



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, Metamangala

DHTP 135

Addn of Load

CD: 200425 = 225kVA

CTR: 12.5/1A

MC: 1250

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

Sir,

Date 04/03/2025

Subject: Rating Report of HT/EHT Installation.

The H.T. Installation having the following details has been rated for periodical rating/complaint on 04/03/2025. 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. DHTP 135 CD 225kVA KVA CTR 12.5/1A Previously rated on 24/09/2024
Activity Tariff HT 2A A Meter Constant 1250
Name & Address of the Consumer M/s. Jyoti Labs Ltd. Apparel Park
KIAOB, Industrial Area, D.R. Purva (1)

2. OBSERVATION & ADVICE ON TECHNICAL MATTER:

The installation of the meter is calibrated before and after the replacement of CTs and found ok. And the meter records with in the permissible limit.

3. ADVICE ON REVENUE MATTER:

Ex CD: 200kVA New CD: 225kVA
Ex CTR: 10/1A New CTR: 12.5/1A
Ex MC: 1000 New MC: 1250

4. DOWNLOADED DATA ANALYSIS ENCLOSED: YES/NO.

Summary of analysis if rated against complaint.

ANNEXURE

1. DETAILS OF SEALS:

R.R. No. DHTP 135

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		BM977681		U
2	TC Of Meter		BR12A22604		
3	M.D. Reset Knob		BR1296913		BR12B23842
4	Optical Port				
5	T.T.B		BR12B94712		BR12B23848
6	Meter Chamber Main Door		BR12B94713		BR12B23849
7	Meter Reading Window				
8	C.T./P.T. Chamber		BR1296926		BR12B23850
9	Cable Entry Chamber		BR1296927		
10	Hologram		MT104302		

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) :

$$MC = \frac{PT \text{ Ratio} \times CT \text{ Ratio} \times Dial \text{ Constant}}{\text{Meter PT Ratio} \times \text{Meter CT Ratio}} = \frac{11kV/\sqrt{3}/110/\sqrt{3} \times 12.5/1 \times 1}{1 \times 1} = 1250$$

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

One Thousand Two Hundred Fifty only



1. Make
2. Type
3. Class
4. Insulation level
5. Burden
6. Ratio Connected
7. Sl.No.

Existing

After Replacement

Existing

After Replacement

1. R
2. Y
3. B

R

Y

B

R

Y

B

R

Y

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

After Replacement

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

CALIBRATOR

METER

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

After Replacement

B. BILLING PARAMETERS :

- a. Billing KWH
- b. Billing KVA
- c. Billing PF (Universal TOD)

- d. MD Reset Count
- e. MD Reset Manual/ Automatic On

Consumer's / Representative's Signature
With Seal

Assistant Executive Engineer (Elec.)
HT Rating Sub-Division
MT Division, Bangalore.
BANGALORE.