



BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

(Wholly owned Government of Karnataka Undertaking)

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

RNHT351

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

'B' phase current fault

CD: 50 KVA

CTR: 2.5/1A

MC: 250

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

Sir,

BBC 33.3% slow

Date: 16/09/2025

Subject: Rating Report of HT/EHT Installation.

The H.T. Installation having the following details has been rated for periodical rating/complaint on 16/09/2025. 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:

R.R.NO. RNHT351 CD 50 KVA CTR 2.5/1A Previously rated on 21/06/2025
Activity HT2A A Meter Constant 250
Name & Address of the Consumer M/s Sri Neelakantiah s/o Rangappa, Billinabote
Dabapete

2. OBSERVATION & ADVICE ON TECHNICAL MATTER:

The installation of the meter is rated and found that 1 phase [B phase] current is missing from September 2024 to till today 16/09/2025 and replaced the CTR and found OK. and the meters are ready within the limit.

3. ADVICE ON REVENUE MATTER:

meter: Nseqw701051

4. DOWNLOADED DATA ANALYSIS ENCLOSED: YES/NO.

Summary of analysis if rated against complaint.

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		C06491		
2	TC Of Meter		BRA2A27738		
3	M.D. Reset Knob		AA77409		
4	Optical Port				
5	T.T.B				
6	Meter Chamber Main Door				
7	Meter Reading Window				
8	C.T./P.T. Chamber				
9	Cable Entry Chamber				
10	Hologram				

2. DETAILS OF THE EQUIPMENTS:

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

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

$$MC = \frac{PT \text{ Ratio} \times CT \text{ Ratio} \times Dial \text{ Constant}}{\text{Meter PT Ratio} \times \text{Meter CT Ratio}} = \frac{11KV/\sqrt{3}/110/\sqrt{3}}{1 \times 1} \times \frac{2.5/1}{1} \times 1 = 250$$

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

Two hundred fifty only.

fifty only.



Scanned with OKEN Scanner

Scanned with OKEN Scanner

	Existing	After Replacement	Existing	After Replacement
1. Make	Kalpa	Kalpa	Kalpa	
2. Type	Indoor	Indoor	Indoor	
3. Class	0.2	0.2	0.2	
4. Insulation level	15/18/19.5 kV	15/18/19.5 kV	15/18/19.5 kV	
5. Burden	2.5 VA	2.5 VA	2.5 VA	As Existing
6. Ratio Connected	2.5/1A	2.5/1A	11kV/15/110/5	
7. Sl.No.				
1. R	303020	R. 18332	R. 1373082	R.
2. Y	137303	Y. 183425	Y. 1373096	Y.
3. B	137302	B. 1835	B. 137316	B.

5. DETAILS OF METERS:
ETV Meter

	Existing	After Replacement
a. Make	LE	
b. Type	WR200BB 11kVRS	
c. Class	0.2	
d. Voltage	3863.5V	As Existing
e. Ampere	1A	
f. Pulse / Unit	50000	
g. Dial Constant		
h. Sl. No.	13196990	

6. A. CALIBRATION DETAILS:

a. Voltage V1, V2, V3	62.80, 63.38, 63.72
b. Current I1, I2, I3	0.204, 0.218, 0.014
c. P.F. / KW	0.955 / 0.0259
d. Sequence	
B. % of Error	
a. Reading of Test Meter	Sands
b. Reading of Reference Meter	
c. Percent Error	0.086%

After CTK Replacement METER	
a. Voltage V1, V2, V3	63.24, 64.30, 64.51
b. Current I1, I2, I3	0.176, 0.209, 0.188
c. P.F. / KW	0.972 / 0.0258
d. Sequence	
KVARH	
	0.050%

7. METER READINGS :

- A. Cumulative Parameters**
- a. Time Date, Month, Year
 - b. Demand with elapsed time
 - c. Self-diagnostic condition
 - d. Present KVA. PF
 - e. Cumulative KWH

Existing	11:35 @ 16/09/25
Good	
0.0289 / 0.955	
2168.79	
TOD 1.	
2.	
3.	
4.	

After Replacement	13:04 @ 16/09/25
Good	
0.0401 / 0.978	
2168.79	
TOD 1.	
2.	
3.	
4.	

B. BILLING PARAMETERS :

- a. Billing KWH
- b. Billing KVA
- c. Billing PF (Universal TOD)
- d. MD Reset Count
- e. MD Reset Manual/ Automatic On

2162.16	
TOD 1.	
2.	
3.	
4.	
0.0870	
TOD 1.	
2.	
3.	
4.	
0.988	
TOD 1.	
2.	
3.	
4.	
41	
Auto	

2162.16	
TOD 1.	
2.	
3.	
4.	
0.0870	
TOD 1.	
2.	
3.	
4.	
0.988	
TOD 1.	
2.	
3.	
4.	
41	
Auto	

Consumer's / Representative's Signature
With Seal

Qty: 90.76
Total: 5086.93

Signature of Representative Engineer (Ele.)
H.T. Rating Sub-Division
MT Division, BRAZ, Bangalore.

two Hundred 1 - 1000