



Bangalore Electricity Supply Company Ltd.

Page 1 of 3
Format F-09-14

HT Rating Report

2658

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

To,

The Asst. Executive Engineer (Ele.),

O&M Sub-Division

BESCOM, Jigani

Sir,

Subject : Rating Report of HT / EHT Installation

The H.T. Installation having the following details has been rated for periodical rating / complaint on 5/6/2025. 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. J6NHT-897 CD 100+250=350 KVA.

Previously rated on 7/2/2025
500 to 2000
Meter Constant 2000 Activity

Name & Address of the Consumer

DOLPHIN DIE CAST PVT. LTD.

2. OBSERVATION & ADVICE ON TECHNICAL MATTER :

The installation meter is calibrated before & 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 = 350 kVA

New MC = 2000

4. DOWNLOADED TATA ANALYSIS ENCLOSED : YES / NO.

Summary of analysis if rated against complaint

Yours faithfully,

Hemalata

Asst. Executive Engineer (Ele.),

HT Rating Sub Division, Rural South

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

1. DETAILS OF SEALS : JGNHT-897 2658

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		BMD24710 AG15825		Retained
2.	TC of Meter		BRA2A53153		
3.	M.D. Reset Knob		BRA215022		BRA2B34696
4.	Optical Port				
5.	T.T.B.		BRA2B33531		BRA2B34697
6.	Meter Chamber Main Door		BRA2B33532		BRA2B34698
7.	Meter Reading Window				
8.	C.T. / P.T. Chamber		BRA2A62622		BRA2B34699
9.	Cable Entry Chamber		UPCS		BRA2B34700
10.					
11.					

2. DETAILS OF THE EQUIPMENTS :

- a) Cubicle Type : Cable Entry / 6 bushing / 3 bushing / LBS. Make..... Sl. No. As existing
- 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 / Moma	Retained
2. Type	WP	WP	Earthed	
3. Class	0.2S	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	5/1A	20/1A	11kV/15/110V/13	
7. Ratio Connected	5/1A	20/1A	—	
8. Sl. No. 1.	162347	7152	372705	
2.	1301	7153/25	372724	
3.	1289	7154	VYP-K9060	

4. DETAILS OF METERS :

ETV Meter

	Existing	After Replacement
a. Make	LSIT	Retained
b. Type	AR300BB11K4A9	
c. Class	0.2S	
d. Voltage	3X63.5	
e. Ampere	1A	
f. Pulse / Unit	50000	
g. Dial Constant	1	
h. Sl. No.	19002606	

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

$$\frac{\text{PT Ratio} \times \text{CT Ratio} \times \text{Dial Constant}}{\text{Meter PT Ratio} \times \text{Meter CT Ratio}} = 2000$$

6. A. CALIBRATION DETAILS :

a. Voltage V₁, V₂, V₃

b. Current I₁, I₂, I₃

c. P.F. / KW

d. Sequence

Before CT
Replacement
CALIBRATOR

60.88, 60.62, 60.71

0.814, 0.756, 0.805

0.0307

Rev

2658

After CT Replacement
METER

63.02, 62.73, 62.85

0.141, 0.124, 0.181

0.0280

Rev

B. CALIBRATION DATA :

a. Reading of Test Meter

b. Reading of Reference Meter

c. Percent Error

KVAH /

KVARH

Sandy

0.122%

Sandy

0.132%

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

5/6/25 @ 11:42

ckt good

0.966/0.1405

3480.71

After Replacement

5/6/25 @ 13:07

ckt good

0.990/0.0284

3480.71

B. BILLING PARAMETERS :

a. Billing KWH

b. Billing KVA

c. Billing PF (Universal TOD)

d. MD Reset Count

e. MD Reset Manual / Automatic on

3469.59

0.9282

0.983

78

Auto

3480.71

0.1836

0.987

79

manual.

8. CONSUMER EQUIPMENT DETAILS

a. Transformer Make.....

c. Capacity AS existing

e. Vector Group

g. D.G. Set Capacity.....

rmc - 0.1836

rp - 0.987

b. Voltage Class

d. Current AS existing

f. Sl. No.

0000

—

Consumer's / Representatives Signature
with Seal

Hemalatha
Asst. Executive Engineer (Ele.),

HT Rating Sub Division, Rural South
BRAZ, BESCOM, Bangalore.