.12. Advance Payment:

The Consumer may make advance payment towards future electricity charges. The Licensee may provide incentives for advance payments in accordance with the orders issued by the Commission from time to time.

26.13. Priority for adjustment of Payments:

Payments received shall be appropriated in the following order of priority:

a) Interest on electricity tax arrears;
b) Electricity tax arrears;
c) Interest on electricity charge arrears;
d) Electricity charge arrears;
e) Current month’s dues.

26.14. Disputed Bills:

1. Apparent errors in bills shall be corrected within 24 (twenty-four) hours where no further verification is required.
2. Where detailed verification is required, the Licensee shall review the bill within 7 (seven) days and issue revised bill.

3. If the Consumer has been undercharged, the Licensee may recover the amount through a separate bill or by showing it separately as dues in the next bill, allowing at least 30(thirty) days for payment. For such dues interest charges are not payable by the consumer.
4. Where a Consumer raises disputes on a bill and deposits under protest an amount claimed by the Licensee or an amount equivalent to average electricity charges for the preceding 6 (six) months, whichever is lower, the Licensee shall not disconnect supply pending disposal of the dispute.
5. The Consumer shall be informed of the right to approach the Consumer Grievance Redressal Forum and Ombudsman against the decision of the Licensee.

26.15. Billing in Case of Defective or Non-Recording of Meter:

1. During the inspection / testing by the Licensee, if the meter is found to be not recording, the Consumer shall be billed for a period of not more than 6 (six) billing months preceding the date of inspection / testing and up to the date of replacement or rectification of the meter on the basis of the average energy consumption of the immediately preceding 3(three) billing months when the meter was recording properly in addition to demand / fixed charges.

   Provided that, where the recorded consumption is not available fully for 3(three) preceding billing months, the available consumption of such lesser period shall be deemed to be sufficient for computing the consumption.

   Provided further that, consumption of at least one full billing period is clearly established.

2. Notwithstanding the above, where it is established that the meter is out of order only for a few days in a billing period, the consumption for such period shall be computed on pro-rata basis of the consumption recorded for the remaining number of days in a billing month.

3. In case the maximum demand (MD) meter of an installation is found to be faulty or not recording properly or not recording at all, the maximum demand shall be billed on the basis of the highest demand recorded in the immediately preceding 3(three) billing months during which period maximum demand (MD) meter was recording correctly.

4. In the event of meter going out of order on any day before the first meter reading date after the installation is serviced the revenue demand shall be computed as per the Table 4 and Table 5 indicated below, subject to the condition that, the consumption for that period being subsequently regulated taking into account of the average of 3 (three) months' consumption after a working meter is installed.

   The fixed charges shall be computed based on the sanctioned load and energy charges shall be calculated per month as indicated below:

Table 4: LOW TENSION SUPPLY:

Type of installation	Consumption charges
i) Non-commercial Lights & fans, etc., and Non-commercial Combined lighting and heating	10 units per 250 Watts or part thereof of sanctioned load Upto1kW and 100 units per kW or part thereof of sanctioned load above 1 kW
ii) Commercial Lighting	20 units per 250 watts or part thereof of a sanctioned load.
Iii) I.P. sets of metered Category	60 units per HP or part thereof of sanctioned load
iv) All other installations	135 units per kW or part thereof of sanctioned load per shift

Table 5: HT/EHT Supply

Type of installation	Consumption charges
i) Lift Irrigation Scheme:	Applicable Demand charges plus energy charges based on 100 units per kVA of contracted demand per month.
ii) All other installations:	Applicable Demand charges plus energy charges based on 100 units per kVA of contracted demand per shift per month.

Provided that, in case of I.P. set installations, the billing for the period in which the meter has not recorded, shall be on the basis of Demand / consumption during the corresponding months of the preceding year when the meter was recording.

5. All complaints relating to meters shall be attended to by the Licensee adhering to the timelines specified in the KERC (Rights of Consumers Relating to Supply of Electricity, Standards of Performance (SoP) and allied matters), Regulations, 2022 and its Amendments thereof.

26.16. Time for Issue of Bill:

Every electricity bill issued by the Licensee shall clearly indicate the exact date and time of generation/issuance of the bill through proper system generated printing or time stamping.

If the meter is not read on the originally scheduled meter reading date, the due date for payment shall be reckoned strictly from the actual date of generation/issuance of the bill and not from the originally scheduled billing date. In all cases where an electricity bill is issued after the originally scheduled billing date, in such cases, the Licensee shall ensure that a minimum period of 15 (fifteen) clear days shall be allowed to the consumer from the actual date of issuance of the bill for payment thereof, notwithstanding the scheduled meter reading date.

26.17. Adjustment of Erroneous Bills:

1. At any time during verification of the Consumer's account, if any short claims caused by erroneous billing are noticed, the licensee shall raise supplemental bills and the Consumer is liable to pay such bill.

2. **Supplemental Claims:** For preferring the supplemental claims, the Licensee shall serve a provisional Assessment order with 15 (fifteen) days' notice to the Consumer to file his objections, if any, against the provisional Assessment order. After considering the objections of the Consumer, the Licensee shall issue the final order. The Consumer shall be intimated to make the payment within 15(fifteen) days of the date of intimation, failing which, the power supply to the installation shall be disconnected and such amount shall be deemed to be

arrears of electricity charges. The Licensee shall indicate in the final order, the provisions of KERC (Consumer Grievance Redressal Form and Ombudsman) Regulations, 2004 and its Amendments from time to time.

Provided that, if the due date happens to be a holiday for the issue, the next working day shall be deemed to be the due date.

Provided further that, any complaint with regard to errors in the bill shall be made either in person OR in writing to the office of issue and the amount of such bill shall be paid under protest within the due date. The Licensee shall accept the payment, if the payment is made under protest.

3. The Licensee shall not recover any arrears after a period of 2 (two) years from the date when such sum became first due, unless such sum has been shown continuously in the bill as recoverable as arrears of the charges of electricity supplied.

   Provided that, in case, the verification of the Consumer's account shows excess claims made in the past, the excess amount shall be credited to the Consumer's account along with the interest at Bank Rate from the date of payment up to the date of credit. This shall be done within 1(one) month from the date of knowledge of the Licensee about the excess claims. If for any reason there is delay in crediting the amount to the Consumer's account, interest at 1% (one percent) per month shall be paid to the Consumer for the period beyond 1 (one) month.

26.18. Special Meter Reading on Request:

1. A Consumer may request a special meter reading in the event of vacation, transfer or change of occupancy of premises by paying the specified fee.
2. Such request shall be made at least 7 (seven) days in advance.
3. The Licensee shall take the meter reading and issue a final bill.

4. Once the final bill is issued on the basis of the special reading, no claim shall lie against the Consumer for any prior period except in respect of the amount specified in such final bill.

27.0. Entry into Consumer Premises:

27.1. Entry During Working Hours:

The Licensee or its employees or authorized representatives shall ordinarily visit Consumer premises only during reasonable working hours, except in emergencies or with the consent of the Consumer.

