



BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

(Wholly owned Government of Karnataka Undertaking)

No. EEMT/AEE(O)/BRAZ/AEE HTR/11KT/25.26/325

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/AEE/25.26/2476 sub 17.07.25 Date: 17.07.2025

Subject: Rating Report of HT/EHT Installation.

The H.T. Installation having the following details has been rated for periodical rating/complaint on 17.07.25. 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. 11KHT/201 CD 300+200:500 KVA CTR. 15/11/25/11 Previously rated on 11-04-2025
Activity: Renovation. Tariff: HT. 21a. A Meter Constant: 1500 K 2500

Name & Address of the Consumer: HIS NATIONAL STANDARD INDUSTRY ENGINEERING (INDIA) LTD
No: 51, K.T. ADD. AREA, Pillagumma chm, Hoskote Sub. Division

2. OBSERVATION & ADVICE ON TECHNICAL MATTER:

As per your request, before commission test conducted for additional load of 200 kVA is existing 300 kVA totaling 500 kVA by replacing existing 25/11 CTR by 25/11 A CTR and T&D patch file uploaded for T&D billing.

3. ADVICE ON REVENUE MATTER:

Before commission test conducted before replacing CTRs the test values are found satisfactory and errors are found within permissible limit and pre-commission test conducted after replacing CTRs 15/11 A by 25/11 A the test values are found satisfactory and errors are found within permissible limit. NSW-705687 meter found for AMR communication.

4. DOWNLOADED DATA ANALYSIS ENCLOSED: YES/NO.

Summary of analysis if rated against complaint

ANNEXURE

1. DETAILS OF SEALS:

SL. NO.	Seals Provided to	R.R. No. 11KHT/201			
		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	BHH-38887		Retained	
2	TC Of Meter	BRA2A 82079		-b-	
3	M.D. Reset Knob	BRA7A 82080		BRM0845665	
4	Optical Port				
5	T.T.B	BRM174279			
6	Meter Chamber Main Door	BRM174280		Retained	
7	Meter Reading Window			BRM0845666	
8	C.T./P.T. Chamber				
9	Cable Entry Chamber	BRM1A82083		BRM0845667	
10	Hologram	BRM7C 72687		Retained	
		MT. 106150		-b-	

2. DETAILS OF THE EQUIPMENTS:

- a) Cubicle Type : Cable Entry / 6 bushing / 3 bushing / LBS. Make: VYOMA SLB 230332 K334
b) Cubicle Conditions & Location: Good. Sl. No.

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

$$MC = \frac{PT \text{ Ratio} \times CT \text{ Ratio} \times \text{Dial Constant}}{\text{Meter PT Ratio} \times \text{Meter CT Ratio}} = \frac{11KV/25/1100V/45 \times 25/11A}{1 \times 1} = 500$$

4. DETAILS OF CT's/ PT's:

2. The units of the equipment
3. In case of any discrepancy please inform the Competent Authority.

	Existing	After Replacement	Existing	After Replacement
1. Make	VYOM A	KALPA		
2. Type	INDOOR	INDOOR		
3. Class	0.9	0.25		
4. Insulation level	174/38/35kVp	151/38/35kVp		
5. Burden	2.5 VA	2.5 VA		
6. Ratio Connected	151/1 A	251/1 A		
7. Sl.No.	1. R UYC-P. 667	R. 8061/85	R.	R.
	2. Y UYC-P. 668	Y. 8062/85	Y.	Y.
	3. B UYC-P. 669	B. 8082/85	B.	B.

5. DETAILS OF METERS:

ETV Meter

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

Existing

WR300 5311K4RS
0.86
X 63.5V
1 A
50000
2300 2357 Jan. 23

After Replacement

6. A. CALIBRATION DETAILS:

- Voltage V1, V2, V3
- Current I1, I2, I3
- P.F. / K W
- Sequence
- % of Error
- Reading of Test Meter
- Reading of Reference Meter
- Percent Error

CALIBRATOR

66.66, 66.75, 66.46
0.409, 0.383, 0.383
0.992, 0.978
KVAH

METER

66.71, 66.24, 66.51
0.406, 0.382, 0.382
0.991, 0.978
KVAH

KVAH/

0.0408%

KVARH

0.0408%

7. METER READINGS :

A. Cumulative Parameters

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

TOD 1.

2.

3.

4.

TOD 1.

2.

3.

4.

B. BILLING PARAMETERS :

- Billing KWH

- Billing KVA

- Billing PF (Universal TOD)

- MD Reset Count
- MD Reset Manual/ Automatic On

Consumer's / Representative's Signature
With Seal

After Replacement

14.21

Existing

17.07.25

14.57

17.07.25

000

0.1143

0.998

1495.034

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