



Bangalore Electricity Supply Company Ltd.

Page 1 of 3
Format F-09-14

HT Rating Report

12012

No. EE MT / AEE(O) / BRAZ / AEE HTR /

To,

The Asst. Executive Engineer (Ele.),

Jigani O&M Sub-Division

BESCOM, Jigani

Sir,

Addl load
Exst + Addl = Total
100 + 100 = 200 KVA
CR 5/1 by 10/1A
MC 500 to 1000

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

Date 2/8/25

Subject : Rating Report of HT / EHT Installation

The H.T. Installation having the following details has been rated for periodical rating / complaint on 2/8/25
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. J6NHT-996 CD 100+100 = 200 KVA. Meter Constant 500 to 1000 Activity HT200

Name & Address of the Consumer.....

2. OBSERVATION & ADVICE ON TECHNICAL MATTER :

The installation meter is calibrated before and after replacement of CT's on account of additional load, the error recorded found to be within permissible limits.

3. ADVICE ON REVENUE MATTER :

New CD = 200 KVA

MC = 1000

4. DOWNLOADED TATA ANALYSIS ENCLOSED : YES / NO.

Summary of analysis if rated against complaint.....

Yours faithfully,

Hemalatha

Asst. Executive Engineer (Ele.),

HT Rating Sub Division, R/S

BRAZ, BESCOM, Bangalore.

Copy for kind information to :

1. The Executive Engineer Ele., MT Division, BRAZ, Bangalore.
2. Executive Engineer Ele, O&M Chandapura Division, BESCOM, Chandapura

In case of discrepancies :

3. Chief Engineer Ele., BRAZ, B'lore.
4. Superintendent of Police, Vigilance
5. Accounts Officer, Internal Audit.

12012

1. DETAILS OF SEALS :

TG/NHT-996

R.R. No.

Sl. No.	Seals Provided to	Sl. No. of Seals Found		Sl. No. of Seals Left	
		Lead	Plastic	Lead	Plastic
1.	M.C. of Meter		BMH 84954	2255194	Retained
2.	TC of Meter		BR2B 00585		
3.	M.D. Reset Knob		BR2B 00586		
4.	Optical Port				BRM1423400
5.	T.T.B.				
6.	Meter Chamber Main Door		BR2B 34189		BRM1423401
7.	Meter Reading Window		BR2B 34190		BRM1423402
8.	C.T. / P.T. Chamber				
9.	Cable Entry Chamber		BR2B 00589		BRM1423403
10.			BR2B 00590		BRM1423404
11.					

2. DETAILS OF THE EQUIPMENTS :

- a) Cubicle Type : Cable Entry / 6 bushing / 3 bushing / LBS. Make..... AS Existing Sl. No.
- b) Cubicle Conditions & Location..... Good
- c) Supply side G.O.S. : In Service / Direct / Removed
- d) Lightning Arrestor - Provided / Not Provided

3. DETAILS OF CTs / PTs :

	Existing	After Replacement	Existing	After Replacement
1. Make	Kalpa	Kalpa	Kalpa	
2. Type	WP	WP	Earthed	
3. Class	0.2	0.2S	0.2	
4. Insulation Level	15/38/95	15/38/95	15/38/95	
5. Burden	2.5	2.5	2.5	
6. Ratio Available	5/1	10/1 A	11kV/13/110V/13	
7. Ratio Connected	5/1	10/1 A		
8. Sl. No. 1.	22313	4576	27271	
2.	22314	4577	27272	
3.	22315	4583	27273	

4. DETAILS OF METERS :

ETV Meter

	Existing	After Replacement
a. Make	LMT	
b. Type	HR300BB11K4R9	
c. Class	0.2S	
d. Voltage	3X63.5	
e. Ampere	1 A	
f. Pulse / Unit	50000	
g. Dial Constant	1	
h. Sl. No.	23003389	

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

$$\frac{\text{PT Ratio} \times \text{CT Ratio} \times \text{Dial Constant}}{\text{Meter PT Ratio} \times \text{Meter CT Ratio}} = 1000$$

6. A. CALIBRATION DETAILS :

a.	Voltage V ₁ , V ₂ , V ₃	63.35 62.01 62.15	62.40, 62.04, 61.90
b.	Current I ₁ , I ₂ , I ₃	1.032 0.960 0.935	0.267 0.280 0.281
c.	P.F. / KW	0.1748	0.0611
d.	Sequence	Rev	Rev

B. CALIBRATION DATA :

	KVAH /	KVARH
a. Reading of Test Meter		
b. Reading of Reference Meter	sandy	sandy
c. Percent Error	0.095%	0.094%

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

7. METER READINGS :

A. Cumulative Parameter

	Existing	After Replacement
a. Time, Date, Month, Year	2/8/25 @ 14:31	2/8/25 @ 15:38
b. Demand with elapsed time		
c. Self diagnostic condition	ckt good	ckt good
d. Present KVA, PF	0.1862	0.0654
e. Cumulative KWH	711.627	0.988

B. BILLING PARAMETERS :

a. Billing KWH	708.465	711.627
b. Billing KVA	0.2522	0.2058
c. Billing PF (Universal TOD)	0.886	0.903
d. MD Reset Count	33	34
e. MD Reset Manual / Automatic on	Auto	manual

8. CONSUMER EQUIPMENT DETAILS

a. Transformer Make.....	b. Voltage Class
c. Capacity AS Existing	d. Current AS Existing
e. Vector Group	f. Sl. No.
g. D.G. Set Capacity.....	

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