27.2. Identification and Purpose of Visit:

Every employee or authorized representative of the Licensee seeking entry into Consumer premises shall:

1. Carry and produce valid identity credentials;
2. Inform the Consumer of the purpose of the visit; and
3. Produce written authorization whenever required.

27.3. Right of Entry:

Subject to the provisions of the Electricity Act, 2003 and these Regulations, the Licensee or its authorized representative may enter any premises where electricity is supplied, or any premises through which its electrical lines or equipment pass, for the purpose of:

1. Inspection, testing, maintenance, repair, replacement or alteration of electrical lines, meters and equipment;
2. Meter reading and verification of electricity consumption;
3. Removal of service lines, meters or equipment where supply has been disconnected or is no longer required;
4. Investigation of complaints, defects, theft, unauthorized use or safety-related issues.

27.4. Entry Pursuant to Special Order:

Where required under law, the Licensee may enter any consumer premises pursuant to an order of a competent authority after giving not less than 24 (twenty-four) hours' notice to the owner or occupier.

27.5. Refusal of Entry:

If a Consumer refuses entry or fails to provide reasonable access for carrying out activities authorized under these Regulations, the Licensee may, after giving 24 (twenty-four) hours' notice, disconnect the supply until such access is provided.

28.0. Disconnection/Re-connection of Supply and Notice to the Consumer:

28.1. Grounds for Disconnection:

The Licensee shall not disconnect electricity supply except under any of the following circumstances:

a) Upon written request of the Consumer;
b) Pursuant to an order of a competent authority;
c) Violation of the provisions of the Act, Rules and these Regulations;
d) Existence of a condition likely to endanger life, property or public safety;
e) Non-compliance of the Consumer's installation with applicable safety requirements;
f) Failure to provide or replenish Security Deposit as required under these Regulations;
g) Non-payment of electricity dues;
h) Tampering, unauthorized interference, damage to Licensee's equipment or refusal of access as provided under these Regulations.

28.2. Notice Before Disconnection:

Except in cases where immediate disconnection is permitted under law for safety, theft or unauthorized use of electricity, the Licensee shall give prior notice before disconnection in accordance with these Regulations. The Licensee shall maintain records of all disconnections and shall communicate the reasons for disconnection to the Consumer.

28.3. Reconnection of Supply:

1. **Reconnection After Payment of Dues:**

   Where supply has been disconnected due to non-payment of dues or failure to maintain Security Deposit, the Licensee, upon payment of dues, shall reconnect supply within the time specified under the KERC (Rights of Consumer Relating to Supply of Electricity, Standards of Performance (SoP) and allied matters), Regulations, 2022 and its Amendments thereof.

2. **Reconnection after Rectification of Defects**

   Where supply has been disconnected due to safety violations, defective installations or other technical reasons, reconnection shall be effected after the Consumer rectifies such defects.

3. **Reconnection Charges:**

   The Licensee may recover reconnection charges approved by the Commission.

4. **Restoration of Supply:**

   The Licensee shall restore supply expeditiously after the conditions leading to disconnection have been satisfactorily remedied.

28.4. Notices to Consumers:

1. **General Requirements:**

   All notices issued by the Licensee under these Regulations shall:

   a) Be in writing;

   b) Be clear, concise and in plain language;

   c) Be issued in Kannada and English;

   d) Specify the reasons for the notice and the action proposed to be taken;

   e) Provide details of the office or officer to be contacted for clarification or redressal.

2. **Modes of Service of Notice:**

   Any notice under these Regulations may be served through any of the following modes:

   a) Hand delivery to the Consumer or an adult occupant of the premises;

   b) By Registered post, Speed Post, courier or any similar service;

c) Electronic means, including e-mail, SMS, mobile application or any other digital modes capable of providing proof of delivery;
d) Affixture at a conspicuous place in the premises where service of notice through the above modes is not reasonably practicable.

3. **Notice Prior to Disconnection for Non-Payment:**

   The notice issued for non-payment of dues shall clearly indicate:

   a) the amount outstanding and the period to which it relates;
   b) the due date for payment;
   c) the proposed date of disconnection in the event of non-payment;
   d) the available modes of payment;
   e) availability of instalment facility, wherever applicable;
   f) contact details of the concerned office for clarification or dispute resolution.
   g) service of notice through any mode mentioned above shall be deemed to be sufficient for compliance with the requirements under these Regulations

4. **Consumer's Right to Redressal:**

   Every notice involving billing disputes, disconnection, assessment or other adverse action shall include the right of the consumer to approach:

   a) the designated officer of the Licensee;
   b) the Consumer Grievance Redressal Forum; and
   c) the Electricity Ombudsman, in accordance with the applicable Regulations.

Chapter VIII

Power to Require Security

29.0. Requirement of Security Deposit:

Subject to provisions of section 47 of the Act, a Distribution Licensee may require any person, who requires a supply of electricity to his premises in pursuance of Section 43 of the Act, to give him reasonable security as provided in these Regulations, for the payment of all monies, which may become due to the Licensee:

1. in respect of the electricity supplied to such person; or

2. where any electric line or electrical plant or electric meter is to be provided for supplying electricity to such person, in respect of the provision of such line or plant or meter.

And if such person fails to give such security under the above clause, the Distribution Licensee may, if he thinks fit, refuse to give supply of electricity or to provide the line or plant or meter for the period during which such failure continues.

29.1. Security Deposit for Electricity Supplied:

1. Every applicant seeking an electricity connection shall pay an Initial Security Deposit (ISD) equivalent to the estimated electricity charges for 2(two) months' consumption in case of monthly billing.
2. Every consumer shall, throughout the currency of supply, maintain with the Licensee a Security Deposit equivalent to the estimated electricity charges based on the billing period as specified in these Regulations.

29.2. Computation of Initial Security Deposit (ISD):

The ISD shall include fixed charges or demand charges, Energy charges and fuel surcharge if any as per the tariff order in force from time to time. Electricity Tax, audit short claims, interest, back billing charges, arrears, or any penal charges shall not be considered for calculation of security deposit.

For LT installations fixed charges shall be calculated based on sanctioned load. For HT installations, demand charges shall be calculated based on 100% of the Contracted Demand and Energy charges for LT and HT consumers shall be based on estimated consumption as per the **Table 6** and fuel surcharge, if any, as per the Tariff Order in force from time to time.

Table 6: Energy Charges

Type of installation	**Estimated consumption per month (30 days)**
LT INSTALLATION	
a) (i)Domestic / Non-Domestic, Non Commercial lighting/ Non-commercial combined lighting, heating and power	45 Units per kW of sanctioned load.
b) Commercial Lighting	86 units per kW of sanctioned load.

c) Commercial heating and/or Motive power (LT Industries)	48 units per kW of sanctioned load.
d) Irrigation Pump sets under LT category	100 units per HP of sanctioned load.
e) Public lighting	360 units per kW of sanctioned load.
f) EV charging	100 units per kW
g) Others such as water supply & Sewerage installations, etc which are not covered above.	110 units per kW of sanctioned load.
HT/EHT INSTALLATION	
g) All HT/EHT installations	100 units per kVA of contracted demand.

