

ಚಾಮುಂಡೇಶ್ವರಿ ವಿದ್ಯುತ್ ಸರಬರಾಜು
ನಿಗಮ ನಿಯಮಿತ
(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸ್ವಾಮ್ಯಕ್ಕೆ ಒಳಪಟ್ಟಿದೆ)
ನಿಗಮ ಕಾರ್ಯಾಲಯ,
ಚಾವಿನನಿರಸಿ, ಮೈಸೂರು-570017
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Company Identity Number[CIN]:- U40109KA2004SGC035177

ಕ್ರಮಾಂಕ:ಸೆಸ್ಸ/ತಾಂತ್ರಿಕ/3/ 85 /2021-22/
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13 APR 2022

CIRCULAR

- Sub: Procedures for arranging power supply under Sub meter applications for EV charging stations. reg.,
- Ref: 1. BESCOM office circular no: CGM(O)/DGM(O)-3/F-332/2020-21/CYS-83 dated:28.10.2020.
2. This office circular no.: CESC/ Revenue/ 02/2021-22/CYS-530 dated: 15.07.2021. (to consider as and when revised)
3. Chief Engineer(Ele), O&M Zone, CESC, Mysuru letter no: ಮುಇಂ(ಎ)/ಅ.ಇಂ(ಎ)/ಕಾ.ಇಂ(ಕ)/2021-22/7229-30 ದಿನಾಂಕ: 19.03.2022.

EV &ES policy was issued by the Government of Karnataka in 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 the Ministry of Power, Government of India, Vide notification dated 01.10.2019 regarding charging infrastructure for Electrical Vehicles.

Nowadays in CESC, several applications are registering seeking power supply to EV Charging Stations. There are no particular guidelines/ methodology in KERC Conditions of Supply of Distribution Licensee in the State of Karnataka to be followed in arranging power Supply to EV Charging Stations.

BESCOM has issued a circular regarding the Procedure for arranging power supply under Sub meter applications including EV charging stations.

Chief Engineer(Ele), O&M Zone, CESC, Mysuru has requested to issue a similar circular to maintain a uniform procedure in all offices in CESC jurisdiction.

Given the above, the following circular has been issued;

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 Licenses in the State of Karnataka":-

SL. NO	Scenario	Procedure to be followed
1.	Fresh Applications	<p><u>A. In the case, where the applicant is the owner of single domestic installations:</u></p> <ol style="list-style-type: none"> The power supply is to be extended from the applicant's existing meter of domestic installation for proper energy recording. A Separate connection for an Electric charging station may be provided & power supply to be arranged duly following the procedure as being applicable for fresh connection. 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. As per clause No.3.1.1 (A) & Note (ii) (iii) (iv) (v) of KERC up to 150KW can be arranged from license network under LT basis. If the total load of the installation exceeds 35KW and above, the applicant has to create the required infrastructure by extending the electric line/plant and the necessary cost has to be borne by the applicant. The applicant has to install only one EV charging station. If the total load is more than 35KW and up to and inclusive of 150KW power supply can be arranged under LT tariff. But Necessary infrastructure to be developed by the applicant. The General condition defined in clause No.4.0 of CoS shall be applicable. The Security deposits are to be collected as per the circular mentioned under reference no.-2.
		<p><u>B. In all other cases</u></p> <ol style="list-style-type: none"> 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. As per clause No.3.1.1(A) & Note (ii) (iii) (iv) (v) of KERC, Power supply up to 150 KW can be arranged from the licensee network under LT basis. If the total load of the installation exceeds 35KW and above, the applicant has to create the required infrastructure by extending the electric line/plant and the necessary cost has to be borne by the applicant. If the total load is more than 35KW and up to and inclusive of 150KW, the Power supply can be arranged under LT tariff, but necessary

