

HKHT 200
14

BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

(Wholly owned Government of Karnataka Undertaking)

No. EEMT/AEE(O)/BRAZ/AEE HTR/BRM/25.26/316.317

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,

Ref: AEE/HKT/ABT/25.26/24312216 ⁰⁷/₂₅ Date: 17.07.2025
Subject: Rating Report of HT/EMT Installation. Pse. Commission

The H.T. Installation having the following details has been rated for periodical rating/complaint on..17.07.25. 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: 1644 KVA Previously rated on..23.01.2025
R.R.NO. HKHT:200.CD.1604/1484 KVA CTR. 100/1 A Meter Constant..10000
Activity: ~~Factories~~.. Tariff: HT:20
Name & Address of the Consumer.....

2. OBSERVATION & ADVICE ON TECHNICAL MATTER:

As per your request Pse. Commission test Conducted on new 3CT 3PT metering cubicle for addition load at 1484 KVA to existing 160 KVA totalling 1644 KVA (Creeland exist 2CT 2PT metering cubicle) by abler replacing new 3CT 3PT metering

3. ADVICE ON REVENUE MATTER: Cubicle

The test values are found satisfactory and errors are found within permissible limits. For billing Final ready are separately enclosed in De-Commission report No. 13 and new Meter Constant 10,000 should be

4. DOWNLOADED DATA ANALYSIS ENCLOSED: YES/NO. 12ke

Summary of analysis if rated against complaint. N.Soft modem Speed for AMR Communication NSQW.715151

ANNEXURE

1. DETAILS OF SEALS:

R.R. No. HKHT:200

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	Bnk. 54504	Bnk. 54505		
2	TC Of Meter	BR1.0845653	BR1.0845656		
3	M.D. Reset Knob	BR1.0845654	BR1.0845657		
4	Optical Port M-C Seal	CAA-55143	CAA-55580		
5	T.T.B	BR1.0845655	BR1.0845658		
6	Meter Chamber Main Door	BR1.0845659			
7	Meter Reading Window	-			
8	C.T./P.T. Chamber	BR1.0845660			
9	Cable Entry Chamber	BR1.0845661			
10	Hologram	NT.107566	NT.107567		

2. DETAILS OF THE EQUIPMENTS:

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

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

$$MC = \frac{PT \text{ Ratio} \times CT \text{ Ratio} \times \text{Dial Constant}}{\text{Meter PT Ratio} \times \text{Meter CT Ratio}} = \frac{11KV/25/110V/25 \times 100/1A}{1 \times 1} = 10000$$

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

	Existing	After Replacement	Existing	After Replacement
1. Make	VYAMA		VYAMA	
2. Type	IND00R		IND00R	
3. Class	0.2S		0.2	
4. Insulation level	17.5/38/95kV		17.5/38/95kV	
5. Burden	2.5VA		2.5VA	
6. Ratio Connected	100/1A		11kV/13.1/11kV/13	
7. Sl.No.	1. R VYC-P-4624	R	R VYP-P-1353	R
	2. Y VYC-P-4625	Y	Y VYP-P-1353	Y
	3. B VYC-P-4626	B	B VYP-P-1354	B

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.

Main Meter

Existing

L&S Schneider
WR300BB11K LRS
0.2S
3x63.5V
1A
50000
24015022 Sep 24

check meter

After Replacement

L&S Schneider
WR300BB11K LRS
0.2S
3x63.5V
1A
50000
24014974 Sep 24

6. A. CALIBRATION DETAILS:

CALIBRATOR

METER

- 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

KVAH/
0.340

log 0.111 / KVARH
lead 0.067

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

Main Meter

Existing

11.53 17-07-2025
0.270
TOD 1. 0.156
2. 0.093
3. 0.000
4. 0.014

check meter

After Replacement

11.55 17-07-2025
0.325
TOD 1. 0.014
2. 0.274
3. 0.035
4. 0.000

B. BILLING PARAMETERS :

a. Billing KWH

0.270
TOD 1. 0.156
2. 0.093
3. 0.000
4. 0.014

b. Billing KVA

0.000
TOD 1. 0.000
2. 0.000
3. 0.000
4. 0.000

c. Billing PF (Universal TOD)

0.000
TOD 1. 0.000
2. 0.000
3. 0.000
4. 0.000

d. MD Reset Count

e. MD Reset Manual / Automatic On

15
Auto on

15
Auto on

Consumer's / Representative's Signature
With Seal

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

Note:- Take new meter constant / multiple constant - 70000 after counting
Initial reading 0.000 kWh main meter, 0.385 kWh check meter
0.270 kWh

