



BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

(Wholly owned Government of Karnataka Undertaking)

No. EEMT/AEE(O)/BRAZ/AEE HTR/ **HKT/25.26/528**

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

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

Sir,

Date **26.09.25**

Subject: Rating Report of HT/EHT Installation.

The H.T. Installation having the following details has been rated for periodical rating/complaint on **26.09.25**. 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. **HKT-161** CD **25.00** KVA CTR **35/1A** Previously rated on **23.10.24**
Activity **Ceramic Tariff HT-24** A Meter Constant **21000**
Name & Address of the Consumer.....

2. OBSERVATION & ADVICE ON TECHNICAL MATTER:

Periodical inspection along with 'B' phase PT replaced due to faulty on 23.10.24. Same reported 33.33% slow recording. Before and after replacing of faulty PT 'B' phase

3. ADVICE ON REVENUE MATTER:

Test values are satisfactory and errors are within permissible limits. The test values are enclosed for your reference. Exits 'B' phase overed on 23.10.24. Same are replaced by new one

4. DOWNLOADED DATA ANALYSIS ENCLOSED: YES/NO. on 26.09.25 upto ckwH-446.372

Summary of analysis if rated against complaint. Rate 33.33% slow recording above this consumption no need to take slow recording.

ANNEXURE

1. DETAILS OF SEALS:

R.R. No. **HKT-161**

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	BNT.28257	BNT.28258	Retained	Retained
2	TC Of Meter	BRAZC48287	BRAZC48290	- do -	- do -
3	M.D. Reset Knob	BRAZC48288	BRAZC48291	BRAZ0846206	BRAZ0846208
4	Optical Port	-	-	-	-
5	T.T.B	BRAZC48289	BRAZC48294	BRAZ0846207	Retained
6	Meter Chamber Main Door	BRAZC72926		BRAZ0846209	
7	Meter Reading Window	/	/	/	/
8	C.T./P.T. Chamber	/	/	/	/
9	Cable Entry Chamber	/	/	/	/
10	Hologram	HT.	HT.	Retained	Retained

2. DETAILS OF THE EQUIPMENTS:

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

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

$$MC = \frac{PT \text{ Ratio} \times CT \text{ Ratio} \times \text{Dial Constant}}{\text{Meter PT Ratio} \times \text{Meter CT Ratio}} = \frac{66/25/110/25 \times 35/1A}{1 \times 1} = 21000$$

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

Before replany,

5

	Existing	After Replacement	Existing	After Replacement
1. Make				
2. Type				
3. Class				
4. Insulation level				
5. Burden				
6. Ratio Connected				
7. Sl.No.	1. R	R	R	R
	2. Y	Y	Y	Y
	3. B	B	B	B

5. DETAILS OF METERS:
ETV Meter

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

main meter
Existing
LST
WR300.33.11KHS
0.25
3x63.5V
1A
50000
23019116 Dec-23

check meter
After Replacement
LST
WR300.33.11KHS
0.25
3x63.5V
1A
50000
23019329 Dec-23

6. 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

CALIBRATOR

KVAH/

33.33% slow accuracy

METER

62.68, 63.13, 0.00
0.268, 0.268, 0.226
0.946 / 0.0330
R.Y.B.

KVARH

33.33% slow accuracy

7. METER READINGS :

A. Cumulative Parameters

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

Existing
11.16 26.09.25
L00
0.0342 / 0.946
446.372
TOD 1. 62.143
2. 154.799
3. 66.414
4. 163.016

After Replacement
11.26 26.09.25
L00
446.444
TOD 1. 62.128
2. 154.695
3. 66.421
4. 163.199

B. BILLING PARAMETERS :

- Billing KWH

424.606
TOD 1. 59.323
2. 147.147
3. 62.836
4. 155.201
0.0521

424.674
TOD 1. 59.306
2. 147.010
3. 62.813
4. 155.184
0.0518

- Billing KVA

RWA - 0.0511

TOD 1. 0.0430
2. 0.0509
3. 0.0509
4. 0.0521
0.951

TOD 1. 0.0430
2. 0.0508
3. 0.0508
4. 0.0518
0.951

- Billing PF (Universal TOD)