The Distribution Licensee shall prepare and publish a ready reckoner specifying the ISD payable for various categories of connections and shall provide the same to the applicant along with the application form.

29.3. Consumers Opting for Pre-Payment Meter:

Where a person seeking supply of electricity opts to receive supply through a pre-payment meter, the Distribution Licensee shall not collect Security Deposit for the energy supplied from such person. In cases where a Security Deposit has already been collected, the same shall be refunded in accordance with these Regulations/ Karnataka Electricity Regulatory Commission (Pre-paid Smart Metering) Regulations, 2024 and its Amendments from time to time.

29.4. Security deposit for Additional Demand / Load:

Where an existing consumer seeks sanction for additional demand or load, the Initial Security Deposit (ISD) shall be collected only to the extent of such additional demand or load.

29.5. Demand or Refund of Additional Security Deposit (ASD):

1. The Licensee shall review the adequacy of the Security Deposit of all consumers during the first quarter of every calendar year, based on the average electricity consumption and billing for the preceding calendar year.

2. Based on review, the Licensee may demand Additional Security Deposit (ASD) where the existing deposit is insufficient, or refund the excess Security Deposit where the deposit held exceeds the required amount.

3. Where the Consumer is required to pay Additional Security Deposit, the Licensee shall serve a minimum 30 (thirty) days' notice containing necessary particulars effective from 1st day of April of that year. The notice shall indicate that in case the ASD is not paid within 30 (thirty) days, the installation shall be liable for disconnection. In case, the Consumer has any objections for the said demand, he may file his objections within 7 (seven) days from the date of receipt of such demand notice. The amount of ASD demanded may be revised based on the information, if any, furnished by the Consumer. The Licensee shall furnish all the necessary details to justify the claim of ASD within 7 (seven) days of the receipt of objections. In case of revised demand, the payment shall be made within 15 (fifteen) days of the date of revised demand.

4. The Licensee shall upload on its website the detailed calculations of the ASD payable by the Consumers in their account in a downloadable format.

5. Any refund or recovery under these Regulations shall be rounded off to the nearest Rs.10.

29.6. Meter Security Deposit (MSD):

Meter security deposit is payable at the time of servicing of all new installations towards the meter / metering equipment at the rates as per schedule of rates notified by the Licensee from time to time except in respect of I.P. Set installations up to and inclusive of 10 H.P. under LT 4(a) category.

Provided that, in respect of existing installations where MSD is not collected, MSD shall be collected at the prevailing schedule of rates whenever the meter is replaced.

Provided further that, Meter Security Deposit shall not be collected if the consumer opts to purchase the meter.

29.7. Mode of Payment of Security Deposit:

The Initial Security Deposit (ISD)/ Additional Security Deposit (ASD)/Meter Security Deposit (MSD) shall be payable in any mode as notified by the Licensee.

29.8. Disconnection for Non-payment of Security Deposit:

Where a consumer fails to pay the Security Deposit demanded under these regulations within the stipulated period, the Licensee may disconnect the electricity supply to the installation without further notice. Any amount remaining unpaid towards such Security Deposit shall thereafter be treated as arrears of electricity charges.

29.9. Payment of Interest on Security Deposit:

1. The Licensee shall pay interest on the Security Deposit (ISD, ASD and Meter Security Deposit) held in respect of each consumer at the Bank Rate prevailing as on 1st April of the relevant financial year.

2. The interest accrued for each financial year shall be credited to the consumer's account during the first quarter of the succeeding financial year and adjusted against the electricity charges payable by the consumer. The details of the Security Deposit and interest credited shall be intimated to the consumer through the electricity bill.

3. In respect of Additional Security Deposit (ASD) or any other Security Deposit collected during the course of the year, interest shall be calculated from the month succeeding the month of collection. In the case of new installations, interest shall be calculated from the month succeeding the month in which supply is released.

4. Interest shall be payable on the Security Deposit held against each R.R. Number irrespective of the amount of deposit, and the amount of interest payable shall be rounded off to the nearest Rupee.

Chapter IX

Rating, Conversion and Transfer of Installations

30.0. Rating of Installations:

1. Applicable to LT, HT, and EHT installations other than domestic installations.
2. All LT installations shall be subject to periodic or surprise inspection for the purpose of rating by the Licensee's qualified Engineer to assess power factor, and confirm the correctness of meter. The Consumer shall provide necessary access and facilities for such rating.
3. The Licensee shall conduct rating using electronic testing equipment with printing facility to record the test readings, meter error, date, time, and RR number.

30.1. Rating at Consumer's Request:

The Consumer may request rating by the Licensee on payment of the specified fee as per Schedule, in the following cases:

1. Addition or alteration of connected machinery/equipment;
2. Dispute regarding rating by the Licensee.

30.2. Rating on consumers request or otherwise shall be conducted in the presence of the Consumer or his authorized representative. The rating report shall be signed by both parties, acknowledging the results and receipt of a copy.

30.3. Effective Date of Rating:

For ratings conducted by the Licensee or at the request of the consumer, the effect shall take place from the next meter reading date following the rating.

In case of any discrepancy, the provisions under Chapter X of these Regulations shall be applicable.

31.0. Fixed/Demand Charges payable during the currency of supply:

The consumers shall be liable to pay fixed/demand charges as per the prevailing Tariff until surrender of the installation, regardless of whether the installation is in service or disconnected.

31.1. Termination of Supply by Notice:

If an installation is under disconnection for non-payment of dues for a continuous period of not less than 2 (two) months, the Licensee shall serve 1 (one) month's notice to the Consumer to get the installation reconnected after payment of dues, failing which the power supply shall be deemed to have been duly terminated on the date of expiry of the said notice, without prejudice to the right of the Licensee to recover forthwith all dues in accordance with Law.

Provided that, upon termination of supply, the Licensee shall take final meter reading, issue final bill, dismantle supply lines, and refund balance ISD, ASD, and MSD after adjustments of dues if any within a period of 7 (seven) days.

Provided further that, the charges collected towards the Development of Infrastructure and the service line shall not be refunded.

32.0. Surrender of Power Supply:

1. During the currency of supply the Consumer is at liberty to request for permanent disconnection of power supply by giving at least 1 (one) month's advance Notice. On expiry of the notice period, the installation shall be disconnected forthwith.

   Provided that, the Consumer shall clear the outstanding arrears before the installation is disconnected on permanent basis.

   Provided further that, the Licensee shall refund ISD, ASD and MSD (if any) after adjustment of dues, if any, within 7 (seven) days from the date of permanent disconnection failing which interest at 1 %(one percent) per month shall be payable on the ISD, ASD and MSD for the actual days of delay.

   Provided also that, the consumer shall not be liable to pay any charges on expiry of the notice period.

