



Bangalore Electricity Supply Company Ltd.

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HT Rating Report **1144**

No. EE MT / AEE(O) / BRAZ / AEE HTR / HKT / 25.26 / 235

Office of the
Executive Engineer (Ele.),
MT Division, BRAZ, BESCOM
3rd Floor, Crescent Tower
Bangalore - 560 001.

To,

The Asst. Executive Engineer (Ele.),

..... HOSKOTE O&M Sub-Division

BESCOM, HOSKOTE

Date 20-06-2025

Sir,

Ref:- ABE / HKT / AEE / 25.26 / 1579 dated 12-06-25

Subject : Rating Report of HT / EHT Installation

The H.T. Installation having the following details has been rated for periodical rating/complaint on 20-06-25
You are requested to take action on the observations and advices 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. HKT-246 CD 150-100-50 KVA

Previously rated on 10-03-25

Meter Constant 150/50 Activity Gramale

Name & Address of the Consumer SH. ABDUL KHADAR S/O K. ALIASAB

Dandupalya in Pillagumpada HOSKOTE Sub-division

2. OBSERVATION & ADVICE ON TECHNICAL MATTER :

with ref to above letter Reduction of load from 150 KVA to 50 KVA
Reduction of load is 100 KVA. Hence existing 7.5/5A CTs are replaced by
2.5/5A CTs and existing multiple constant 150 to 50

3. ADVICE ON REVENUE MATTER :

Before and after replacing C.T.s the test values are found satisfactory and errors are found within permissible limits

Take 150 mc up to CKWH-174.12, RKVA-0.107, RPF.
above this consumption take 50 mc

4. DOWNLOADED TATA ANALYSIS ENCLOSED : YES/NO

Summary of analysis if rated against complaint Not modern fixed for AMR Commission

NSRW-706022

Yours faithfully,

[Signature] 20/6/25
Asst. Executive Engineer (Ele.),
HT Rating Sub Division, HOSKOTE
BRAZ, BESCOM, Bangalore.

Copy for kind information to :

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

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

In case of discrepancies :

3. Chief Engineer Ele., BRAZ, B'lore.

4. Superintendent of Police, Vigilance

5. Accounts Officer, Internal Audit.

ANNEXURE

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R.R. No. HISHT 246

1. DETAILS OF SEALS :

Sl. No.	Seals Provided to	Sl. No. of Seals Found		Sl. No. of Seals Left	
		Lead	Plastic	Lead	Plastic
1.	M.C. of Meter	BRAZA	82368	Retained	
2.	TC of Meter	BRAZC -	49447	- 2 -	
3.	M.D. Reset Knob	BRAZC -	49448	BRM -	0845439
4.	Optical Port	-	-	-	-
5.	T.T.B.	BRAZC -	73883	Retained	
6.	Meter Chamber Main Door	BRAZC -	73884	BRM -	0845440
7.	Meter Reading Window	-	-	-	-
8.	C.T. / P.T. Chamber	BRAZC -	72885	BRM -	0845441
9.	Cable Entry Chamber	BRAZC -	73886		
10.	Hallogram	AP -	05674462	Retained	
11.		-	-	-	-

2. DETAILS OF THE EQUIPMENTS :

- a) Cubicle Type : Cable Entry / ~~6-bushing / 3-bushing~~ / LBS. Make Venkat SL Sl. No. 75P.267
- b) Cubicle Conditions & Location Good. HT yard and head is clean
- c) Supply side G.O.S. : In Service / ~~Direct / Removed~~
- d) Lightning Arrestor - Provided / ~~Not Provided~~ one LIA not connected 11kV line

3. DETAILS OF CTs / PTs :

	Existing	After Replacement	Existing	After Replacement
1. Make	VYONA	KALPA		
2. Type	Indoor	Indoor		
3. Class	0.5	0.5		
4. Insulation Level	15/35/95kV	15/35/95kV		
5. Burden	3.75VA	3.75VA		
6. Ratio Available	7.5/5A	2.5/5A		
7. Ratio Connected	7.5/5A	2.5/5A		
8. Sl. No. 1.	VYC - 2845	1242/25		
2.		-		
3.		462291/25		

4. DETAILS OF METERS :

ETV Meter

	Existing	After Replacement
a. Make	SBCVRE	
b. Type	E3 V054	
c. Class	0.5	
d. Voltage	110V	
e. Ampere	5A	
f. Pulse / Unit	16000	
g. Dial Constant	1	
h. Sl. No.	QD853951	09/22

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

PT Ratio x CT Ratio x Dial Constant

Meter PT Ratio x Meter CT Ratio

$$= \frac{11KV/\sqrt{3} / 110V/\sqrt{3} \times 2.5/5A}{1 \times 1} = 1144$$

A. CALIBRATION DETAILS :a. Voltage V₁, V₂, V₃b. Current I₁, I₂, I₃

c. P.F. / KW

d. Sequence

CALIBRATOR

106.61 106.52
0.41 0.48
0.680/0.06
RYB RYB

METER

106.66 106.57
0.40 0.47
0.684/0.05
RYB RYB

B. CALIBRATION DATA :

a. Reading of Test Meter

b. Reading of Reference Meter

c. Percent Error

KVAH /**KVARH**

0.158%

0.158%

C. VOLTAGE MEASURED at a) RY 106.61 YB 106.71 BR 106.78
b) RG YG BG

METER READINGS :**A. Cumulative Parameter**

a. Time, Date, Month, Year

b. Demand with elapsed time

c. Self diagnostic condition

d. Present KVA, PF

e. Cumulative KWH

Existing**After Replacement**

14.85 20.06.25

20.06.25

000

000

0.09/0.684

0.25/0.682

174.12

174.12

B. BILLING PARAMETERS :

a. Billing KWH

b. Billing KVA

c. Billing PF (Universal TOD)

d. MD Reset Count

e. MD Reset Manual / Automatic on

170.98

174.12

0.028

0.107

0.876

0.826

18

19

Auto on

Auto on

RWA.0.107

3. CONSUMER EQUIPMENT DETAILS

a. Transformer Make.....

c. Capacity

e. Vector Group

g. D.G. Set Capacity.....

b. Voltage Class

d. Current

f. Sl. No.


Consumer's / Representatives Signature
with Seal

Asst. Executive Engineer (Ele.),

HT Rating Sub Division, Hoskote

BRAZ, BESCOM, Bangalore.