

HT Rating Report

12038

No. EE MT / AEE(O) / BRAZ / AEE HTR / CDPHT 222

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

Periodical Rating
(short claim of FIC
difference)

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

Date.....29/08/2025

Sir,

Subject : Rating Report of HT / EHT Installation

The H.T. Installation having the following details has been rated for periodical rating / complaint on 29/08/2025
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 :

Previously rated on 26/09/2024

R.R. No. CDPHT 222-ED 130 KVA. Meter Constant 150 Activity Battery Test
Name & Address of the Consumer M/s SERVEWEL INDUSTRIES Engineering
Plot no: 19A veerasandra Industrial Area in
veerasandra Sub division & O&M BESCOM

2. OBSERVATION & ADVICE ON TECHNICAL MATTER :

For Periodical Rating we have conducted Bt
Plot 7 Periodical & calculate the meter error of

3. ADVICE ON REVENUE MATTER :

work on Permissible limit.
verified the bill & observed that FIC
short claim debited manually for temporary reduced
load on the month of August-2025 inltd of 32430

4. DOWNLOADED TATA ANALYSIS ENCLOSED : YES / NO.

debited - 31567 Difference
Summary of analysis if rated against complaint. Rs 863 to be claimed & please
verify the bill & from october-2024 to
till today & rectify the same.
Yours faithfully,

NOTE: Action to be taken to regularize the temporary load
reduction to avoid the billing error.

Asst. Executive Engineer (Ele.),

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

Copy for kind information to :

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

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

In case of discrepancies :

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

ANNEXURE

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R.R. No. CDP/H5/220

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	<u>C076928</u>	<u>11460851 + 11460846</u>		
2.	TC of Meter	<u>KRA2K05461</u>			
3.	M.D. Reset Knob	<u>KRA2K05462</u>			
4.	Optical Port				
5.	T.T.B.	<u>KRA2D31491</u>		<u>KRA2K16001</u>	
6.	Meter Chamber Main Door	<u>KRA2D31492</u>		<u>KRA2K16002</u>	
7.	Meter Reading Window				
8.	C.T. / P.T. Chamber	<u>KB 13699</u>			
9.	Cable Entry Chamber	<u>KB 13900</u>			
10.					
11.					

2. DETAILS OF THE EQUIPMENTS :

- a) Cubicle Type : Cable Entry / 6 bushing / 3 bushing / LBS. Make IEA Sl. No. IEA 984
b) Cubicle Conditions & Location Good sub door Yamb
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				
2. Type				
3. Class				
4. Insulation Level				
5. Burden	<u>As early</u>		<u>As early</u>	
6. Ratio Available				
7. Ratio Connected				
8. Sl. No. 1.				
2.				
3.				

4. DETAILS OF METERS :

ETV Meter

	Existing	After Replacement
a. Make	<u>IECURE</u>	
b. Type	<u>ES1054</u>	
c. Class	<u>0.5</u>	
d. Voltage	<u>3x63.5V</u>	
e. Ampere	<u>5AMP</u>	
f. Pulse / Unit	<u>16000</u>	
g. Dial Constant		
h. Sl. No.	<u>IES 78305 / 14</u>	



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

$$\frac{\text{PT Ratio} \times \text{CT Ratio} \times \text{Dial Constant}}{\text{Meter PT Ratio} \times \text{Meter CT Ratio}} = 150 \text{ (one hundred and fifty only)}$$

6. A. CALIBRATION DETAILS :

a. Voltage V₁, V₂, V₃

105.2, 106.0

105.53, 106.55v

b. Current I₁, I₂, I₃

0.53, 0.55

0.53, 0.55

c. P.F. / KW

0.983 / 0.10

0.983 / 0.10

d. Sequence

Forward

Forward

B. CALIBRATION DATA :

KVAH /

KVARH

a. Reading of Test Meter

.....

.....

b. Reading of Reference Meter

CALMET

.....

c. Percent Error

0.085%

.....

C. VOLTAGE MEASURED at a) RY

105.8

YB

106.0

BR

106.0

b) RG

105.8

YG

105.8

BG

106.8

7. METER READINGS :

A. Cumulative Parameter

Existing

After Replacement

a. Time, Date, Month, Year

19:52 29/08/25

b. Demand with elapsed time

Real time - 18:51 29/08/25

c. Self diagnostic condition

0.001

d. Present KVA, PF

0.10, 0.983

e. Cumulative KWH

1585.22

B. BILLING PARAMETERS :

a. Billing KWH

1545.09

b. Billing KVA

0.182

c. Billing PF (Universal TOD)

0.995

d. MD Reset Count

60

e. MD Reset Manual / Automatic on

Automatic

8. CONSUMER EQUIPMENT DETAILS

a. Transformer Make chebana the

b. Voltage Class 1100/400V

c. Capacity 250

d. Current 17.12 / 333.2

e. Vector Group D4U1 515X

f. Sl. No. 02D02231

g. D.G. Set Capacity

Consumer's / Representatives Signature
with Seal

Asst. Executive Engineer (Ele.),

HT Rating Sub Division, chandana

BRAZ, BESCO, Bangalore.