   Provided also that, in the case of request for surrender of the installation(s) for demolition of the building, by the legal heirs of the deceased person in whose name the installation has been serviced, the Licensee shall approve the surrender without insisting for transfer of the installations in their names for the purpose of surrender of Installation.

2. The officers authorized to sanction permanent supply may also approve permanent surrender upon the Consumer's written undertaking as per Annex-3 subject to following due procedure.

33.0. Reduction in Contracted Demand / Sanctioned Load and Temporary Reduction:

1. Consumers may apply for reduction of contracted demand/sanctioned load. The reduction in Contracted demand/sanctioned load shall be approved in accordance with these Regulations. In such cases, the Applicant shall pay applicable registration-cum-processing fee.
2. The reduction shall take effect from the next meter reading date following one month from the date of registration of the application.
   Provided that, if the application is made before 15 (fifteen) days of the meter reading date, the reduction shall take effect from the immediate next meter reading date.
3. Temporary reduction may be permitted for a maximum period of 6 (six) months in a financial year, subject to compliance of provisions under these Regulations/Tariff Order in force.
4. The officers authorised to sanction permanent supply may also approve such reductions in load.

33.1. Refund of Security Deposit in case of reduction in contracted Demand/Sanctioned load:

Where the Contracted demand / Sanctioned load is reduced, the Security Deposit shall be recalculated for the reduced Contracted demand / Sanctioned load on a pro-rata basis on average monthly bill of the preceding calendar year. Any excess Security Deposit, if any, shall be refunded to the Consumer, within 1 (one) month from the date of approval of reduction of Contracted demand / Sanctioned load.

In case, the amount due to the Consumer is not refunded within 1 (one) month from the date of approval, the Licensee shall pay interest at 1%(one Percent) per month on actual number of days of delay on the amount due for refund.

34.0. Shifting of Installations:

Shifting of all category of installations within the jurisdiction of the Distribution Licensee may be permitted, subject to technical feasibility, clearance of arrears and collection of necessary charges specified in these Regulations.

Provided that, the cost of shifting shall be borne by the Consumer.

35.0. Conversion of Tariff Category (Change in Tariff Use)

35.1. Conversion Without Load Change:

The Licensee may permit conversion of tariff category from one usage type to another on the application by the consumer subject to:

1. Payment of additional deposits if any;
2. Submission of statutory clearance if applicable;
3. In case of LT installations if the sanctioned load does not exceed 150kW having voltage less than 650 volts, shall be inspected, tested and self certified by the owner of the installation, for ensuring observance of safety measures as per CEA (Measures relating to Safety and Electricity) Regulations, 2023, notified by the Government of Karnataka from time to time, if there is any change in the wiring.
4. Payment of conversion charges as per Schedule.

35.2. Conversion from HT/EHT to LT:

1. On the request of the consumer, conversion from HT/EHT to LT may be permitted if the load is up to and inclusive of 150 kW /176 kVA/ 201 HP subject to compliance of all requirements for LT supply. In such cases, if the sanctioned load does not exceed 150 kW having voltage less than 650 volts, shall be inspected, tested and self-certified by the owner of the installation, for ensuring observance of safety measures as per CEA (Measures relating to Safety and Electricity) Regulations, 2023, notified by the Government of Karnataka from time to time, if there is any change in the wiring.

2. Applicable charges including supervision charges on the cost of modification work required and installation of LT metering shall be paid to the Licensee as estimated by the Licensee

   Provided that, the LT tariff shall be applicable from the meter reading date following the date of service on LT.

   Provided further that the Consumer shall be allowed to use the existing Transformer with associated LT service Line, LT switch gear and associated equipment/ Materials installed by the HT/EHT Consumer at his cost.
   In such cases, the Licensee shall take the existing Transformer with associated LT service Line, LT switch gear and associated equipment/ Materials provided under self-execution by the applicant/consumer, at free of cost for the purpose of maintenance.

35.3. Conversion from LT to HT/EHT:

Conversion from LT to HT/EHT may be permitted on the request of consumer subject to compliance with all HT supply requirements, Electrical Inspectorate approval, payment of applicable charges and installation of HT metering cubicle.

Provided that, the Distribution Transformer, connected lines and LT Switch gear / allied equipment installed by the LT Consumer at his cost shall be allowed to be retained by such Consumer. In such cases, the Consumer shall pay supervision charges on the cost of modification work required if any, for permitting HT/EHT installation as estimated by the Licensee.
In such cases, the HT/EHT line/UG cable and allied equipment provided by the applicant/consumer under self-execution shall be handed over to the Licensee at free of cost, for the purpose of maintenance.

36.0. Transfer of Installation (Change of Name):

36.1. Conditions for Transfer:

1. An Installation can be transferred from one consumer to another person on the basis of the request by the applicant. The transferee shall produce Aadhaar number with Aadhaar e-KYC authentication and any of the following documents in proof of the ownership of the premises.

a) Registered sale deed;
b) Registered partition deed;
c) Registered gift deed;
d) E-khata/Khata wherever applicable;
e) Letters of administration, probate or heirship certificate issued by the Competent Authority or Registered deed of last will.

2. The transferee shall produce Aadhaar number with Aadhaar e-KYC authentication and any of the following documents in proof of his occupation of the premises relating to such Installation.
   a) Lease or rent deed or deed of licence and a consent letter from the existing registered consumer for transferring the installation and the deposits held in his name to the transferee. If such consent letter is not produced the transferee shall pay fresh deposits as if he is a new consumer.
   b) In the absence of any consent letter from the existing registered consumer as stated in schedule an indemnity bond as per Annex-2 shall be executed by the transferee indemnifying the licensee against all disputes that may arise out of such transfer.
3. There shall be no arrears outstanding against the installation.
4. The transferee shall undertake to pay any dues that may arise due to any short claims detected at a later date even in respect of periods prior to the date of transfer.
5. The transferee shall pay transfer fee as specified under Schedule
6. The transferee shall furnish photocopy of clearance issued in his favour by local authority if such clearance is required under any statute.

37.0. Restrictions on Use of Power:

The Licensee may impose restrictions on power usage at any time due to system constraints or at times of shortage. During such restrictions, any excess consumption over the restricted level may attract deterrent charges as may be stipulated from time to time besides the installation may be subjected to disconnection without notice.

38.0. Recovery of Dues:

Consumers failing to pay dues are liable for recovery proceedings under the Karnataka Land Revenue Act and the Rules framed thereunder, notwithstanding disconnection of supply.

Chapter X

Unauthorised use of Supply

39.0. Unauthorised load in installation(s) with electro mechanical meter(s) for other than domestic installations:

1. If at any time, during inspection by the assessing officer found that the connected load of an installation exceeds the sanctioned load, OR if the rated load at any time is in excess of the sanctioned load / contracted demand, assessment shall be made at 2 (two) times the applicable tariff for the entire period of such unauthorized use.
2. In case, period of such unauthorised use cannot be determined, penal charges shall be applicable up to a maximum period of 12 (twelve) months immediately preceding the date of inspection.