		<p>infrastructure has to be developed by the applicant, and load to the single installation is restricted to 150KW.</p> <p>e. The General condition defined in clause No.4.0 CoS shall be applicable.</p> <p>f. The Security deposits are to be collected as per the circular mentioned under reference no.-2.</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 the requested power is more than 5KW.</p> <p>b. As per COS clause No.3.1.1(A) & Note (ii) (iii) (iv) (v) of KERC, Power supply up to 150 KW can be arranged from the licensee network under LT basis.</p> <p>c. If the total load of the installation exceeds 35KW and above, the applicant has to create the required infrastructure by extending the electric line/plant and the necessary cost has to be borne by the applicant.</p> <p>d. If the total load is more than 35KW and up to and inclusive of 150KW, the Power supply can be arranged under LT tariff, but necessary infrastructure has to be developed by the applicant, and load to the single installation is restricted to 150KW.</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 as per the circular mentioned under reference no.-2.</p>
3.	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>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 the applicant and the cost towards the development of infrastructure to be borne by the applicant.</p> <p>d. Submeter can be provided on the LT side for the load not exceeding 150KW and power supply is restricted to 150KW for a single installation and to be billed under LT6(c) tariff. Clause 8.14(ii) is applicable as defined in CoS of KERC.</p> <p>e. If the total load exceeds more than 150KW power supply can be arranged. HT Basis and to be billed under LT(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 as per the circular mentioned under reference no.-2.</p>

Arranging Power Supply under Sub Meter

1) Application fees have to be paid as per clause 30.0

- i. The Sub meter applications under HT for EV charging station shall be registered at the office of the Executive Engineer, Ele, O&M Divisions and rest of the procedures shall be followed as per the Delegation of Powers.
- ii. The applications under LT for EV charging station shall be registered at the office of the assistant Executive Engineer, Ele, O&M Divisions.
- iii. For all main Account ID, the number of Sub meter options shall be incorporated, as in the case of name transfer, reduction of load .. etc. as Sub meter 1, Sub meter 2....etc.
- iv. Requested load for the Submeterin KW/HP
- v. Condition: The requisition load of sub-meter/meters should be less than 150KW. (ETV meters to be provided for sub-meter.)
- vi. Purpose of the sub meter Residential/ commercial/ industrial/ EV charging.
- vii. The tariff must be selected default based on (c) and a child ID has to be created to collect the necessary fees and billing purposes.
- viii. Meter fixing option along with meter details, CT details Meter constant has to be defined.
- ix. RR Number to be assigned for Submeter in the following pattern :
"Existing RR No.SM1" for sub-meter 1.
- x. If the main meter is having AMR facility, the Submeter shall be provided with an AMR facility also.

2) Deposit:

- a) No Additional deposit shall be collected at the initial time of registration for the Sub meter (As already sufficient deposit is collected in the main meter).
- b) In case if total consumption is more than 2 MMD collected, then a suitable amount towards a security deposit may be collected for the main meter consumer at the appropriate time.
- c) 2MMD/ Deposit for the requested sub meter under HT shall not be collected, provided there is a sufficient deposit collected for main meter.

3) Billing:

a) Billing for the main meter :

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

4) Surrendering of Submeter :

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 the additional load requested for the EV charging station, the applicant has to execute a separate dedicated 11KV feeder for the 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 installations, the MS building regulations defined under regulation 9.0 and HT Clause 8.0 of CoS with up-to-date amendments are applicable.*
4. *The following shall be mentioned in the power sanction letter ---*
5. *"The applicant shall abide by the preventing regulations and the changes from time to time"*


13.4.2022
General Manager (Tech)
CESC, Mysuru.

Copy to;

1. Chief Financial Officer, Corporate Office, CESC, Mysuru.
2. Chief General Manager(I/A), Corporate Office, CESC, Mysuru.
3. Chief Engineer (Ele), O&M Zone, CESC, Mysuru/ Hassan.
4. General Manager (Projects/ Commercial / Purchase), Corporate office, CESC , Mysore.
5. Superintending Engineer (Ele), O&M Circle, CESC. Mysuru/Mandya/Chamarajanagara-Kodagu/ Hassan.
6. All Executive Engineer (Ele), O&M Divisions, CESC.
MF/OC.

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