



Bangalore Electricity Supply Company Ltd.

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Format F-09-14

No. AEEE / HTR / CDPHIT432

additional load
existing - 200 kva
addl - 50 kva
Total - 250 kva

Office of the
Asst. Executive Engineer (Ele),
H.T. Rating Sub-Division,
BRAZ BESCOM

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

Date 17/07/2025

Sir,

Subject : Rating Report of HT / EHT Installation

The H.T. Installation having the following details has been rated for periodical rating / complaint on 17/07/2025
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.

1. DETAILS OF H.T. INSTALLATION :

Previously rated on 03-08-2020

R.R. No. CDPHIT 432 CD 250 KVA CTR. 12.5/1A A Meter Constant 1250

Activity Food Industry

Name & Address of the Consumer Sri. Mohamed Sameer No. 228B 3rd phase
RTA in Arundha Nagar O&M unit of veerabudra
Sub division BESCOM.

2. OBSERVATION & ADVICE ON TECHNICAL MATTER :

AS Per your letter reference No: AEE / AEG / 152/2025
553 Dt: 11/07/2025 additional load sanctioned from
200 kva to 250 kva Hence the existing 10/1A c/c

3. ADVICE ON REVENUE MATTER :

replaced by 12.5/1A c/c & changed fused o.b. meter
calibrated before & after replacement of c/c
error is within permissible limit.

4. DOWNLOADED DATA ANALYSIS ENCLOSED : YES/NO.

Summary of analysis if rated against complaint refer data down loaded & analysed
recording found correct.

Yours faithfully,

V. Chandan
Asst. Executive Engineer (Ele)

Chandan H.T. Rating Sub-Dvn, BRAZ

Copy for kind information to :

1. The Executive Engineer Ele., MT Division, BRAZ, Bengaluru.

2. Executive Engineer Ele., O & M Chandan Division, BESCOM, Chandan

In case of discrepancies :

3. Chief Engineer Ele., BRAZ, Bengaluru.

4. Superintendent of Police, Vigilance

5. Accounts Officer, Internal Audit.

ANNEXURE

DETAILS OF SEALS :

R.R. No. CDPMT-472

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	BME30281	P195497		
2.	TC of Meter	BR2A 64507			
3.	M.D. Reset Knob	BR2A 24127		BR2B 14971	
4.	Optical Port				
5.	T.T.B.	BR2D 30979		BR2B 14972	
6.	Meter Chamber Main Door	BR2D 30980		BR2B 14973	
7.	Meter Reading Window				
8.	C.T. / P.T. Chamber	BR2D 30981		BR2B 14974	
9.	Cable Entry Chamber	BR2D 30982		BR2B 14975	
10.	Hologram				
11.	Others				

2. DETAILS OF THE EQUIPMENTS :

- a) Cubicle Type : Cable Entry / 6 bushing / 3 bushing / LBS. Make... VENKAT Sl. No. 1120 ME STD 10876
b) Cubicle Conditions & Location... Good out door yard
c) Supply side G.O.S. : In Service / Direct / Removed.
d) Lightning Arrestor - Provide / Not Provided

3. DETAILS OF Cts / Pts:

	Existing	After Replacement	Existing	After Replacement
1. Make	<u>VENKAT</u>	<u>KALPA</u>	<u>KALPA</u>	
2. Type	<u>INDOOR</u>	<u>INDOOR</u>	<u>INDOOR</u>	
3. Class	<u>0.2</u>	<u>0.2</u>	<u>0.2</u>	
4. Insulation level	<u>15/38/45</u>	<u>15/38/45</u>	<u>15/38/45</u>	
Burden	<u>25 VA</u>	<u>25 VA</u>	<u>25 VA</u>	
6. Ratio Connected	<u>10/1A</u>	<u>125/1A</u>	<u>110/110</u>	
7. Sl.No. 1. R	<u>6899</u>	R. <u>5392</u>	R. <u>30830</u>	
2. Y	<u>6898</u>	Y. <u>5394</u>	Y. <u>30829</u>	
3. B	<u>6897</u>	B. <u>5395</u>	B. <u>30828</u>	

4. DETAILS OF METERS :

ETV Meter

	Existing	After Replacement
a. Make	<u>UT</u>	
b. Type	<u>WR 3000 11 109 R1</u>	
c. Class	<u>0.2</u>	
d. Voltage	<u>3x 635V</u>	
e. Ampere	<u>1 AMP</u>	
f. Pulse / Unit	<u>50 000</u>	
g. Dial Constant	<u>1</u>	
h. Sl. No.	<u>20008797</u>	

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

PT Ratio x CT Ratio x Dial Constant

Meter PT Ratio x Meter CT Ratio

 $= 1250$ (one thousand two hundred and fifty only)**A. CALIBRATION DETAILS :**

- Voltage V_1, V_2, V_3
- Current I_1, I_2, I_3
- P.F. / K W
- Sequence

CALIBRATOR

60.6, 60.9, 60.6
0.084, 0.058, 0.028
0.982, 0.0072
Forward

METER

60.6, 60.9, 60.6
0.084, 0.058, 0.028
0.984, 0.0072
Forward

B. CALIBRATION DATE :

- Reading of Test Meter
- Reading of Reference Meter
- Percent Error

KVAH /

CALMET

0.099 %

KVARH**METER READINGS :****A. Cumulative Parameters**

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

Existing

11.8.17 / 07 / 2025

Good

0.0073, 0.982

1376.372

TOD 1.

2.

3.

4.

After Replacement

TOD 1.

2.

3.

4.

B. BILLING PARAMETERS :

- Billing KWH Final Reading for k-1000 1376.372

+ Initial Reading for k-1250

TOD 1.

2.

3.

4.

TOD 1.

2.

3.

4.

- Billing KVA

0.0060

TOD 1.

2.

3.

4.

TOD 1.

2.

3.

4.

- Billing PF (Universal TOD)

0.728

TOD 1.

2.

3.

4.

TOD 1.

2.

3.

4.

- MD Reset Count

- MD Reset Manual / Automatic On

Manual Reset

8. CONSUMER EQUIPMENT DETAILS

- Transformer Make Chaitany
- Capacity 250 KVA
- Vector Group Dyn11 4.2%

- Voltage Class 11 KV / 433V

- Current 15.83 / 333.53

- Sl. No. 271

Consumer's / Representative's Signature
with SealAsst. Executive Engineer (Ele)
H.T. Rating Sub-Division