40.0. Misuse of Electricity:

1. **Use under Higher Tariff Category:**

   a. On inspection by the Assessing officer, where a consumer is found to use electricity for the purposes attracting a higher tariff than the applicable tariff category, the assessment shall be made for the quantum of energy and difference in fixed charges for the entire period of misuse of electricity, at 2 (two) times the applicable tariff.

   Provided that, if it is not possible to determine the duration of the misuse of electricity, the assessment period shall be limited to a maximum period of 12 (twelve) months preceding the date of inspection.

b. From the date of detection of misuse of electricity, till such time the misuse is discontinued and reported by the Consumer to the Licensee in writing, such penal charges shall be applicable.

2. Unauthorised Extension of Supply:

On inspection of the licensee, the energy supplied to a Consumer is found to be extended beyond the premises of the consumer to any other premises, without authorisation from the licensee, the installation shall be disconnected forthwith. The installation shall be reconnected only after unauthorized extension of supply is removed and reported by the Consumer. The assessing officer of the Licensee shall assess the quantum of energy and excess load of such unauthorised extension of supply, if any, and issue bill for that quantum so extended for the entire period at 2 (two) times the applicable tariff.

Provided that, if it is not possible to determine the duration of the unauthorized load, the assessment period shall be limited to a maximum period of 12 (twelve) months preceding the date of inspection.

Provided further that, in respect of installations including temporary installations which are in service for not more than 6(six) months, the maximum period specified above may be suitably reduced keeping in view the date of service.

41.0. Procedure for issuing Assessment order applicable to above clauses 39 and 40:

1. The Assessing officer shall serve a provisional assessment order indicating the demand to the concerned person within 3 (three) days from the date of inspection.
2. The person, on whom the order of provisional assessment has been served 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 30 (thirty) days from the date of service of such order of provisional assessment, of the electricity charges payable by such person.

3. Any person served with the order of provisional assessment, may accept such assessment and deposit the assessed amount with the Licensee within 7(seven) days of service of such provisional assessment order upon him.
4. All penalties assessed under the above clauses shall be payable within thirty (30) days from the date of intimation of final order of assessment. Failure to make payment within the specified period shall lead to disconnection of supply, and the amount payable shall be treated as arrears of energy charges recoverable as per law.
5. The right of the Consumers to prefer an appeal under Section 127 of the Act shall be included in the final assessment order.
6. Interest at 16 % (sixteen percent) per annum compounded every 6 (six) months, shall be charged on any sum remaining unpaid after the due date.

42.0. Filing of Appeal against the final assessment order before the Appellate Authority:

42.1. Right to Appeal:

Any person aggrieved by a final order of assessment made by the Assessing Officer under Section 126 of the Electricity Act, 2003 may prefer an appeal before the Appellate Authority within thirty (30) days from the date of receipt of the final assessment order.

42.2. Form of Appeal:

The appeal shall be filed in the form specified in the Annex-4 to these Regulations along with a copy of the final Assessment Order.

42.3. Signing and Verification:

The Memorandum of Appeal shall be signed and verified by the Appellant or by a duly authorised representative in the manner specified in Annex-4.

42.4. Appeal Fee:

Every appeal shall be accompanied by the specified appeal fee as per Schedule.

42.5. Deposit of Assessed Amount:

No appeal against an assessment order made under Section 126 of the Electricity Act, 2003 shall be entertained by the Appellate Authority unless the Appellant has deposited with the Licensee an amount equal to 1/2 (half) of the assessed amount as required under Section 127 of the Act.

Documentary evidence of such deposit shall be enclosed along with the Memorandum of Appeal.

42.6. Appellate Authorities for the purposes of Section 127 of the Act shall be as per Government Notification No: EN 52 PSR 2007, dated: 22.05.2007 and the Notifications issued by the Government from time to time.

42.7. The order of the Appellate Authority on the appeal filed by the aggrieved person on final assessment order shall be final.

43.0. Decision to be in writing:

All decisions of the Licensee in respect of these Regulations shall be in writing.

44.0. Theft of Electricity:

1. Where it is prima-facie established to the satisfaction of the officer authorized by the State Government in this behalf under Section 135 of the Electricity Act 2003 that the person / Consumer or his agent, servant etc., has committed / is committing theft of Electricity as provided in section 135 of the Electricity Act 2003, he shall immediately report the fact to the officer authorised under subsection 1A of section 135 of the Act for immediate disconnection of supply.

2. In such cases, the Authorized officer shall draw mahazar at the time of inspection when theft of electricity is detected, the mahazar shall be drawn in the presence of the Person/Consumer or his representative along with two other witnesses who shall sign the mahazar report. One copy of such report shall be handed over under acknowledgment of the Consumer or his representative.

3. The authorized officer shall estimate the value of the electricity thus abstracted, used or wasted or diverted, in accordance with the calculation indicated in Table **7** of this Clause at 2 (two) times the tariff applicable to such category of installation for the entire period during such use of electricity has taken place.

4. In case the period during such use of electricity has taken place cannot be ascertained, such period shall be limited to a period of 12 (twelve) months immediately preceding the date of inspection.

5. **In the case of LT installation(s):** Units per month per kW of connected load as found during inspection or the sanctioned load, whichever is higher shall be taken for preferring the back billing charges.

Table 7:

For Estimating the Electricity Dishonestly Abstracted Used, Wasted or Diverted

Sl. No	Type of installation	Units/Month/kW
1	Non-Commercial Lighting	90 Units
2	Non-Commercial combined lighting, heating & Power (AEH)	120 Units
3	Commercial lighting / heating / Power	240 Units
4	I.P. Sets: Open Wells	180 Units
5	I.P. Sets: River, Stream, Nalla or Bore-well.	360 Units
6	EV Charging Stations	160 units
7	Industrial & other LT Installations not covered Under 1 to 6 above	150 Units per shift

6. **In the case of H.T. installations:** Maximum demand on the basis of the actual highest Maximum Demand recorded during any of the previous 24 (Twenty-four) billing months immediately preceding the date of inspection or the contracted demand, whichever is higher, plus energy at 140 units per kVA of Maximum Demand so assessed per shift.

7. In case there is no recording in the meter during the relevant period is available, energy may be estimated as per the details given in Table 7.

8. If there is any recording in the meter during the relevant period is available, the recorded quantum already billed shall be deducted from the estimated

quantum as per the Table 7 and such difference shall be the electricity dishonestly abstracted, used, wasted or diverted.

9. No theft case shall be booked for breakage of window glass or seal of the energy meter when it is concluded that the consumption pattern for the last 12(twelve) months is reasonably uniform OR is not less than 50%(fifty percent) of the estimated consumption as per the Table 7 given below unless prima-facie evidence of theft of energy is made out.
10. In the case of theft of electricity as provided under Section 135 of the Act for loss of energy, the assessment shall be carried out as provided under Section 126 of the Act. In such cases, the procedures for assessment of energy specified under clauses 41 shall be followed.

