



**BANGALORE ELECTRICITY SUPPLY COMPANY LTD**  
(Wholly owned by Government of Karnataka Undertaking)

No: CGM(O)/DGM(O)-3/AGM(O)-3/F-332/20-21/ cys-83

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K.R. Circle,  
Bengaluru-560 001  
Date:-

28 OCT 2020

**CIRCULAR**

Sub: Procedures for arranging power supply under Sub meter applications including EV charging stations. reg.,

Ref: CGM (I/A), BESCOM Note dated 19.10.2020.

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EV&ES policy was issued by Government of Karnataka during 2017. Also KERC in its order dated 14.05.2018 has introduced promotional tariff LT6(c) for Electric vehicle Charging stations under HT and LT categories. The Revised Guidelines and standards were issued by Ministry of Power, Government of India, vide notification dated 01.10.2019 regarding charging infrastructure for Electric Vehicles.

In support of EV&ES policy, BESCOM has installed 126 Electric vehicle charging stations across Bengaluru City. These EV Charging Stations are installed at BESCOM Offices and premises owned by other Government departments such as Transport Department, BMTc, BBMP, BDA, KIADB, KERC etc. During meeting held on 05.01.2019 it was resolved that LT6(c) tariff shall be treated on par with LT3/ HT-2(b) and consequently work around procedures were defined in RAPDRP for arranging power supply to LT6(c) tariff. The same has been followed at the sub-division offices for processing the LT-6(c) applications both under LT & HT. In continuation, DT BESCOM vide letter number cys-839 dated 25.02.2020 has directed all the sub-division officers to arrange power supply to the LT-6(c) applications on priority as it is driven by the EV & ES Policy of Government of Karnataka and promoting the e-Mobility for an eco-friendly environment.

It is hereby directed that all the Officers shall adhere to the following guidelines for arranging power supply under Sub meter applications /LT6 (c) applications until such time KERC incorporates in the "Conditions of Supply of Electricity of Distribution Licensees in the State of Karnataka" :-



Sl.No	Scenario	Procedure to be followed
1.	Fresh Applications	<p><b><u>A. In the case, where the applicant is the owner of single domestic installation:</u></b></p> <p>a. The power supply to be extended from the applicant's existing meter of domestic installation for proper energy recording.</p> <p>b. A separate connection for Electric charging station may be provided &amp; power supply to be arranged duly following procedure as being applicable for fresh connection.</p> <p>c. As per CoS clause 3.02, (Classification of supply), Power supply has to be arranged under 3-Phase, if requested power is more than 5KW.</p> <p>d. As per clause No.3.1.1 of KERC up to 34KW (including additional load) can be arranged from licensee network under LT basis.</p> <p>e. If the total load of the installation exceeds 35KW and above, the applicant has to create required infrastructure by extending electric line /plant and necessary cost has to be borne by the applicant.</p> <p>f. Applicant has to install only one EV charging station.</p> <p>g. If the total load is more than 35KW and less than 99KW power supply can be arranged under LT tariff. But Necessary infrastructure to be developed by applicant.</p> <p>h. The General condition defined in clause No.4.0 of CoS shall be applicable.</p> <p>i. The Security deposits are to be collected on par with LT3 tariff for LT and HT2b tariff for HT new connection, until it is defined by KERC.</p>
		<p><b><u>B. In all other cases</u></b></p> <p>a. As per CoS clause 3.02, (Classification of supply), Power supply has to be arranged under 3-Phase, if requested power is more than 5KW.</p> <p>b. As per clause No.3.1.1 of KERC, power supply up to 34KW (including additional load) can be arranged from licensee network under LT basis.</p> <p>c. If the total load of the installation exceeds 35KW and above, the applicant has to create required infrastructure by extending electric line /plant and necessary cost has to be</p>

		<p>borne by applicant.</p> <p>d. If the total load is more than 35KW and less than 99KW, power supply can be arranged under LT tariff, but necessary infrastructure has to be developed by applicant and load to the single installation is restricted to 50KW.</p> <p>e. The General condition defined in clause No.4.0 of CoS shall be applicable.</p> <p>f. The Security deposits are to be collected on par with LT3 tariff, until it is defined by KERC.</p>
2.	Mixed load	<p>a. As per CoS clause 3.02, (Classification of supply), Power supply has to be arranged under 3-Phase, if requested power is more than 5KW.</p> <p>b. As per clause No.3.1.1 of KERC, power supply up to 34KW (including additional load) can be arranged from licensee network under LT basis.</p> <p>c. If the total load of the installation exceeds 35KW and above, the applicant has to create required infrastructure by extending electric line /plant and necessary cost has to be borne by applicant.</p> <p>d. If the total load is more than 35KW and less than 99KW power supply can be arranged under LT tariff, but necessary infrastructure has to be developed by applicant and load to the single installation is restricted to 50KW.</p> <p>e. The General conditions defined in clause No.4.0 of CoS shall be applicable.</p> <p>f. The Security deposits are to be collected on par with LT3 tariff, until it is defined by KERC.</p>
3.	<p>If Existing installation is HT installation under HT2(a), HT2(b), HT2(c), HT4 tariff. Applicant requesting power supply for EV charging station within the same premises.</p>	<p>a. As per CoS clause 3.02 Classification of supply if requested power is more than 5KW, LT 3-phase power supply to be arranged.</p> <p>b. The General conditions defined in clause No.4.0 of CoS shall be applicable.</p> <p>c. The necessary infrastructure to be developed by applicant and cost towards development of infrastructure to be borne by the applicant.</p> <p>d. Sub meter can be provided on LT side for the total load not exceeding 99KW and power supply is restricted to 50KW for a single installation and to be billed under LT6(c) tariff. The Clause 8.14(ii) is applicable as defined in CoS of KERC.</p> <p>e. If the total load exceeds more than 99kW power supply can be arranged on HT Basis</p>

