



BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

(Wholly owned Government of Karnataka Undertaking)

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

047P336

Office of the

Executive Engineer (Ele),
MT Division, BRAZ, BESCOM,

3rd Floor, Crescent towers,
Bangalore-560001.

To,

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

BESCOM.

Red'n of Load

CD: 400-250 = 150kVA

CTR: 7.5/1A

MC: 750

Sir,

Date: 25/06/2025

Subject: Rating Report of HT/EHT Installation.

The H.T. Installation having the following details has been rated for periodical rating/complaint on 25/06/2025. 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:

Previously rated on: 21/06/2024

R.R.NO. 047P336 CD: 150kVA KVA CTR: 7.5/1A A Meter Constant: 750

Activity: Metering 1777 Tariff: M/s. Kanvelkumar Sugai and Allied Industries

Name & Address of the Consumer: D.B. Puro(U)

2. OBSERVATION & ADVICE ON TECHNICAL MATTER:

The installation of the meter is calibrated before and after the replacement of CT's and found ok. And the meter records within the limit.

3. ADVICE ON REVENUE MATTER:

Ex. CD: 400kVA New CD: 150kVA

Ex. CTR: 20/1A New CTR: 7.5/1A Meter No: NS4W716339

Ex. MC: 2000 New MC: 750

4. DOWNLOADED DATA ANALYSIS ENCLOSED: YES/NO.

Summary of analysis if rated against complaint

ANNEXURE

1. DETAILS OF SEALS:

R.R. No. 047P336

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		BM774419		
2	TC Of Meter	BRA2B93569			
3	M.D. Reset Knob	BRA2B93570		BRA2B93755	
4	Optical Port				
5	T.T.B	BRA2B93521		BRA2B93756	
6	Meter Chamber Main Door	BRA2B93572		BRA2B93757	
7	Meter Reading Window				
8	C.T./P.T. Chamber	BRA2B93523		BRA2B93758	
9	Cable Entry Chamber	BRA2B93524			
10	Hologram	MT105491			

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) :

$$MC = \frac{PT \text{ Ratio} \times CT \text{ Ratio} \times \text{Dial Constant}}{\text{Meter PT Ratio} \times \text{Meter CT Ratio}} = \frac{11kV/\sqrt{3}/110/\sqrt{3} \times 7.5/1 \times 1}{1 \times 1} = 750$$

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

Seven hundred Fifty only.



	Existing	After Replacement	Existing	After Replacement
1. Make	KALPA	KALPA	/	/
2. Type	34000	34000	/	/
3. Class	0.25	0.25	/	/
4. Insulation level	15/28/95KV	15/28/95KV	/	/
5. Burden	2.5VA	2.5VA	/	/
6. Ratio Connected	20/1A	2.5/1A	As Existing	/
7. Sl.No.	1. R 18330	R 16344	/	R
	2. Y 18331	Y 16345	/	Y
	3. B 18332	B 16346	/	B

5. DETAILS OF METERS:
ETV Meter

	Existing	After Replacement
a. Make	LET	/
b. Type	WE200BB11K4RS	/
c. Class	0.25	/
d. Voltage	2X62.5V	/
e. Ampere	1A	/
f. Pulse / Unit	50000	/
g. Dial Constant	1	/
h. Sl. No.	24006413	/

6. A. CALIBRATION DETAILS:

	CALIBRATOR	After Replacement METER
a. Voltage V1, V2, V3	63.22, 63.98, 63.62	62.45, 63.85, 63.68
b. Current I1, I2, I3	0.028, 0.028, 0.028	0.046, 0.039, 0.042
c. P.F. / KW	0.798 / 0.0043	0.810 / 0.0042
d. Sequence	PV8	PV8
B. % of Error	KVAH/	KVARH
a. Reading of Test Meter	Sound	Sound
b. Reading of Reference Meter	0.050%	0.051%
c. Percent Error		

7. METER READINGS :

	Existing	After Replacement
A. Cumulative Parameters		
a. Time Date, Month, Year	12:38 25/06/2025	12:45 25/06/2025
b. Demand with elapsed time	Good	Good
c. Self-diagnostic condition	0.0056 / 0.798	0.0056 / 0.810
d. Present KVA. PF	34.634	34.634
e. Cumulative KWH		
TOD 1.	/	/
2.	/	/
3.	/	/
4.	/	/

B. BILLING PARAMETERS :

a. Billing KWH	32.246	34.634
TOD 1.	/	/
2.	/	/
3.	/	/
4.	/	/
b. Billing KVA	0.0440	0.0368
TOD 1.	/	/
2.	/	/
3.	/	/
4.	/	/
c. Billing PF (Universal TOD)	0.730	0.820
TOD 1.	/	/
2.	/	/
3.	/	/
4.	/	/
d. MD Reset Count	18	19
e. MD Reset Manual/ Automatic On	Automatic	Manual

Consumer's / Representative's Signature
With Seal

Asst. Executive Engineer (EE)
Rating Sub-Division
HYDRONET, BRAZ, Bangalore.
BRAZ, BESCO,
BANGALORE.