11. If any Consumer obstructs the Authorized officer or Assessing officer from inspecting the premises at any time, to which supply is being given, such officer may disconnect the supply forthwith and without notice and such obstruction shall be a prime-facie proof of prejudicial use of electricity and shall make the Consumer liable to pay the penal charges as specified above.

12. **Compounding of offences.**
    a) Notwithstanding anything contained in the Bharatiya Nagarik Suraksha Sanhita 2023 (46 of 2023), the Government or any officer authorized by it in this behalf may accept 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 as per Section 152 of Act or as notified by Government from time to time.

    b) On payment of the sum of money in accordance with sub- clause (a) above, any person 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.

c) The acceptance of the sum of money for compounding of an offence in accordance with sub-clause (a) above by the Government or an officer empowered in this behalf shall be deemed to amount to an acquittal within the meaning of section 278 of the Bharatiay Nagarik Suraksha Sanhita 2023 (46 of 2023).

d) The Compounding of an offence under sub- clause (a) above shall be allowed only once for any person or Consumer.

e) Any person who is convicted of an offence punishable under the Electricity Act 2003 shall be debarred from getting any supply of energy for a period which may extend to 2 (two) years but which shall not be less than 3 months.

13. The supply may be restored by the Licensee if the Consumer pays the penal charges demanded (compounding charges plus back billing charges) and takes such other action as may be directed by the Licensee.

45.0. Furnishing of Fake / Fraudulent Documents by the Consumer:

If power supply is availed by the Consumer on the basis of fake / fraudulent documents, the Licensee reserves the right to disconnect the installation forthwith and to forfeit the deposits, without prejudice to the recovery of dues, if any.

46.0. Repeal and Savings:

46.1. Repeal:

Upon the coming into force of these Regulations, the following Regulations are hereby repealed;

1. KERC (Electricity Supply) Code, 2004;
2. KERC (Recovery of Expenditure for Supply of Electricity) Regulations, 2004 and amendments thereto;
3. KERC (Interest on Security Deposit) Regulations, 2005 and amendments thereto;
4. KERC (Procedures for filing Appeal Before the Appellate Authority) Regulations, 2005.
5. Conditions of Supply (CoS) of Electricity of Distribution Licensees in the State of Karnataka, 2006 and amendments thereto;

6. KERC (Security Deposit) Regulations, 2007 and amendments thereto;

46.2. Savings:

Notwithstanding such repeal, any action taken, proceedings initiated, orders passed, appeals filed or rights accrued under the repealed provisions shall be deemed to have been validly taken or accrued and shall continue to remain in force unless otherwise inconsistent with these Regulations.

47.0. Power to Issue Directions:

Subject to the provisions of the Electricity Act, 2003 and these Regulations, the Commission may, from time to time, issue such orders, directions, clarifications or practice directions as may be necessary for the effective implementation of these Regulations.

48.0. Power to Remove Difficulties:

If any difficulty arises in giving effect to the provisions of these Regulations, the Commission may issue appropriate orders or directions, consistent with the provisions of the Act and these Regulations, for removing such difficulty.

49.0. Power to Amend:

The Commission may, at any time, add to, vary, alter, modify, amend or repeal any provision of these Regulations in accordance with the provisions of the Electricity Act, 2003.

50.0. Interpretation:

In the event of any question relating to the interpretation of these Regulations, the decision of the Commission shall be final and binding, subject to the provisions of the Electricity Act, 2003.

By Orders of the Commission,

Secretary
for Karnataka Electricity Regulatory Commission

Schedule

The Applicant/Consumer shall pay the applicable charges as per Schedule. The Schedule of charges are applicable as per the Notification issued by the Commission from time to time.

1. **Schedule of charges:**

I. Application Registration / Reregistration Cum Processing Fee		
Sl. No.	**Category**	**Amount in Rs.**
1	Domestic / Non-Commercial Lighting	50
2	Domestic combined lighting & heating (AEH) / Non-Commercial/ Non-Domestic combined lighting & heating.	100
3	Commercial Lighting.	100
4	I.P. Sets.	50
5	L.T. Power.	200
6	H.T. Power.	500
7	Commercial / Residential complexes / M.S. Buildings.	As prescribed for each installation of that category as above subject to a minimum of Rs.500 per premises
8	Layouts.	500 per layout
9	Public Lighting.	50
10	EV charging Stations	100
11	Application for reduction of sanctioned load / contracted demand.	As applicable to respective category of power supply as noted above
II. Reconnection Charges in Rupees		
1	Single Phase Domestic installations	50 per installation
2	Three Phase Domestic installations, Single Phase Commercial & Power installations.	100 per installation
3	All LT installations with 3 Phase supply other than Domestic	200 per installation
4	All HT& EHT installations	1000 per installation
III. Charges for Transfer of Installation in Rupees		
1	All LT installations	200 per installation
2	HT/EHT installation	1000 per installation
IV. Service Charges for Issue of N.O.C. for obtaining plan sanction		
1	For each Building where the height of the M.S. building is more than 15 Meters from the center of the road.	Rs.10,000 per Building
2	For layouts where the sites are more than 300 in number	Rs.200 per site or Rs 20,000/- per layout, whichever is higher.
3	For layouts where the sites are 300 in number or less.	Rs.100 per site or Rs 10,000/- per layout, whichever is higher.

V. Charges for Inspection / Testing of Installation in Rupees		
1	Inspection / Testing for servicing a new installation (or for extension or alteration)	For the first test - No charge
2	Subsequent Inspection / testing is warranted due to absence of contractor or his representative or due to defects in wiring of Consumer's premises:	
	i. Domestic/Non-Commercial Lighting / Non- Commercial combined lighting & heating (AEH) / Commercial lighting installation / IP installation and Other LT installations	200
	ii. HT/EHT installations	500
3	Charges for service necessitated due to **conversion** of an installation or additions and/or alterations to an installation	
	i. LT	200
	ii. HT/EHT	500
4	Charges for temporary disconnection at Consumer's request	100
VI. Charges for Testing of Meters in Rupees		
1	Domestic/Non-Commercial Lighting/ Non-Commercial combined lighting & heating (AEH) / Commercial lighting installations	200
2	Any Other LT installations	300
3	All HT/EHT installations	1000
VII. Charges for Rating / Re-Rating of Installation in Rupees		
1	All LT installations	500
2	All HT/EHT installations	1000
VIII. Charges for Furnishing Certified Copies only to the consumer in Rupees		
1	Contractor's completion-cum-test report	20
2	Ledger Extract per Calendar year or part thereof	20
3	Agreement (other than at the time of service)	50
4	Details of Security Deposits held	50
5	Estimate	50
6	Any other correspondence relating to LT/HT/EHT installation	10 per sheet
X. Charges for Non-Realization of Cheque (Cheque Dishonour Fee)		
1	Cheque amount up to and inclusive of Rs. 10,000/-	5% (five percent) of the amount subject to a minimum of Rs. 200/-
2	Cheque amount of Rs.10,001 and up to and inclusive of Rs.1, 00,000/-	3% (three percent) of the amount subject to a minimum of Rs. 1000/-
3	Cheque amount above Rs.1,00,000/-	2% (two percent) of the amount subject to a minimum of Rs. 5000/-
XI. Charges For Shifting of Meter Board / Metering Cubicle per Installation at the Request of the Consumer in Rupees		
1	LT single phase supply	200
2	LT three phase supply	500
3	HT /EHT Supply	1000
XII. Charges For Issue of Bills by Reading of Meter on Request		