		<p>and to be billed under LT6(c) on HT basis.</p> <p>f. The Sub meter /meters procedures are to be followed.</p> <p>g. The Security deposits are to be collected on par with LT 3 tariff, until it is defined by KERC.</p>
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### **Arranging Power Supply under Sub Meter**

#### **1) Application fees has to be paid as per the clause 30.0**

- a) For all main Account ID, number of Sub meter option shall be incorporated, as in the case of name transfer, reduction of load ...etc. as Sub meter 1, Sub meter 2.... etc.
- b) Requested load for the Sub meter .... in KW/HP
- c) Condition: the total load of sub meter/meters requested shall not be more than 25 % of contract demand or the Sanctioned load of Main meter (For application of Tariff). The requisition load of sub meter/meters should be less than 99kW. (ETV meters to be provided for sub meter.)
- d) Purpose of the sub meter .... Residential/ Commercial/ Industrial / EV charging.
- e) The tariff must be selected default based on (c) and child ID has to be created to collect the necessary fees and billing purpose.
- f) Meter fixing option along with meter details, CT details Meter constant has to be defined.
- g) RR Number to be assigned for Sub meter in the following pattern :  
" Existing RR No.SM1" for sub meter 1.
- h) If the main meter is having AMR facility, the Sub meter shall be provided with AMR facility also.

#### **2) Deposit:**

- a) No Additional deposit shall be collected at the initial time of registration for Sub meter (As already sufficient deposit is collected in main meter).
- b) In case if total consumption is more than 2 MMD collected, then suitable amount towards security deposit may be collected for main meter consumer at appropriate time.

#### **3) Billing :**

##### **a) Billing for main meter :**

- i. In the Energy Bill, the details of the consumption recorded in main meter and sub meters must be clearly mentioned along with TOD readings.
- ii. The FC charges are applicable as per the approved tariff of main meter.
- iii. The Energy charges are to billed duly deducting the energy recorded in the sub meter/meters for that particular billing period, at the slabs and the tariff defined by KERC time to time and as per the CoS of KERC.
- iv. The taxes towards Electricity charges to be billed as per rules time to time defined by Government.

**b) Billing of Sub meter/ meters.**

- i. In the Energy Bill, the details of the consumption recorded in Sub meter /sub meters must be clearly mentioned separately with TOD readings.
- ii. The FC charges are **NOT** applicable : FC charges should not be billed/ claimed for Sub meter Billing.
- iii. The Energy charges are to be billed as per the applicable tariff in force.
- iv. The taxes towards Electricity charges to be billed as per rules time to time as defined by the Government of Karnataka.

**4) Surrendering of Sub meter :**

Regular surrendering procedures are to be followed for disconnection/ surrendering of the installation of Sub meter/ meters.

**Note:**

1. If the load of the premises exceeds 3000KVA and less than 7500KVA due to additional load requested for EV Charging station, the applicant has to execute separate dedicated 11kV feeder for that premises under self-execution.
2. If the load of the premises exceeds more than 7500KVA, the applicant has to execute 66KV station under self-execution in the premises.
3. The operations of EV charging stations are considered on par with commercial installation, the MS building regulations defined under regulation 9.0 and HT Clause 8.0 of CoS are applicable.
4. Following shall be mentioned in the power sanction letter ---  
"The applicant shall abide by the prevailing regulations and the changes from time to time".

Approved by  
MD, BESCOM

*H. H. 28/10/2020*  
CGM (Operations)  
BESCOM

**Copy to:**

1. All the Chief Engineers (Ele), C O&M Zones, BESCOM.
2. All the Superintending Engineers (Ele), C O&M Circles, BESCOM.
3. The General Manager (ICT&MIS), Corporate Office BESCOM for necessary action.
4. The General Manager (Revenue), Corporate Office BESCOM for necessary action.
5. The General Manager (M&C), Corporate Office, BESCOM for information & necessary action.
- ✓ 6. The Deputy General Manager (SG&EV), Corporate Office, BESCOM for information & necessary action.
7. All the Assistant Executive Engineers (Ele), C, O&M Sub division, BESCOM
8. PS to MD/DT/DF/CS with a request to place before MD/DT/DF/ Company Secretary, BESCOM.
9. M/F

Dan S G R E V