



BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

(Wholly owned Government of Karnataka Undertaking)

18

No. EEMT/AEE(O)/BRAZ/AEE HTR/
To,
The Asst. Executive Engineer (Ele),
O&M Sub-Division.
BESCOM.....

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

Sir,

Date 18/9/25

Subject: Rating Report of HT/EHT Installation.

The HT Installation having the following details has been rated for periodical rating/complaint on 18/9/25. 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. RMC/HTP-1
Activity Industry
Name & Address of the Consumer. Serapatty Whitey PV - NO 10 Industry A Challe Bananagav
Previously rated on 26/3/25
A Meter Constant. New - 12500

2. OBSERVATION & ADVICE ON TECHNICAL MATTER:
An request of AEE RSD dated 17/9/25 NO-818 dt-17/9/25 & order with order of EENTORAZ conducted disconnection & reconnection test on additional load from 2000 KVA to 2500 KVA by charging CT x of 100/1 by 125/1A
3. ADVICE ON REVENUE MATTER:
Calculated the check & new meter before & after load change test & found that the error is within the limits of permissible accuracy limit.
4. DOWNLOADED DATA ANALYSIS ENCLOSED: YES/NO.
Summary of analysis if rated against complaint. Notary done.

ANNEXURE

1. DETAILS OF SEALS:

R.R. No. RMC/HTP-1

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	BMA75182	524044	BMB05146	B447058
2	TC Of Meter	BRA2C20919		BRA237048	
3	M.D. Reset Knob	BRA237046	BRA2046488	37049	46490
4	Optical Port			TTB-2	
5	T.T.B-1	BRA2C20920	46489	20921	46491
6	Meter Chamber Main Door	20922	46492		
7	Meter Reading Window				
8	C.T./P.T. Chamber	BRA264732	46493		
9	Cable Entry Chamber	64733	46494		
10	Hologram				

2. DETAILS OF THE EQUIPMENTS:

- a) Cubicle Type : Cable Entry / 6 bushing / 3 bushing / LBS. Make.....
b) Cubicle Conditions & Location.....

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

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

old 11KV/110V X 100/1X1 = 10,000
New 1X1
11KV/110V X 125/1X1 = 12500

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

	Existing	After Replacement	Existing	After Replacement
1. Make	Kalpa	Kalpa	Kalpa	Kalpa
2. Type	Indoor	Indoor	Indoor	Indoor
3. Class	0.25	0.25	0.2	0.2
4. Insulation level	15/38/25	15/38/25	15/38/25	15/38/25
5. Burden	2.51A	2.51A	2.51A	2.51A
6. Ratio Connected	100/1	125/1	111V/53	111V/53
7. Sl.No.	1. R 39100	R. 12178	R. 145152	R. 145153
	2. Y 39102	Y. 12183	Y. 145153	Y. 145154
	3. B 39101	B. 12184	B. 145154	B. 145154

5. DETAILS OF METERS:

	Existing	After Replacement
a. Make	WR300B B11H4RS	
b. Type	0.25	
c. Class	3x63.5V	
d. Voltage	50000	
e. Ampere	1	
f. Pulse / Unit	16090929	
g. Dial Constant		
h. Sl. No.		

6. A. CALIBRATION DETAILS:

	Existing	After Replacement
a. Voltage V1, V2, V3	63.51 63.92 63.95	61.89 62.31 62.20
b. Current I1, I2, I3	0.111 0.113 0.111	0.693 0.678 0.681
c. P.F. / KW	0.498 / 0.0020	0.889 / 0.121
d. Sequence	Forward	Forward
B. % of Error	KVAH/ 0.108/	0.066/ KVARH
a. Reading of Test Meter		
b. Reading of Reference Meter		
c. Percent Error	within the limit	within the limit

7. METER READINGS :

	Existing	After Replacement
A. Cumulative Parameters		
a. Time Date, Month, Year	18/9/25 - 12:05	18/9/25 - 13:39
b. Demand with elapsed time		
c. Self-diagnostic condition		
d. Present KVA. PF	0.1295 / 0.889	0.0234 / 0.498
e. Cumulative KWH	4212.77	4212.77
	TOD 1. 607.27	TOD 1. 607.27
	2. 1450.23	2. 1450.23
	3. 725.93	3. 725.93
	4. 1429.27	4. 1429.27
B. BILLING PARAMETERS :		
a. Billing KWH	4163.56	4212.77
	TOD 1. 607.27	TOD 1. 607.27
	2. 1431.90	2. 1450.23
	3. 717.75	3. 725.93
	4. 1412.47	4. 1429.27
b. Billing KVA	0.2108	0.1958
	TOD 1. 0.876	TOD 1. 0.884
	2. 0.876	2. 0.884
	3. 0.876	3. 0.884
	4. 0.876	4. 0.884
c. Billing PF (Universal TOD)		
	TOD 1. 0.876	TOD 1. 0.884
	2. 0.876	2. 0.884
	3. 0.876	3. 0.884
	4. 0.876	4. 0.884
d. MD Reset Count	09	10
e. MD Reset Manual/ Automatic On	Auto	Manual

Consumer's / Representative's Signature
With Seal

Asst. Executive Engineer (Ele.)
H.T. Rating Sub-Division.
MT Division, BRAZ, Bangalore.