Sl. No.	Category	Charges per installation in Rupees
1	LT installation	100
2	HT/EHT installation	250
XIII. Charges For Temporary Installations(non-refundable):		
Sl. No.	**Category**	**Service Charges per installation in Rupees**
1	LT temporary supply	100
2	HT/EHT temporary supply	500

2. **The augmentation charges levied on the contracted demand depending upon the Supply voltage:**

Sl. No.	Contract Demand	Supply Voltage	Charges Payable
1	Above 2,000 kVA and up to and inclusive of 7,500 kVA	11 kV	Rs.8 lakh per MVA
2	Above 7,500 kVA	33 kV	Rs.9 lakh per MVA
3	Above 20,000 kVA	66 kV	Rs.10 lakh per MVA
4	Above 35,000 kVA	110 kV	Rs.12 lakh per MVA

Note:

1. The augmentation charges collected in respect of supply at 66 kV and above voltage levels by the Distribution Licensee shall be transferred to the concerned Transmission Licensee.

2. The consumer may opt to avail supply at any of the above voltage levels even for a lower load, subject to technical feasibility and compliance with the applicable conditions.

3. **Charges applicable for arranging power supply to Cellular Telecommunication Services:**

Sl No.	Areas covered under	Amount
1	Greater Bengaluru Authority, Bengaluru Urban, Bengaluru South & Bengaluru Rural Districts and Bengaluru Development Authority.	Rs. 15,000 per kW
2	in all other places	Rs. 10,000 per kW

4. **Supervision Charges for the Works taken up by the Consumer/Applicant under Self-Execution:**

   The Consumer/Applicant shall pay supervision charges to the Distribution Licensee at 5% (five percent) of the estimated cost, subject to a maximum of Rs.15 (Fifteen) lakh.

5. **Provision for low tension supply except for layouts, applicable to all areas (up to 150 kW/176 kVA/201 HP) - Charges towards the cost of service line up to point of connection:**

   For providing power supply to the applicant under LT category, for all the installation(s) clubbed together in a premises standing in the name of one or more persons, the Distribution Licensee shall recover the charges towards the cost of service line up to point of connection, from the applicant as follows:

I. Applicable for Residential, Commercial, Mixed load, Other than Industrial Loads:

Sl. No.	Requisitioned Load	Charges Payable
1	Up to 3 kW	Nil
2	Above 3 kW up to15 kW	Rs. 1300 per kW
3	Above 15 KW to 25 kW	Rs. 15600 plus Rs. 2600 per kW (for load above 15 kW)
4	Above 25 KW to 35 kW	Rs.41600 plus Rs.15,000 per kW (for load above 25 kW)
5	35 kW up to & inclusive of 150 kW	Rs. 9490 per kW where UG/AB cable is applicable, or Rs. 6880 per kW wherever OH lines are applicable, for the entire requisitioned load.

II. Industrial Loads (up to and inclusive of 150 kW)

Sl. No.	Requisitioned Load	Charges Payable
1	Up to 3 kW	Nil
2	Above 3kW up to 15 kW	Rs.1300 per kW for load above 3 kW
3	15 KW to 25 kW	Rs. 15600 plus Rs. 2600 per kW for load above 15 kW
4	25KW to 50 kW	Rs. 41600 plus Rs.3900 per kW for load above 25 kW
5	50 KW up to & inclusive of 150 kW	Rs.9,490 per kW where UG/AB cable is applicable or Rs.6,880 per kW wherever OH lines are applicable for the entire requisitioned load.

Note: Applicable to both above 5(I) and 5(II).

1. Fractions of kW are rounded off to the next higher kW.
2. For additional load to the existing load is requested, then the charges apply only to the additional load.
3. In Greater Bengaluru Area, Bengaluru Urban, Bengaluru South & Bengaluru Rural Districts and Bengaluru Development Authority, for the load above 3 kW and up to and inclusive of 35kW in respect of Domestic, Commercial and mixed load installations and for the loads 50 kW and above in respect of Industrial installations an additional Rs. 2,000 per kW is payable for UG/AB systems.

6. Charges towards Development of infrastructure of electric line/plant where the infrastructure is not provided up to the terminal pole / feeder pillar that is point of Connection, in case of default by Developer/Applicant.

Sl. No	Wherever overhead line, up to Assessed Load	Wherever UG Cable, up to Assessed Load
1	Rs.8,450 per kW	Rs.21,775 per kW

7. Provision for low tension supply for layouts to all areas – Charges towards the cost of service line up to point of connection:

I. Applicable for Residential, Commercial, Mixed load, Other than Industrial Loads:

Sl. No.	Requisitioned Load	Charges Payable
1	Up to assessed load as applicable	Nil
2	Above assessed load up to15 kW	Rs. 1300 per kW
3	Above 15 KW to 25 kW	Rs. 15600 plus Rs. 2600 per kW (for load above 15 kW)
4	Above 25 KW to 35 kW	Rs.41600 plus Rs.15,000 per kW (for load above 25 kW)
5	35 kW up to & inclusive of 150 kW	Rs. 9490 per kW for UG/AB cable or Rs. 6880 per kW for OH line for the entire requested load

II. Industrial Loads (up to and inclusive of 150 kW)

Sl. No.	Requisitioned Load	Charges Payable
1	Up to 3 kW	Nil
2	Above 3kW up to 15 kW	Rs.1300 per kW for load above 3 kW
3	15 KW to 25 kW	Rs. 15600 plus Rs. 2600 per kW for load above 15 kW
4	25KW to 50 kW	Rs. 41600 plus Rs.3900 per kW for load above 25 kW

5	50 KW up to & inclusive of 150 kW	Rs.9,490 per kW for UG/AB cable or Rs.6,880 per kW for OH line for the entire requested load.

Note: Applicable to both above 7(I) and 7(II).

1. Fractions of kW are rounded off to the next higher kW.
2. For additional load to the existing load is requested, then the charges apply only to the additional load.
3. In Greater Bengaluru Area, Bengaluru Urban, Bengaluru South & Bengaluru Rural Districts and Bengaluru Development Authority, for above the assessed load and up to and inclusive of 35kW in respect of Domestic, Commercial and mixed load installations and for the loads 50 kW and above in respect of Industrial installations an additional Rs.2,000 per kW is payable for UG/AB systems.

