



Bangalore Electricity Supply Company Ltd.

HT Rating Report

9625

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Format F-09-14

No. EE MT / AEE(O) / BRAZ / AEE HTR / VSHTR87

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

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

Date 11/11/2025

Additional load
Existing - 125 kVA
Additional - 90 kVA
Total 215 kVA

Subject : Rating Report of HT / EHT Installation

The H.T. Installation having the following details has been rated for periodical rating / complaint on 11-11-2025. 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. VSHTR87 CD 215 KVA. Previously rated on 03-03-2025
Meter Constant 1250 Activity Commercial
Name & Address of the Consumer Int. ANJALI DEVI w/o R.V. MURRAYA
at 44 No. 61/1, Hebbagoda village m Veerabhadra
Sub division of BESCOM (Ananthanagara O&M unit)

2. OBSERVATION & ADVICE ON TECHNICAL MATTER :

As per your letter reference no. AEE / AEM / VLP / 2025-26 / 1308 Dt. 10/11/2025 Additional load sanctioned from

3. ADVICE ON REVENUE MATTER : 125 kVA to 215 kVA. Hence the existing 7.5/1A CTs replaced by 12.5/1A CTs & calibrate the meter before & after replacement of CTs error is within permissible limits.

4. DOWNLOADED TATA ANALYSIS ENCLOSED : YES / NO.

Summary of analysis if rated against complaint. Meter data downloaded & analysed recording found correct.

FIR for k-750 - 135-361

FIR for k-1250 - 135-361

Yours faithfully,

V. K. S. S. S.
Asst. Executive Engineer (Ele.),

HT Rating Sub Division, chandrasekhar
BRAZ, BESCOM, Bangalore.

Copy for kind information to :

1. The Executive Engineer Ele., MT Division, BRAZ, Bangalore.

2. Executive Engineer Ele, O&M chandrasekhar Division, BESCOM, chandrasekhar

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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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	BMIC 68366	ENT 78503		
2.	TC of Meter	BMIC 09845		BMIC 16868	
3.	M.D. Reset Knob	BMIC 09846		BMIC 16869	
4.	Optical Port				
5.	T.T.B.	BMIC 09847		BMIC 16870	
6.	Meter Chamber Main Door	BMIC 09848		BMIC 16871	
7.	Meter Reading Window				
8.	C.T. / P.T. Chamber	BMIC 09849		BMIC 16872	
9.	Cable Entry Chamber	BMIC 09850		BMIC 16873	
10.					
11.					

R.R. No. NSMT 87

2. DETAILS OF THE EQUIPMENTS :

- a) Cubicle Type : Cable Entry / 6 bushing / 3 bushing / LBS. Make OMEGA Sl. No. OMEGA 24-3167
 b) Cubicle Conditions & Location Good 4 out of 6 units Y.N.R.
 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	PARA	PARA	PARA	
2. Type	INDOOR	INDOOR	INDOOR	
3. Class	0.2	0.2	0.2	
4. Insulation Level	15/38/95	15/38/95	15/38/95	
5. Burden	25 VA	25 VA	25 VA	
6. Ratio Available	7.5/1A	12.5/1A	100/110V	
7. Ratio Connected	7.5/1A	12.5/1A	75/75	
8. Sl. No. 1.	MCT 020892	5593	M/PT 018313	
2.	MCT 020893	5609	M/PT 018312	
3.	MCT 020894	5615	M/PT 018311	

4. DETAILS OF METERS :

ETV Meter

	Existing	After Replacement
a. Make	LT	
b. Type	WU 300BB.11.04.RS	
c. Class	0.2	
d. Voltage	3x634.5V	
e. Ampere	1 AMP	
f. Pulse / Unit	50.000	
g. Dial Constant	1	
h. Sl. No.	2402 1791	

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

PT Ratio x CT Ratio x Dial Constant

Meter PT Ratio x Meter CT Ratio = 1250 ONE THOUSAND TWO HUNDREDEN FIFTY ONLY

6. **A. CALIBRATION DETAILS :**

	CALIBRATOR	METER
a. Voltage V ₁ , V ₂ , V ₃	60.8, 60.6, 60.7	60.8, 60.6, 60.7
b. Current I ₁ , I ₂ , I ₃	0.236, 0.266, 0.223	0.236, 0.266, 0.223
c. P.F. / KW	0.985, 0.0435	0.985, 0.043
d. Sequence	Forward	Forward

B. CALIBRATION DATA :

	KVAH /	KVARH
a. Reading of Test Meter		
b. Reading of Reference Meter	CALIB-F	
c. Percent Error	0.051 %	

C. VOLTAGE MEASURED at a) RY 109.2V YB 108.9V BR 109.3V
b) RG 60.8V YG 60.6V BG 60.7V

7. **METER READINGS :**

A. Cumulative Parameter

	Existing	After Replacement
a. Time, Date, Month, Year	14:44 11/11/2015	
b. Demand with elapsed time	Good	
c. Self diagnostic condition	0.0436, 0.985	
d. Present KVA, PF		
e. Cumulative KWH	for R-250 } 135.361 for R-1250 }	

B. BILLING PARAMETERS :

a. Billing KWH	135.361	
b. Billing KVA	0.0577	
c. Billing PF (Universal TOD)	1.000	
d. MD Reset Count	15	
e. MD Reset Manual / Automatic on	Manual Reset	

8. **CONSUMER EQUIPMENT DETAILS**

a. Transformer Make	Chattanya Thad	b. Voltage Class	1100/433V
c. Capacity	500 KVA	d. Current	26.2 / 666.7A
e. Vector Group	YN dno 4.5%	f. Sl. No.	3724090137
g. D.G. Set Capacity			

Consumer's / Representatives Signature
with Seal

Asst. Executive Engineer (Ele.),
HT Rating Sub Division, Chandrapur
BRAZ, BESCO, Bangalore.