



Bangalore Electricity Supply Company Ltd.

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HT Rating Report

2922

No. EE MT / AEE(O) / BRAZ / AEE HTR / *South / Addl load*

To,
The Asst. Executive Engineer (Ele.),

Attibelle O&M Sub-Division
BESCOM, *Attibelle*

Sir,

Subject : Rating Report of HT / EHT Installation

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

Date *7/11/25*

The H.T. Installation having the following details has been rated for periodical rating / complaint on *7/11/25*
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. *ATBHT-169* CD *180+70 = 250* KVA.

Previously rated on *21/8/25*
Meter Constant *1000 to 1500* Activity *HT2(B)*

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 addl load, the error recorded found to be within permissible limits. As per request

3. ADVICE ON REVENUE MATTER :

Ref Ltr: AEE(O) / ATB / AEE(T) / 5186 Dt 6/11/25

New CD = 250 kVA

MC = 1500

4. DOWNLOADED TATA ANALYSIS ENCLOSED : YES / NO.

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

Yours faithfully,

Asst. Executive Engineer (Ele.),

HT Rating Sub Division, *K/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.

ANNEXURE

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ATBHT-169

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R.R. No.

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		BMC6A511/C A-74065	}	Relined
2.	TC of Meter		BRA2A 96516		
3.	M.D. Reset Knob		BR 24070		BRM1424230
4.	Optical Port				
5.	T.T.B.		BRM1423577		BRM1424231
6.	Meter Chamber Main Door		BRM1423578		BRM1424232
7.	Meter Reading Window				
8.	C.T. / P.T. Chamber		BR 24073		BRM1424233
9.	Cable Entry Chamber		BRA 250077		BRM1424234
10.					
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	0.25	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	10/1	15/1	11kV/15/110V/13	
7. Ratio Connected	10/1	15/1	8	
8. Sl. No. 1.	293633	6468	273768	
2.	293634	6470/25	273769	
3.	293635	6473	273767	

4. DETAILS OF METERS :

ETV Meter

	Existing	After Replacement
a. Make	LHT	
b. Type	WR300BB11KAR3	
c. Class	0.25	
d. Voltage	3X63.5	
e. Ampere	1 A	
f. Pulse / Unit	50000	
g. Dial Constant	1	
h. Sl. No.	16094190	

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

$$\frac{\text{PT Ratio} \times \text{CT Ratio} \times \text{Dial Constant}}{\text{Meter PT Ratio} \times \text{Meter CT Ratio}} = 15/1 \times \frac{11\text{KV}}{\sqrt{3}} / \frac{110\text{V}}{\sqrt{3}} = 1500$$

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6. **A. CALIBRATION DETAILS :**

- Voltage V₁, V₂, V₃
- Current I₁, I₂, I₃
- P.F. / KW
- Sequence

Before CALIBRATOR **After METER**

61.99	60.87	61.46	62.55	61.59	62.09
0.198	0.259	0.133	0.102	0.128	0.119
0.997 / 0.0342			0.989 / 0.0179		
For			For		

B. CALIBRATION DATA :

- Reading of Test Meter
- Reading of Reference Meter
- Precent Error

KVAH /	KVARH
MTG	MTG
0.109 %	0.113 %

C. VOLTAGE MEASURED at a) RY YB BR

b) RG YG BG

7. **METER READINGS :**

A. Cumulative Parameter

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

Existing	After Replacement
7/11/25 @ 15:05	7/11/25 @
ckt good	ckt good
ok	ok
0.0382 / 0.997	0.0181 / 0.989
1464.49	1464.49

B. BILLING PARAMETERS :

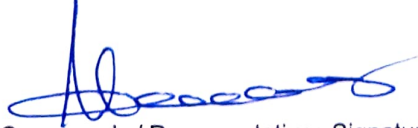
- Billing KWH
- Billing KVA
- Billing PF (Universal TOD)
- MD Reset Count
- MD Reset Manual / Automatic on

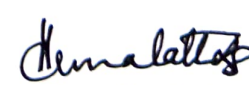
1462.01	1464.49
0.0511	0.0433
0.856	0.837
11	12
Auto	manual

8. **CONSUMER EQUIPMENT DETAILS**

- Transformer Make.....
- Capacity *As Existing*
- Vector Group
- D.G. Set Capacity.....

- Voltage Class
- Current */*
- Sl. No.


Consumer's / Representatives Signature
with Seal


Asst. Executive Engineer (Ele.),
HT Rating Sub Division, *R/S*
BRAZ, BESCOM, Bangalore.