



BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

(Wholly owned Government of Karnataka Undertaking)

No. EEMT/AEE(O)/BRAZ/AEE HTR/

To, The Asst. Executive Engineer (Ele),

Nelamangala O&M Sub-Division.

BESCOM Nelamangala

Office of the

Executive Engineer (Ele),

MT Division, BRAZ, BESCOM,

3rd Floor, Crescent towers,

Bangalore-560001.

Sir,

Date: 14/6/2025

Subject: Rating Report of HT/EHT Installation.

The H.T. Installation having the following details has been rated for periodical rating/complaint on 14/6/2025. You are requested to take action on the observations and advice 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. 7 PM11744 CD. 74 KVA KVA CTR. 5/1A Previously rated on 14/6/2025
Activity..... Tariff.....
Name & Address of the Consumer..... M/S Giga Engineering Company Pvt Ltd (B.G.S)
Nagamuru, Nelamangala.

2. OBSERVATION & ADVICE ON TECHNICAL MATTER:

The installation of the meter is calibrated and found ok and the meter records within the limits. The construction of the industry is not completed so they need to de-commission the

3. ADVICE ON REVENUE MATTER:

4. DOWNLOADED DATA ANALYSIS ENCLOSED: YES/NO.

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

ANNEXURE

1. DETAILS OF SEALS:

R.R. No. 7 PM11744

SL. No.	Seals Provided to	Sl. No. of Seals Found Plastic		Sl. No. of Seals Left Plastic	
		Main Meter	Check Meter	Main Meter	Check Meter
1	M.C. of Meter		RM764528		
2	TC Of Meter		BR12R 93541		
3	M.D. Reset Knob		BR12R 93540		
4	Optical Port				
5	T.T.B		BR12R 72523		
6	Meter Chamber Main Door		BR12R 72524		
7	Meter Reading Window				
8	C.T./P.T. Chamber		BR12R 93545		
9	Cable Entry Chamber		BR12R 72525		
10	Hologram		AT105150		

2. DETAILS OF THE EQUIPMENTS:

a) Cubicle Type : Cable Entry / 6 bushing / 3 busing / LBS. Make..... SL No.....

b) Cubicle Conditions & Location..... Good

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

$$MC = \frac{PT \text{ Ratio} \times CT \text{ Ratio} \times \text{Dial Constant}}{\text{Meter PT Ratio} \times \text{Meter CT Ratio}} = \frac{110V/100V \times 100/5 \times 5/1}{1 \times 1/1} = 500$$

4. DETAILS OF Ct's/ Pt's:

five hundred only.



	Existing	After Replacement	Existing	After Replacement
1. Make	15/38/95	/	15/38/95	/
2. Type	15/38/95	/	15/38/95	/
3. Class	15/38/95	/	15/38/95	/
4. Insulation level	15/38/95	/	15/38/95	/
5. Burden	15/38/95	/	15/38/95	/
6. Ratio Connected	15/38/95	/	15/38/95	/
7. Sl.No.	1. R	R	1. R	R
	2. Y	Y	2. Y	Y
	3. B	B	3. B	B

5. DETAILS OF METERS:

ETV Meter

- a. Make
b. Type
c. Class
d. Voltage
e. Ampere
f. Pulse / Unit
g. Dial Constant
h. Sl. No.

Existing
15/38/95
15/38/95
15/38/95
15/38/95
15/38/95
15/38/95
15/38/95

After Replacement

After Replacement
15/38/95
15/38/95
15/38/95
15/38/95
15/38/95
15/38/95
15/38/95

6. A. CALIBRATION DETAILS:

- a. Voltage V1, V2, V3
b. Current I1, I2, I3
c. P.F. / KW
d. Sequence

B. % of Error

- a. Reading of Test Meter
b. Reading of Reference Meter
c. Percent Error

Existing
15/38/95
15/38/95
15/38/95
15/38/95
15/38/95
15/38/95
15/38/95

After Replacement
15/38/95
15/38/95
15/38/95
15/38/95
15/38/95
15/38/95
15/38/95

KVAH/

KVARH

7. METER READINGS :

A. Cumulative Parameters

- a. Time Date, Month, Year
b. Demand with elapsed time
c. Self-diagnostic condition
d. Present KVA. PF
e. Cumulative KWH

Existing
16:08 14/06/2025
Good
0.0051/0.145
222.299

After Replacement
16:15 14/06/2025
Good
0.0050/0.142
223.299

TOD 1. /
2. /
3. /
4. /

TOD 1. /
2. /
3. /
4. /

B. BILLING PARAMETERS :

- a. Billing KWH

220.029
TOD 1. /
2. /
3. /
4. 0.0638

223.299
TOD 1. /
2. /
3. /
4. 0.0285

- b. Billing KVA

TOD 1. /
2. /
3. /
4. 0.839

TOD 1. /
2. /
3. /
4. 0.778

- c. Billing PF (Universal TOD)

TOD 1. /
2. /
3. /
4. 1.7

TOD 1. /
2. /
3. /
4. 2.0

- d. MD Reset Count

- e. MD Reset Manual / Automatic On

Consumer's / Representative's Signature
With Seal

152.426
1.416
322.265

154.802
1.429
322.464

Asst. Executive Engineer (Elec.)
H.T. Rating Sub-Division
MT Division, BAZ, Bangalore
HT Rating Rural North,
BAZ, BESCO,
BANGALORE.