



[Reduction load report]

BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

(Wholly owned Government of Karnataka Undertaking)

No. EEMT/AEE(O)/BRAZ/AEE HTR/

To,
The Asst. Executive Engineer (Ele),
O&M Sub-Division,
BESCOM, CBPura Urban

CBUTT-74

Ex CD = 270kVA
Red = 110kVA
New CD = 160kVA
CTR = 15/1 A to 10/1 A
MC = 1500 to 1000

Office of the
Executive Engineer (Ele),
MT Division, BRAZ, BESCOM,
3rd Floor, Crescent towers,
Bangalore-560001.

Sir,

Date: 30.12.2025

Subject: Rating Report of HT/EHT Installation.

The H.T. Installation having the following details has been rated for periodical rating/complaint on..... 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.

AEE/AET/CSD CBP/2025-26/6655/114
24.12.25

1. DETAILS OF H.T. INSTALLATION:

R.R.NO. CBUTT-74 CD 160 KVA CTR 10/1 Previously rated on 10.11.25
Activity HT2 Tariff Plates ment A Meter Constant 1000
Name & Address of the Consumer Sri. Agro Foods products
OMU Gangaadipura CBPura Urban 8/D

2. OBSERVATION & ADVICE ON TECHNICAL MATTER:

Reduction of load Conducted CTR replaced & meter tested found the error value to be within permissible limits.

3. ADVICE ON REVENUE MATTER:

CD changes from 270kVA to 160kVA -
MC changes from 1500 to 1000.

For Billing FR values MC=1500

4. DOWNLOADED DATA ANALYSIS ENCLOSED: YES/NO.

Summary of analysis if rated against complaint

kw h = 203.660
kva = 0.0589
pf = 0.889
For Billing values
MC should be 1000

ANNEXURE

1. DETAILS OF SEALS:

SL.N O.	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	BMI 28540		Retained	
2	TC Of Meter	BRA2C06337		Retained	
3	M.D. Reset Knob	BRA2C06212	Released		
4	Optical Port	-			
5	T.T.B	BRA2D 80555	Released	BRA2D 80755	
6	Meter Chamber Main Door	BRA2D 80556		BRA2D 80756	
7	Meter Reading Window	-			
8	C.T./P.T. Chamber	BRA2C 06215	Released	BRA2D 80757	
9	Cable Entry Chamber	BRA2C 06216		Released	
10	Hologram	MT102224			

2. DETAILS OF THE EQUIPMENTS:

a) Cubicle Type : Cable Entry / 6 bushing / 3 busing / LBS-Make..... Sl. No.....
b) Cubicle Conditions & Location..... Good

Vyoma Switchgear.

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

MC = $\frac{PT \text{ Ratio} \times CT \text{ Ratio} \times \text{Dial Constant}}{\text{Meter PT Ratio} \times \text{Meter CT Ratio}} = \frac{11kV/3 / 110/3 \times 10/1 \times 1}{1 \times 1} = 1000$

4. DETAILS OF Ct's/ Pt's:

Released

New kind

	Existing	After Replacement	Existing	After Replacement
1. Make	Vyoma	Vyoma	Vyoma	
2. Type	Indm	Indm	Indm	
3. Class	0.2S	0.2S	0.2S	
4. Insulation level	17.5/11/35	17.5/11/35	17.5/11/35	
5. Burden	2.5 VA	2.5 VA	11KV/3/110/3	CB01574
6. Ratio Connected	10/1A	10/1A		
7. Sl.No.	1. R 1237	R 6625	R 9348	R 30/12/25
	2. Y 1238	Y 6626	Y 9349	
	3. B 1239	B 6627	B 9350	

5. DETAILS OF METERS:
ETV Meter

	Existing	After Replacement
a. Make	LNT	
b. Type	NK 800 BRTI KVA	
c. Class	0.2S	
d. Voltage	3x63.5V	
e. Ampere	11A	
f. Pulse / Unit	5000	
g. Dial Constant		
h. Sl. No.	23009151	April 2023

6. A. CALIBRATION DETAILS:

	CALIBRATOR	METER
a. Voltage V1, V2, V3	65.02, 65.04, 63.99	65.9, 66.3, 65.61
b. Current I1, I2, I3	0.085, 0.074, 0.086	0.458, 0.442, 0.420
c. P.F. / KW	0.0301 kw, 0.949 PF	0.0355 kw, 0.878 PF
d. Sequence		0.0018 KVA
B. % of Error	KVAH/ Snds 0.04%	KVARH
a. Reading of Test Meter	FR values	IR values
b. Reading of Reference Meter	BEFORE MC	After: MC = 1000
c. Percent Error		

7. METER READINGS :

	Existing	After Replacement
A. Cumulative Parameters		
a. Time Date, Month, Year	30.12.25	
b. Demand with elapsed time	12.36 hrs	
c. Self-diagnostic condition		
d. Present KVA, PF	0.0344 Kva, 0.949 PF	
e. Cumulative KWH	203.660	203.660 kWh
	TOD 1. 98.526	TOD 1. 203.660
	2. 0.537	2.
	3. 232.604	3.
	4.	4.

B. BILLING PARAMETERS :

a. Billing KWH	191.340	203.660
	TOD 1.	TOD 1.
	2.	2.
	3.	3.
	4.	4.
b. Billing KVA / PKVA	0.0612 / 0.0589	0.0585 KVA
	TOD 1.	TOD 1.
	2.	2.
	3.	3.
	4.	4.
c. Billing PF (Universal TOD) / PF	0.887 / 0.889	0.889 PF
	TOD 1.	TOD 1.
	2.	2.
	3.	3.
	4.	4.
d. MD Reset Count	34	35
e. MD Reset Manual / Automatic On	Auto	Auto to manual

Consumer's / Representative's Signature
With Seal

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