

# BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

(Wholly owned Government of Karnataka Undertaking)

23

EMT/AEE(O)/BRAZ/AEE HTR/

Office of the

Executive Engineer (Ele),  
MT Division, BRAZ, BESCO,  
3rd Floor, Crescent towers,  
Bangalore-560001.

Asst. Executive Engineer (Ele),  
O&M Sub-Division.  
COM.....

Additional load

300 + 200 = 500 KVA

Replacement of 15/11 A CT's By 25/11 Amps.

Date... 1.01.2025...

Ref: LEE(O)/AEE(O)/AE(T)/2024-25/13775 23.12.2024

Subject: Rating Report of HT/EHT Installation.

H.T. Installation having the following details has been rated for periodical rating/complaint (1.1.2025). You are requested to take action on the observations and advice recorded in the report. Compliance report shall be sent to this office on the observations pointed out in the report. Details are furnished in the Annexure enclosed.

## DETAILS OF H.T. INSTALLATION:

NO. ATBHT215 CD (300+200) KVA CTR 15/11 By 25/11 A Meter Constant... 2500  
City... Tariff... 500 11/24  
Name & Address of the Consumer.....

Previously rated on... 18.10.2023

Old 1500

## OBSERVATION & ADVICE ON TECHNICAL MATTER:

A p.u. request to replace the installation meter is calibrated before and after replacement of CT's on account of additional load

## ADVICE ON REVENUE MATTER:

New MC = 2500

## DOWNLOADED DATA ANALYSIS ENCLOSED: YES/NO.

Summary of analysis if rated against complaint,.....

## ANNEXURE

### DETAILS OF SEALS:

R.R. No. ATBHT215

Sl. No.	Seals Provided to	Sl. No. of Seals Found Plastic		Sl. No. of Seals Left Plastic	
		Main Meter	Check Meter	Main Meter	Check Meter
1	M.C. of Meter	BRS0835	V911663	Retained	
2	TC Of Meter	BRAZA 71822			
3	M.D. Reset Knob	BRAZ 76752		BRAZB 33241	
4	Optical Port	-			
5	T.T.B	BRAZA 98373		BRAZB 33242	
6	Meter Chamber Main Door	BRAZA 98374		BRAZB 33243	
7	Meter Reading Window	-		-	
8	C.T./P.T. Chamber	BRAZ 76755		BRAZB 33244	
9	Cable Entry Chamber	BRAZ 76756		BRAZB 33245	
10	Hologram				

## DETAILS OF THE EQUIPMENTS:

1) Cubicle Type : Cable Entry / 6 bushing / 3 busing / LBS. Make... Ar Existing  
2) Cubicle Conditions & Location... Good

## MULTIPLYING CONSTANT (MC) FOR BILLING (Kwh. Kvah. Kva) :

$$MC = \frac{PT \text{ Ratio} \times CT \text{ Ratio} \times \text{Dial Constant}}{\text{Meter PT Ratio} \times \text{Meter CT Ratio}} = \frac{11KV/\sqrt{3}/110V/1/3 \times 25/1}{1} \times 1 = 2500$$

## DETAILS OF Ct's/ Pt's:

	Existing	After Replacement	Existing	After Replacement
Make	Kappa	Kappa	Kappa	Kappa
Type	110	110	110	110
Class	0.23	0.23	0.23	0.23
Insulation level	1538195	1538195	1538195	1538195
Burden	2.5VA	2.5VA	2.5VA	2.5VA
Ratio Connected	1511 Amps	2511 Amps	111113	111113
Sl.No.	3751	309355	2982	2982
1. R	3752	309356	2985	2985
2. Y	3753	309357	2986	2986
3. B				

### DETAILS OF METERS:

#### ETV Meter

Make  
Type  
Class  
Voltage  
Ampere  
Pulse / Unit  
Dial Constant  
Sl. No.