8. Charges for the Installations serviced prior to 25.08.2005 under Clause 9:

Sl. No.	Requisitioned Load	Charges Payable
1	Up to and including 50 kW	Rs.8,500 per kW of additional load
2	Above 50 kW and up to 75 kW	Rs.16,900 per kW of additional load
3	Above 75 kW	Rs.25,350 per kW of additional load

For installations situated within the Greater Bengaluru Authority Area Bengaluru Urban, Bengaluru South & Bengaluru Rural Districts and Bengaluru Development Authority, an additional amount of Rs.2,000 per kW of the additional load shall be recovered towards HT/LT Underground Cable or Aerial Bunched Cable (ABC) system.

9. Charges for alternate Provision for collection of charges towards Development of Infrastructure from the substations by the Licensee, up to the nearby point of the Layout:

Sl. No.	Particulars	Over Head Line	Under Ground Cable
1	Cost per KW to be paid by the applicant	Rs.2,500.00	Rs.9,500.00

10. Appeal Fee payable to the Appellate Authority under Section 127 of the Electricity Act:

Sl. No.	Assessed Amount	Appeal Fee
1	Up to Rs.1,00,000	1% of the assessed amount, subject to a minimum of Rs.100
2	Above Rs.1,00,000	1% of the assessed amount, subject to a minimum of Rs.2,000

ANNEX-1

INDEMNITY BOND

(If the intending Consumer is not the owner of the premises)

To: From

………………….. Engineer, ------------------------

………………….. ------------------------

Whereas the land / premises detailed hereunder, belongs to Sri/Smt……..……… and I am only lessee / tenant / occupier of the said land / premises where I have applied for the electricity connection to the said land / premises and I am not able to obtain the consent of Sri / Smt……………………………….. but produced the proof of occupancy, i.e., valid power of attorney / latest rent paid receipt / registered lease deed.

Thereto I, in consideration of the grant of electricity connection to me as per the "ESR", further agree to indemnify and keep harmless the Licensee from all damages and claims, whatsoever, including costs of suit, original petitions and all manner of legal or other proceedings that the Licensee may incur or likely to incur on account of any action or threat by or at the instance of the owner of the said land / premises (whether such owner be the said Sri / Smt ………………………or any other). I also further agree that such loss, damages and any other claim resulting out of the electricity connection being given to me without the consent of the owner of the land / premises are also recoverable from me and my properties under the provisions of the Revenue Recovery Act, in force at the time of such recovery, or by such other proceedings as the Licensee may deem fit to initiate.

I hold myself answerable to costs of such recoveries and proceedings also.

Place: Signature of lessee/ tenant / occupier

Date:

Witnessee: -

1)

2)

ANNEX -2

INDEMNITY BOND

(In case of Transfer of Installation)

RR NO----------------- **DATED:**

I, Sri. ……………………………………………………..aged about-------- years residing at No………………………………………bind myself to indemnify the…………………… Electricity Supply Company Ltd., (ESCL) or its legal representative against any future claims, losses, damages and injuries that may be sustained by the…………………… ESCL or may arise as a result of dispute between the Previous Registered Consumer and myself or between the Local Body/Government/any Competent authority and myself at a future date relating to the above RR No. located at premises No…………………………………………………………………………………………………… ……………. regarding transfer of the above installation, construction, demolition or ownership of the said premises.

I am prepared to pay any arrears that is existing or that may fall due after taking the final reading along with the short claims, if any, relating to the previous Consumer and also agreeable to transfer of the installation along with the deposit to the claimant in case of dispute that may arise.

Also, I agree to pay the monthly minimum charges as per the applicable Tariff irrespective of whether the installation is in service or not and bind myself to observe Rules that are in force and as amended from time to time if the premises is/was/were to be dismantled because of any dispute between the parties as stated above.

The……………………………. Electricity Supply Company Ltd., shall in no way be held responsible and shall not be questioned in a Court of Law for any damages etc., merely on the ground that it has arranged Power Supply to the said premises.

Signed at ………………………………… Day ………………… 20

Signature

Witness with address

…………………………..

…………………………..

ANNEX -3

INDEMNITY BOND

(In case of surrender of Installation)

I, the undersigned, the registered Consumer of the installation bearing RR No…………….. write to undertake on this ………day ……… month ……….. year with the Asst. Executive Engineer (Elec.),…ESCOM……………………….…………………………………………… that I have applied for surrender of the said installation permanently. At a later date, if any arrears are found due to audit short claims, etc., I am prepared to pay the amount in lump sum or the same can also be included in the bills of the other installation bearing RR No.-------------- which is standing in my name. If I fail to pay the demanded amount, legal action as necessary may be taken against me and also Power Supply to installation bearing RR No.----------- may be disconnected.

Signature

Witness with address

…………………………..

…………………………..

…………………………..

…………………………..

ANNEX-4

APPEAL BEFORE THE APPELLATE AUTHORITY UNDER SECTION 127 OF THE ELECTRICITY ACT, 2003

Appeal against final assessment order No.------ Dated.--------of the Assessing officer made under Section 126 of the Act

Appeal No…….. of 200….

I. Between

1. Appellant

   (Full name and address of the Consumer including the RR No. and category of service)

   AND

2. Respondent

   (Full name and address of the Respondent)

   Name of the Licensee

   Name & Address of the Assessing officer

Appeal under Section 127 of the Act

II. Aggrieved by the final assessment order No.------ Dated. -------- which was received by the Appellant on --------, the above Appellant presents this Memorandum of Appeal on the following grounds:

Grounds: (State the grounds of the case on which the Appeal is filed and why the final assessment order is unsustainable)

1

2

3

III. The value of the Appeal is Rs. ------------- and a fee of Rs. ---- is paid vide Receipt No.—

Dated--------- as per Section 127(1) of the Act read with Regulation No. 3(4) of the K.E.R.C. (Procedure for filing appeal before the Appellate Authority) Regulations, 2005.

R.N.I. No. KARBIL/2001/47147 POSTAL REGN. No. RNP/KA/BGS/2202/2017-19
Licensed to post without prepayment **WPP No. 297**

IV. An amount of Rs.---------, equal to one third of the assessed amount is deposited vide Receipt No.----- Dated --------- with the licensee as per Section 127(2) of the Act and Xerox copy of the above Receipt is enclosed along with this appeal.

V. The final assessment order was not passed with the consent of both the Licensee and the Consumer as per Section 127(5) of the Act.

VERIFICATION:

The statements made in the above paragraphs are true to the best of my knowledge and belief.

Enclosures:

1. Copy of the Assessment Order
2. …….
3. …….etc.,

PRAYER

………
………
………
……………………………………………………………………………………

Signature of the Appellant

(Name of the Appellant)

Date:

ಮುದ್ರಕರು ಹಾಗೂ ಪ್ರಕಾಶಕರು:- ಸಂಕಲನಾಧಿಕಾರಿಗಳು, ಕರ್ನಾಟಕ ರಾಜ್ಯಪತ್ರ, ಸರ್ಕಾರಿ ಕೇಂದ್ರ ಮುದ್ರಣಾಲಯ, ಬೆಂಗಳೂರು