



# BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

(Wholly owned Government of Karnataka Undertaking)

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

To,

The Asst. Executive Engineer (Ele),

O&M Sub-Division.

BESCOM.....

Sir,

NC-250

Total- 25 KVA

Office of the  
Executive Engineer (Ele),  
MT Division, BRAZ, BESCOM,  
3rd Floor, Crescent towers,  
Bangalore-560001.

Date. 24/6/25

**Subject: Rating Report of HT/EHT Installation.**

The H.T. Installation having the following details has been rated for periodical rating/complaint on 24/6/25. 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. CPVHT 15 CD: 150-125=25 KVA CTR. 2.5/1 Previously rated on 14/2/25

Activity Industry Tariff HT 2(a)

Name & Address of the Consumer.....

## 2. OBSERVATION & ADVICE ON TECHNICAL MATTER:

As per the request of AEE CPTUrbn H.No. 439/dt. 17/6/25. For rating of HT installation of EEMT BRAZ conducted decomposition & re-rating on reduction of load from 150 KVA - 125 KVA = 25 KVA duly following & changing CT's of

## 3. ADVICE ON REVENUE MATTER:

10/1 by 250/1A carrying out the test & calibration. Calibrated the meter before & after reduction of load & it was found that the error is within the permissible limit of accuracy class.

## 4. DOWNLOADED DATA ANALYSIS ENCLOSED: YES/NO.

Summary of analysis if rated against complaint. S.No. - 701452

## ANNEXURE

### 1. DETAILS OF SEALS:

R.R. No. CPVHT 15

| SL.N<br>O. | 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           | BNT58058/PAW24195              |             | Retained                      |             |
| 2          | TC Of Meter             | BRA2D00754                     |             |                               |             |
| 3          | M.D. Reset Knob         | 00755                          | BRA2D4569   |                               |             |
| 4          | Optical Port            | —                              |             |                               |             |
| 5          | T.T.B                   | BRA2C20616                     | 45602       |                               |             |
| 6          | Meter Chamber Main Door | 20617                          | 45603       |                               |             |
| 7          | Meter Reading Window    | —                              |             |                               |             |
| 8          | C.T./P.T. Chamber       | BRA2D00758                     | 45604       |                               |             |
| 9          | Cable Entry Chamber     | 00759                          | 45605       |                               |             |
| 10         | Hologram                |                                |             |                               |             |

### 2. DETAILS OF THE EQUIPMENTS:

- a) Cubicle Type : Cable Entry / 6 bushing / 3 busing / LBS. Make..... Sl. No. ....  
b) Cubicle Conditions & Location.....

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

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

$$\frac{11KV/110V \times 25/1X1}{1X1} = 250$$

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

| Existing            |          | After Replacement |          | Existing |  | After Replacement |  |
|---------------------|----------|-------------------|----------|----------|--|-------------------|--|
| 1. Make             | PARAS    |                   | KWYA     | PARAS    |  |                   |  |
| 2. Type             | Indoor   |                   | Indoor   | Indoor   |  |                   |  |
| 3. Class            | 0.25     |                   | 0.25     | 0.25     |  |                   |  |
| 4. Insulation level | 15/38/95 |                   | 15/38/95 | 15/38/95 |  |                   |  |
| 5. Burden           | 2.5VA    |                   | 2.5VA    | 2.5VA    |  |                   |  |
| 6. Ratio Connected  | 10/1     |                   | 2.5/1A   | 11KV/53  |  |                   |  |
| 7. Sl.No.           | 1. R     |                   | R        | 16774    |  |                   |  |
|                     | 2. Y     |                   | Y        | 16775    |  |                   |  |
|                     | 3. B     |                   | B        | 16776    |  |                   |  |

##### 5. DETAILS OF METERS:

###### ETV Meter

| Existing         |              | After Replacement |  |
|------------------|--------------|-------------------|--|
| a. Make          | LET          |                   |  |
| b. Type          | W300BB11K4RS |                   |  |
| c. Class         | 0.25         |                   |  |
| d. Voltage       | 3x63.5V      |                   |  |
| e. Ampere        | 1            |                   |  |
| f. Pulse / Unit  | 50000        |                   |  |
| g. Dial Constant | 1            |                   |  |
| h. Sl. No.       | 23017910     |                   |  |

##### 6. A. CALIBRATION DETAILS:

| CALIBRATOR                    |                     | METER  |                     |
|-------------------------------|---------------------|--------|---------------------|
| a. Voltage V1, V2, V3         | 60.83, 61.32, 61.51 |        | 60.04, 61.63, 61.85 |
| b. Current I1, I2, I3         | 0.041, 0.108, 0.083 |        | 0.022, 0.023, 0.020 |
| c. P.F. / KW                  | 0.798 / 0.0085      |        | 0.803 / 0.0021      |
| d. Sequence                   | Power               |        | Power               |
| B. % of Error                 |                     |        |                     |
| a. Reading of Test Meter      | KVAH/               | 0.167% | KVARH               |
| b. Reading of Reference Meter |                     |        |                     |
| c. Percent Error              |                     |        |                     |

##### 7. METER READINGS :

###### A. Cumulative Parameters

- Time Date, Month, Year
- Demand with elapsed time
- Self-diagnostic condition
- Present KVA. PF
- Cumulative KWH

| Existing       |       | After Replacement |       |
|----------------|-------|-------------------|-------|
| 24/6/25        | 14:01 | 24/6/25           | 15:15 |
| 0.0020 / 0.803 |       | 0.0085 / 0.798    |       |
| 155.908        |       | 155.908           |       |
| TOD 1.         |       | TOD 1.            |       |
| 2.             |       | 2.                |       |
| 3.             |       | 3.                |       |
| 4.             |       | 4.                |       |

###### B. BILLING PARAMETERS :

- Billing KWH

|         |  |         |  |
|---------|--|---------|--|
| 153.988 |  | 155.908 |  |
| TOD 1.  |  | TOD 1.  |  |
| 2.      |  | 2.      |  |
| 3.      |  | 3.      |  |
| 4.      |  | 4.      |  |

- Billing KVA

|        |  |        |  |
|--------|--|--------|--|
| 0.0102 |  | 0.0099 |  |
| TOD 1. |  | TOD 1. |  |
| 2.     |  | 2.     |  |
| 3.     |  | 3.     |  |
| 4.     |  | 4.     |  |

- Billing PF (Universal TOD)

|        |  |        |  |
|--------|--|--------|--|
| 0.890  |  | 0.882  |  |
| TOD 1. |  | TOD 1. |  |
| 2.     |  | 2.     |  |
| 3.     |  | 3.     |  |
| 4.     |  | 4.     |  |

- MD Reset Count

- MD Reset Manual/ Automatic On

|      |  |        |  |
|------|--|--------|--|
| 22   |  | 23     |  |
| Auto |  | Manual |  |

Consumer's / Representative's Signature  
With Seal

S. D. Jeyaraj  
Asst. Executive Engineer (Elg)  
H.T. Rating Sub-Division  
MT Division, BRAZ, Bangalore.