**Existing**  
LGT  
WP300B BITEHR  
0.23  
5x63.5 volts  
1 Amps  
50000  
20000404  
Before CT Replacement  
CALIBRATOR  
63.08, 63.05, 62.78  
0.864, 0.860, 0.754  
0.868, 0.876  
Forward  
KVAH/  
- MFE -  
0.0401

#### After Replacement

After CT Replacement  
METER  
64.82, 64.41, 64.55  
0.076, 0.116, 0.104  
0.0184, 0.875  
Forward  
KVARH  
- MFE -  
0.0367

#### A. CALIBRATION DETAILS:

- Voltage V1, V2, V3
- Current I1, I2, I3
- P.F. / KW
- Sequence
- % of Error
- Reading of Test Meter
- Reading of Reference Meter
- Percent Error

#### METER READINGS :

- Cumulative Parameters
- Time Date, Month, Year
- Demand with elapsed time
- Self-diagnostic condition
- Present KVA. PF
- Cumulative KWH

cmd = 10.116

Clkwh = 1938.812

#### B. BILLING PARAMETERS :

- Billing KWH

Blkwh = 1936.085

- Billing KVA

B

- Billing PF (Universal TOD)

1pb = 0.894

1md = 0.1613

- MD Reset Count
- MD Reset Manual/ Automatic On

Consumer's / Representative's Signature  
With Seal

**Existing**  
12:11 11.1.2025  
A000  
0.1793 / 0.868  
1762.1106  
TOD 1. /  
2. /  
3. /  
4. /  
Blkwh = 1761.756  
TOD 1. Blkwh = 1710.743  
2. /  
3. /  
4. 0.2025  
TOD 1. /  
2. /  
3. /  
4. 0.9041  
TOD 1. /  
2. /  
3. /  
4. 63  
Auto

#### After Replacement

13:13 11.1.2025  
A000  
0.0212 / 0.815  
1762.1106  
TOD 1. /  
2. /  
3. /  
4. /  
Blkwh = 1762.406  
TOD 1. Blkwh = 1761.756  
2. /  
3. /  
4. 0.1613  
TOD 1. /  
2. /  
3. /  
4. 0.894  
TOD 1. /  
2. /  
3. /  
4. 64  
Manual

Asst. Executive Engineer (Ele.)  
H.T. Rating Sub-Division  
MT Division, BRAZ, Bangalore.

ಬಾಂಧವ ಸರಬರಾಜು ಕಂಪನಿ  
ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸ್ವಾಮ್ಯಕ್ಕೆ ಒಳಪಟ್ಟಿದೆ  
ಮತ್ತು ಪಾಲನೆ ವಿಭಾಗ, ಚಂದಾಪುರ,  
ಬೆಂಗಳೂರು-560081  
ಫೋನ್: 080-2781003



BANGALORE ELECTRICITY SUPPLY COMPANY  
(A Government of Karnataka Undertaking)  
O&M Division, CHANDAPURA  
BESCOM, Bangalore-560081  
E-Mail: [eechndpr.work@gmail.com](mailto:eechndpr.work@gmail.com)

IO : EE(E)/CDP/AEE(O)/AE(T)/2024-25/ 14293-96

Date :

**-: OFFICIAL MEMORANDUM :-**

4 JAN 2025

- Sub: Enhancement of contract demand of the existing HT installation from 300 KVA to 500 KVA (Addition 200 KVA) bearing RR No. ATBHT-215 under HT-2(a) tariff in favour of M/S STS Chamber Bricks rep by Mr. Nagaraj Reddy at Plot No-19(Part) in Sy No-58 & 134 ( Part), Ichanguru Village, Attibele I/A, Attibele Hobli Anekal Taluk – under self-execution.
- Ref: 1. Online Application Ref No: 8386552 Dated: 24-08-2024.  
2. AEE/Attibele SD / AE (T)/2024-25 / 3314 Dated: 03-09-2024.  
3. This Office Intimation Letter Ref No: EEE/CDP/AEE (O)/AE (T)/2024-25 / 7990-91 Dated: 05-09-2024.  
4. Circular No. BESCOM/GM(QS&S)/BC-35/DGM-4/AGM-5/23-24/CYS-186 Dated 12.02.2024.

