



Bangalore Electricity Supply Company Ltd.

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Format F-09-14

HT Rating Report

12013

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

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

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

Date.....4/8/25.....

Sir,

Subject : Rating Report of HT / EHT Installation

The H.T. Installation having the following details has been rated for periodical rating / complaint on 4/8/25.
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. AT&HT-273 CD 150+85=235 KVA. Meter Constant 750 to 1250 Activity HT 2(a)
Previously rated on 9/8/24 (PC)

Name & Address of the Consumer.....

2. OBSERVATION & ADVICE ON TECHNICAL MATTER :

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

3. ADVICE ON REVENUE MATTER :

New CD = 235 KVA

New MC = 1250

4. DOWNLOADED TATA ANALYSIS ENCLOSED : YES / NO.

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

Yours faithfully,

Himalaya

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.

1. DETAILS OF SEALS :

ABHT-273

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		BMJ 64663/PA 458162		
2.	TC of Meter		BRA2802459		
3.	M.D. Reset Knob		BRA2802460		BRM1423409
4.	Optical Port				
5.	T.T.B.		BRA2802461		BRM1423410
6.	Meter Chamber Main Door		BRA2802462		BRM1423411
7.	Meter Reading Window				
8.	C.T. / P.T. Chamber		BRA2802463		BRM1423412
9.	Cable Entry Chamber		BRA2802464		BRM1423413
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	0-2S	0-2	
4. Insulation Level	15/38/95	15/38/95	15/38/95	
5. Burden	2.5	2.5	25	
6. Ratio Available	7.5/1A	12.5/1A	11KV/15/10KV/5	
7. Ratio Connected	7.5/1A	12.5/1A		
8. Sl. No. 1.	494744	5484	496199	
2.	494743	5486/25	496185	
3.	494745	5488	496188	

4. DETAILS OF METERS :

ETV Meter

	Existing	After Replacement
a. Make	LST	
b. Type	WR300RB1/KARS	
c. Class	0-2S	
d. Voltage	3KV/3.5V	
e. Ampere	1A	
f. Pulse / Unit	50000	
g. Dial Constant	1	
h. Sl. No.	24005143	

ATSHF-273

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

$\frac{\text{PT Ratio} \times \text{CT Ratio} \times \text{Dial Constant}}{\text{Meter PT Ratio} \times \text{Meter CT Ratio}} = 1250$

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6. A. CALIBRATION DETAILS :

a. Voltage V₁, V₂, V₃

b. Current I₁, I₂, I₃

c. P.F. / KW

d. Sequence

Before
CALIBRATOR

58.80, 59.71, 59.82

0.278, 0.358, 0.329

0.0440

Forward

After
METER

B. CALIBRATION DATA :

a. Reading of Test Meter

b. Reading of Reference Meter

c. Percent Error

KVAH /

KVARH

sandy

0.081%

sandy

0.087%

C. VOLTAGE MEASURED at a) RY YB BR

b) RG YG BG

7. METER READINGS :

A. Cumulative Parameter

a. Time, Date, Month, Year

b. Demand with elapsed time

c. Self diagnostic condition

d. Present KVA, PF

e. Cumulative KWH

Existing

2/8/25 @ 12:02

ckt good

0.0545

PR 542.242

After Replacement

2/8/25 @

ckt good

0.0168

542.242

B. BILLING PARAMETERS :

a. Billing KWH

b. Billing KVA

c. Billing PF (Universal TOD)

d. MD Reset Count

e. MD Reset Manual / Automatic on

538.532

0.2686

0.834

20

Auto

rp 0.828

rm 0.2593

542.242

0.2593

0.828

21

Manual

0.000

0.000

8. CONSUMER EQUIPMENT DETAILS

a. Transformer Make

c. Capacity As Existing

e. Vector Group

g. D.G. Set Capacity

b. Voltage Class

d. Current As Existing

f. Sl. No.

Consumer's / Representatives Signature
with Seal

Hemalatha

Asst. Executive Engineer (Ele.),

HT Rating Sub Division, R/S

BRAZ, BESCO, Bangalore.