

BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

(Wholly owned Government of Karnataka Undertaking)

EEMT/AEE(O)/BRAZ/AEE HTR/

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

AKLHT-162
Additional load
Existing = 700
A/L = 150
Total = 850 KVA

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

Date... 4/8/2025

Subject: Rating Report of HT/EHT Installation.

The H.T. Installation having the following details has been rated for periodical rating/complaint n..... 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.

DETAILS OF H.T. INSTALLATION:

R.NO. AKLHT162 CD. 850 KVA CTR. 50/1 Previously rated on... 14/3/2025
Activity. Garment Tariff. HT 2A A Meter Constant... 5000
Name & Address of the Consumer. Mrs. Arvind Limited - Industry Textile
Bommaranda Ankal - Taluk Chandapura

OBSERVATION & ADVICE ON TECHNICAL MATTER:

As per your letter, Ref. No. AEE/CDP/AEE(1)/2025-26/9591
Dtd: 01.08.2025, Additional load sanctioned from 700 kVA to
850 kVA. Hence Existing all 3 CT's of ratio 40/1A replaced by

ADVICE ON REVENUE MATTER: 50/1 ACT's & calibrated both main
One check meter before & after replacement of CT's. Error
is within permissible limits.

DOWNLOADED DATA ANALYSIS ENCLOSED: YES/NO.

Summary of analysis if rated against complaint.....

ANNEXURE

1. DETAILS OF SEALS:

R.R. No. AKLHT162

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	Bm1396708 B591368	Bm1396707 B592292	} retained.	
2	TC Of Meter	BRA2A53069	BRA250761		
3	M.D. Reset Knob	BRA250769	BRA250762	BRA2B15071	BRA2B15071
4	Optical Port				
5	T.T.B	BRA2B09962	BRA2B09963	BRA2B15072	BRA2B15074
6	Meter Chamber Main Door	BRA2B09964		BRA2B15075	
7	Meter Reading Window				
8	C.T./P.T. Chamber	BRA2B32054		BRA2B15076	
9	Cable Entry Chamber	BRA2B32055		BRA2B15077	
10	Hologram				

2. DETAILS OF THE EQUIPMENTS:

a) Cubicle Type : Cable Entry / 6 bushing / 3 busing / LBS. Make. Poray Sl. No. HTM 2068
b) Cubicle Conditions & Location. good & outdoors yard

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

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

$\left(\frac{11k/53}{\frac{110}{53}} \right) \times (50\%) \times 1 = 5000$
1 x 1 (five thousand only)

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

	Existing	After Replacement	Existing	After Replacement
Make	Kalpa	Kalpa	Kalpa	
Type	Indoor	Indoor	Indoor	
Class	0.3	0.3	0.2	
Insulation level	15/38/95	15/38/95	15/38/95	
Burden	0.5 VA	0.5 VA	0.5 VA	
Ratio Connected	487/1	507/1	487/1	
Sl.No.	1. R	R	R	R
	2. Y	Y	Y	Y
	3. B	B	B	B

DETAILS OF METERS:

ETV Meter

	Existing	After Replacement
Make	L4	
Type	10R1001334150 D1W5	
Class	0.2 S	
Voltage	3263 V	
Ampere	50000	
Pulse / Unit	1	
Dial Constant	16113429/1643265	
Sl. No.		

A. CALIBRATION DETAILS:

	CALIBRATOR	METER
a. Voltage V1, V2, V3	60.95, 61.15, 61.12	60.67, 60.76, 60.89
b. Current I1, I2, I3	0.650, 0.613, 0.649	0.553, 0.571, 0.583
c. P.F. / KW	0.997, 0.996	0.967, 0.968
d. Sequence	Y B	Y B
e. % of Error		
a. Reading of Test Meter		
b. Reading of Reference Meter		
c. Percent Error		

METER READINGS :

	Existing	After Replacement
A. Cumulative Parameters		
a. Time Date, Month, Year	15.28 04/08/2025	15.15 04/08/2025
b. Demand with elapsed time	1000	1000
c. Self-diagnostic condition	0.1257/0.96, 0.1600/0.51	4533.01, 79.94/4533.05, 79.94
d. Present KVA, PF	4533.01, 79.94/4533.05, 79.94	4533.01, 79.94/4533.05, 79.94
e. Cumulative KWH	TOD 1: 60066, 12.00/604.71, 13.95	TOD 1: 60066, 12.00/604.71, 13.95
	2: 1694.71, 6.71/1701.70, 65.71	2: 1694.71, 6.71/1701.70, 65.71
	3: 625.32, 0.05/1517.84, 0.05	3: 625.32, 0.05/1517.84, 0.05
	4: 1409.54, 0.12/11408.72, 0.12	4: 1409.54, 0.12/11408.72, 0.12
B. BILLING PARAMETERS :		
a. Billing KWH	4526.65, 79.81/4526.73, 79.82	4533.05, 79.94/4533.06, 79.94
FR for K 4000	TOD 1: 574.85, 12.00/579.65, 13.95	TOD 1: 600.66, 12.00/604.71, 13.95
IR for K 5000	2: 1694.71, 6.71/1701.70, 65.71	2: 1694.71, 6.71/1701.70, 65.71
	3: 625.32, 0.05/1517.84, 0.05	3: 625.32, 0.05/1517.84, 0.05
	4: 1409.54, 0.12/11408.72, 0.12	4: 1409.54, 0.12/11408.72, 0.12
b. Billing KVA	0.1502, 0.1231/0.1856, 0.1294	0.1581, 0.1231/0.1856, 0.1294
	TOD 1: 0.1084, 0.0005	TOD 1: 0.1084, 0.0005
	2: 0.1871, 0.0363/0.1854, 0.0360	2: 0.1871, 0.0363/0.1854, 0.0360
	3: 0.1505, 0.0001/0.1505, 0.0001	3: 0.1505, 0.0001/0.1505, 0.0001
	4: 0.1320, 0.0001/0.1303, 0.0001	4: 0.1320, 0.0001/0.1303, 0.0001
c. Billing PF (Universal TOD)	0.95, 0.3/0.98, 0.4	0.983, 0.33/0.983, 0.33
	TOD 1: 0.987, 0.99, 1	TOD 1: 0.99, 0.99, 1
	2: 0.955, 0.386/0.96, 0.31	2: 0.955, 0.386/0.96, 0.31
	3: 0.981, 1/0.99, 1	3: 0.981, 1/0.99, 1
	4: 0.989, 0.0/0.99, 0.0	4: 0.989, 0.0/0.99, 0.0
MD Reset Count	08	09
MD Reset Manual/ Automatic On	Auto.	Manual

Consumer's / Representative's Signature
With Seal

93412384
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Asst. Executive Engineer (Ele.)
H.T. Rating Sub-Division
MT Division, BRAZ, Bangalore.