



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. **ADDN of Load**

BESCOM **Aleluwanga**

CD: 400+350 = 750 kVA

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

Sir,

CTR: 40/1A

MC: 4000

Date **13/06/2025**

Subject: Rating Report of HT/EHT Installation.

The H.T. Installation having the following details has been rated for periodical rating/complaint on **13/06/2025**. 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. **0HTP326** CD **750** KVA CTR **40/1A** Previously rated on **06/11/2024** A Meter Constant **4000**

Activity **Industry** Tariff **172A**

Name & Address of the Consumer **M/s Chalapedia Cable Material Pvt Ltd Sy No 18**
K.P. Kuntanahalli, Basheethyhalli

2. OBSERVATION & ADVICE ON TECHNICAL MATTER:

The installation of meter is calibrated before and after the replacement of CTR and found OK and the meter records within the permissible limit.

3. ADVICE ON REVENUE MATTER:

Ex CD: **400 kVA**

Ex CTR: **20/1A**

Ex MC: **2000**

Allow CD: **750 kVA**

New CTR: **40/1A**

New MC: **4000**

Meter: **N/Serial 212374**

STPPV: **280 KWP**

4. DOWNLOADED DATA ANALYSIS ENCLOSED: YES/NO.

Summary of analysis if rated against complaint

ANNEXURE

1. DETAILS OF SEALS:

R.R. No. **0HTP326**

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	BR12B28667	BR12B28668		
2	TC Of Meter	BR12B21228	BR12B21281		
3	M.D. Reset Knob	BR12B21229	BR12B21282	BR12B23602	BR12B23604
4	Optical Port				
5	T.T.B	BR12B21283	BR12B21283	BR12B23603	BR12B23605
6	Meter Chamber Main Door	BR12B21281		BR12B23606	
7	Meter Reading Window				
8	C.T./P.T. Chamber	BR12A28933		BR12B23607	
9	Cable Entry Chamber	BR12A28934		BR12B23608	
10	Hologram				

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) :

$$MC = \frac{PT \text{ Ratio} \times CT \text{ Ratio} \times \text{Dial Constant}}{\text{Meter PT Ratio} \times \text{Meter CT Ratio}} = \frac{1100/5/1100 \times 40/1 \times 1}{1} = 4000$$

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

For Thailand only

The "Commission" means the Karnataka Electricity Regulatory Commission.
Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

	Existing	After Replacement	Existing	After Replacement
1. Make	Vijaya	Vijaya	Vijaya	Vijaya
2. Type	0.8	0.85	0.8	0.85
3. Class	17.5/38/15 EV	15/38/15 EV	17.5/38/15 EV	15/38/15 EV
4. Insulation level	2.5 VA	2.5 VA	2.5 VA	2.5 VA
5. Burden	200/1A	200/1A	200/1A	200/1A
6. Ratio Connected	VYE-P368	31148 D	VYE-P368	31148 D
7. Sl.No.	1. R 2. Y 3. B	R Y B	R Y B	R Y B

5. DETAILS OF METERS:

	Existing	After Replacement
ETV Meter	Maxim meter	Check meter
a. Make	187	187
b. Type	W30008811 BE DIMS2	W30008811 BE DIMS2
c. Class	0.25	0.25
d. Voltage	3x63.5 V	3x63.5 V
e. Ampere	1A	1A
f. Pulse / Unit	50000	50000
g. Dial Constant	23011141	23011143
h. Sl. No.		

6. A. CALIBRATION DETAILS:

	Before	Check	METER
a. Voltage V1, V2, V3	64.54, 64.50, 64.33	64.90, 64.52	64.33, 64.50, 64.52
b. Current I1, I2, I3	0.304, 0.309, 0.314	0.330, 0.304, 0.311	0.310, 0.313, 0.314
c. P.F. / K W	1.00/0.0593	1.00/0.0593	0.998/0.0591
d. Sequence	RBV	RBV	RBV
B. % of Error			
a. Reading of Test Meter	MTE	MTE	MTE
b. Reading of Reference Meter	0.042%	0.046%	0.048%
c. Percent Error			0.049%

7. METER READINGS :

	Existing	After Replacement
A. Cumulative Parameters		
a. Time Date, Month, Year	12:54 13/06/15	13:27 13/06/15
b. Demand with elapsed time	Good	Good
c. Self-diagnostic condition	0.0522/1.00	0.0541/0.998
d. Present KVA. PF	819.532	819.584
e. Cumulative KWH	28.198	28.198
B. BILLING PARAMETERS:		
a. Billing KWH	22.424	22.424
b. Billing KVA	0.2554	0.2583
c. Billing PF (Universal TOD)	0.998	0.997
d. MD Reset Count	26	26
e. MD Reset Manual/ Automatic On	Automatic	Automatic

Consumer's / Representative's Signature
With Seal

Assistant Executive Engineer (Elec)
H.T. Rating Sub-Division
MT Division, BANGALORE.