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With reference to the above, as per the recommendations of the Assistant Executive Engineer e., Attibele Sub division vide ref-2, approval is hereby accorded for Enhancement of contract demand of the existing HT installation from 300 KVA to 500 KVA (Addition 200 KVA) bearing RR No. ATBHT-215 under HT-2(a) tariff in favour of M/S STS Chamber Bricks rep by Mr. Nagaraj Reddy at Plot No-19(Part) in Sy No-58 & 134 ( Part), Ichanguru Village, Attibele I/A, Attibele Hobli Anekal Taluk, Attibele Sub-Division, per the clause No. 34.01 KERC Conditions of Supply of Electricity of Distribution licensees in the State of Karnataka, subject to the following conditions:

- The Consumer has supplied the CTs and in presence of AEE, MT division, BRAZ, the MT Staff replaced the existing 11 KV, CTs of ratio 15 / 1A, 0.2S class of accuracy by new CTs of ratio 25 / 1A, 0.2s class of accuracy on 01-01-2025. The cost of the Sanctioned estimate is Rs. 50,844/- (Total rupees Fifty Thousand & Eight Hundred & Forty Four rupees only)
- Metering standards is as per BESCOM circular cited under ref -4.
- The Consumer has paid the following amounts in favour of AEE, BESCOM, Attibele sub division

Sl No	A/C Head	Amount in Rs	RT No	Date
1	ISD	1,54,880-00	20240021053	20-09-2024
2	supervision charges @ 5% on estimate cost of Rs. 50,844/- (Excl'd DEI & ESCOM employees cost)	2,542-00	20240021054	
3	CGST @ 9% on Supervision charges.	229-00	20240021055	
4	SGST @ 9% on Supervision charges	229-00	20240021056	
Total Amount Paid		1,57,880-00		

- The Additional contract demand is final and it will not be revoked at later date.
- The Additional contract demand shall be with effect from the Date of CT Replacement ( MRT Date)
- The Additional contract demand / sanctioned load along with fresh agreement for Additional contract demand & to obey Section 32.04 & its amendments from time to time..
- The energy entitlement shall be re-fixed on Pro-rata basis (applicable during Power cut period).
- Signature of the consumer shall be tallied with the signature in the original docket before effecting the Additional Contract Demand as per Norms.
- The Consumer has to pay arrears and audit short claims, if any, detected at a later date.

9. The Consumer has to give an undertaking that he will abide by the above Conditions / decision of the appellate authority in respect of pending appeal/ court cases, if any.
10. The installation shall be rated by M.T Staff before & after implementation of Additional load.
11. The Consumer shall abide by the rules/regulations, if any, left out and regulations issued at later dates.
12. The capacity of any individual machinery / equipment installed / connected shall not be more than the approved Additional CD.
13. If SRTPV Load is sanctioned to this Consumer, then the existing PPA has to be withdrawn with immediate effect and Supplementary PPA to be executed as per prevailing KERC / BESCOM Norms.

All Other formalities shall be observed as per the prevailing KERC regulations.

(Dhananjaya E),  
Executive Engineer(Ele),  
C, O&M Chandapura Division,  
BESCOM.

**Copy to:**

1. The Executive Engineer Ele, MT, BRAZ, BESCOM, Bangalore for information
2. The Accounts Officer, BESCOM, Chandapura Division for information
3. The Assistant Executive Engineer Ele, BESCOM, C, O&M Attibele Sub Division, for information **along with file.**
4. M/S STS Chamber Bricks rep by Mr. Nagaraj Reddy at Plot No-19(Part) in Sy No-58 & 134 (Part), Ichanguru Village, Attibele I/A, Anekal Taluk-562107.
5. AE(T) / M.F / OC.

Ref Credit Wo No & Date	461/WDV/16.206.7/R-65082 Dated : 23-09-2024
Ref ACK No & Date	1243 / 02-01-2025.