RPF - 0.950

TOD 1. 0.953
2. 0.950
3. 0.956
4. 0.949
0.97

TOD 1. 0.953
2. 0.950
3. 0.956
4. 0.949
0.97

- MD Reset Count

- MD Reset Manual / Automatic On

Consumer's Representative's Signature



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

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MT Division, BRAZ, Bangalore.

Note: Take 33.33% slow recording up to 15 min / kWh - 446.372 due to
 3rd phase PT replaced by good one on 26.09.25
 23.10.2024 Same PT replaced by good one on 26.09.25

After Replacement of Faulty PT

	Existing	After Replacement	Existing	After Replacement
1. Make	SUNAN Control	main meter	Sumon Control	Sumon Control
2. Type	out door		out door	out door
3. Class	0.2		0.2	0.2
4. Insulation level	140 / 325 kv		140 / 325 kv	140 / 325 kv
5. Burden	2.5 VA		2.5 VA	2.5 VA
6. Ratio Connected	35 / 1.1 A		66 kv / 1.1 / 110 v / 23	66 kv / 1.1 / 110 v / 23
7. Sl.No.	1. R 66.48.203	R	R 66.24.710	R
	2. Y 10.45.96	Y	Y 66.24.711	Y
	3. B 66.24.707	B	B 66.24.712	B

(C) 3rd Phase PT Make Vidyuth Control / Main meter

5. DETAILS OF METERS:

- ETV Meter
- a. Make
 - b. Type
 - c. Class
 - d. Voltage
 - e. Ampere
 - f. Pulse / Unit
 - g. Dial Constant
 - h. Sl. No.

Existing
 L.S.T.
 WR300 BB NICHRS
 0.25
 3 X 63.5V
 1 A
 50000
 23015116 Dec 23

After Replacement
 L.S.T.
 WR 300 BB NICHRS
 0.25
 3 X 63.5V
 1 A
 50000
 23015329 Dec 23

6. A. CALIBRATION DETAILS:

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

CALIBRATOR
 64.43, 64.88, 64.92
 0.272, 0.263, 0.260
 0.932 / 0.0508
 RYB RYB
 KVAH/
 0.168%

METER
 64.48, 64.93, 64.97
 0.271, 0.262, 0.259
 0.937 / 0.0505
 RYB RYB
 KVARH

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
 13.49, 26.09.25
 0.00
 0.0557 / 0.937
 446.372
 TOD 1. 62.143
 2. 154.799
 3. 66.414
 4. 163.015

After Replacement
 13.55, 26.09.25
 0.00
 0.0554 / 0.938
 446.444
 TOD 1. 62.128
 2. 154.694
 3. 66.421
 4. 163.191

B. BILLING PARAMETERS :

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

446.372
 TOD 1. 62.143
 2. 154.799
 3. 66.414
 4. 163.015
 0.0511
 TOD 1. 0.0481
 2. 0.0502
 3. 0.0511
 4. 0.0507
 0.950
 TOD 1. 0.955
 2. 0.948
 3. 0.952
 4. 0.949
 28
 Auto on

446.444
 TOD 1. 62.128
 2. 154.694
 3. 66.421
 4. 163.191
 0.0511
 TOD 1. 0.0480
 2. 0.0501
 3. 0.0511
 4. 0.0506
 0.950
 TOD 1. 0.955
 2. 0.948
 3. 0.951
 4. 0.949
 28
 Auto on

Consumer's / Representative's Signature



AKR, Addl RF

26.09.25
 Asst. Executive Engineer (Ele.)
 H.T. Rating Sub-Division, Hoskote
 MT Division, BRAZ, Bangalore.