



Bangalore Electricity Supply Company Ltd.

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Format F-09-14

HT Rating Report

10020

No. EE MT / AEE(O) / BRAZ / AEE HTR / MLR HT 6A

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

C.T.R. - 1.25/1A

MC - 125

Reduction of load

existing - 300 kva

Reduction - 275 kva

Balance - 25 kva

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

Date: 27/05/2025

Sir,

Subject : Rating Report of HT / EHT Installation

The H.T. Installation having the following details has been rated for periodical rating / complaint on 27/05/2025
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 14/11/2025

R.R. No. MLR HT 6A CD 25 KVA. Meter Constant 125 Activity vacant

Name & Address of the Consumer. M/s. SAHA HEALTH CARE PVT LTD

PLOT NO: 104, 108, 109 KADUR Industrial Area in

O&M Section 1 of Malur Sub division.



2. OBSERVATION & ADVICE ON TECHNICAL MATTER :

As per Your's letter reference no : AEE/MLR/ F.28 / 2024-25 / 7467 Dt : 04/02/2025

3. ADVICE ON REVENUE MATTER : 1 load sanctioned from 300 kva to 25 kva hence the existing 15/1A C.T. replaced by 1.25/1A C.T. & charged found O.K. Meter calibrated before & after replacement of C.T. error

4. DOWNLOADED TATA ANALYSIS ENCLOSED : YES / NO. is with in Permissible limits

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

Yours faithfully,

Asst. Executive Engineer (Ele.),

HT Rating Sub Division, K.G.F
BRAZ, BESCOM, Bangalore.

Copy for kind information to :

1. The Executive Engineer Ele., MT Division, BRAZ, Bangalore.
2. Executive Engineer Ele, O&M K.G.F Division, BESCOM, K.G.F

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 :

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	BMD 30930	C 032453		
2.	TC of Meter	BR 88087			
3.	M.D. Reset Knob	BR 88088		BR 2314368	
4.	Optical Port				
5.	T.T.B.	BR 231919		BR 2314369	
6.	Meter Chamber Main Door	BR 231920		BR 2314370	
7.	Meter Reading Window				
8.	C.T. / P.T. Chamber	BR 25346		BR 2314371	
9.	Cable Entry Chamber	BR 25347		BR 2314372	
10.					
11.					

2. DETAILS OF THE EQUIPMENTS :

- a) Cubicle Type : Cable Entry / 6 bushing / 3 bushing / LBS. Make..... PARAS Sl. No. 45 M 2302
- b) Cubicle Conditions & Location..... Good and door yard
- 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	<u>PARAS</u>	<u>KALPA</u>	<u>PARAS</u>	
2. Type	<u>INDOOR</u>	<u>INDOOR</u>	<u>INDOOR</u>	
3. Class	<u>0.2</u>	<u>0.25</u>	<u>0.2</u>	
4. Insulation Level	<u>15/38/45</u>	<u>15/38/45</u>	<u>15/38/45</u>	
5. Burden	<u>2.5VA</u>	<u>2.5VA</u>	<u>2.5VA</u>	
6. Ratio Available	<u>15/1A</u>	<u>1.25/1A</u>	<u>1100/110V</u>	
7. Ratio Connected	<u>15/1A</u>	<u>1.25/1A</u>	<u>15/1A</u>	
8. Sl. No. 1.	<u>M/CT 003882</u>	<u>81982</u>	<u>M/PT 003333</u>	
2.	<u>M/CT 003888</u>	<u>81983</u>	<u>M/PT 003338</u>	
3.	<u>M/CT 003889</u>	<u>81984</u>	<u>M/PT 003339</u>	

4. DETAILS OF METERS :

ETV Meter

	Existing	After Replacement
a. Make	<u>CAF</u>	
b. Type	<u>WR 300 BR 11 KARS</u>	
c. Class	<u>0.25</u>	
d. Voltage	<u>3x 63.5V</u>	
e. Ampere	<u>1 AMP</u>	
f. Pulse / Unit	<u>50.000</u>	
g. Dial Constant	<u>1</u>	
h. Sl. No.	<u>19.003142</u>	

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

$$\frac{\text{PT Ratio} \times \text{CT Ratio} \times \text{Dial Constant}}{\text{Meter PT Ratio} \times \text{Meter CT Ratio}} = 125 \text{ (one hundred twenty five only)}$$

6. A. CALIBRATION DETAILS :

	CALIBRATOR	METER
a. Voltage V ₁ , V ₂ , V ₃	62.5, 62.3, 61.8	62.5, 62.3, 61.8
b. Current I ₁ , I ₂ , I ₃	0.089, 0.082, 0.095	0.089, 0.082, 0.095
c. P.F. / KW	0.1429 / 0.0165	0.1429 / 0.0165
d. Sequence	Forward	Forward

B. CALIBRATION DATA :

	KVAH /	KVARH
a. Reading of Test Meter		
b. Reading of Reference Meter	1.147.66	
c. Percent Error		

C. VOLTAGE MEASURED at a) RY 109.5V YB 109.2V BR 109.2V
b) RG 62.5V YG 62.3V BG 61.8

7. METER READINGS :

A. Cumulative Parameter

	Existing	After Replacement
a. Time, Date, Month, Year	14:40 23/05/2020	
b. Demand with elapsed time		
c. Self diagnostic condition	Good	
d. Present KVA, PF	0.162, 0.929	
e. Cumulative KWH	1147.66	

B. BILLING PARAMETERS :

	Final Reading for K-1500	Initial Reading for K-125
a. Billing KWH	1147.66	1147.66
b. Billing KVA	0.0063	0.0063
c. Billing PF (Universal TOD)	0.896	0.896
d. MD Reset Count	76	76
e. MD Reset Manual / Automatic on	Manual Reset	Manual Reset

8. CONSUMER EQUIPMENT DETAILS

a. Transformer Make	Uthman Engineering	b. Voltage Class	11KV / 433V
c. Capacity	25	d. Current	131 / 33.33
e. Vector Group	DYN-11 451	f. SI. No.	LEW/25/EE L2/0177
g. D.G. Set Capacity			

Consumer's / Representatives Signature
with Seal



Asst. Executive Engineer (Ele.),

HT Rating Sub Division, K.C.F.
BRAZ, BESCOM, Bangalore.