

HT Rating Report

No. EE MT / AEE(O) / BRAZ / AEE HTR /

MLRHT 95

10093

To,

The Asst. Executive Engineer (Ele.),

..... Malur O&M Sub-Division

BESCOM, Malur

Additional Load

Existing - 250 kVA
Additional - 50 kVA
Total - 300 kVA

Office of the
Executive Engineer (Ele.),
MT Division, BRAZ, BESCOM
3rd Floor, Crescent Tower
Bangalore - 560 001.

Date: 07/08/2025

Sir,

Subject : Rating Report of HT / EHT Installation

The H.T. Installation having the following details has been rated for periodical rating / complaint on 07/08/2025. You are requested to take action on the observations and advices 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 :

CTR-15/1A MC-1500

Previously rated on 20/07/2020

R.R. No. MLRHT 95 CD 300 KVA. Meter Constant 1500 Activity Industry

Name & Address of the Consumer: M/s VST Tiller Tractor Plot No: 2244232
KIADB Phase-3 Malur Industrial Area in Malur
of M & Sub division BESCOM.

2. OBSERVATION & ADVICE ON TECHNICAL MATTER :

AS Per your letter reference no: AEE/ AET/ MLR/ F-28/ 1736 / 2025-26 Dt: 24/04/2025 Additional load sanctioned from 250 kVA to 300 kVA

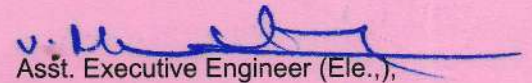
3. ADVICE ON REVENUE MATTER :

Hence the existing 12.5/1A CTB replaced by 15/1A CTB meter calibrated before and after replacing the CTB error are within permissible limits.

4. DOWNLOADED TATA ANALYSIS ENCLOSED : YES / NO.

Summary of analysis if rated against complaint: meter data source loaded & analysed recording found correct.

Yours faithfully,


Asst. Executive Engineer (Ele.),

HT Rating Sub Division, K.C.F.
BRAZ, BESCOM, Bangalore.

Copy for kind information to :

1. The Executive Engineer Ele., MT Division, BRAZ, Bangalore.

2. Executive Engineer Ele, O&M K.C.F. Division, BESCOM, K.C.F.

In case of discrepancies :

- Chief Engineer Ele., BRAZ, B'lore.
- Superintendent of Police, Vigilance
- Accounts Officer, Internal Audit.

1. DETAILS OF SEALS :

R.R. No. MURHT 95

Sl. No.	Seals Provided to	Sl. No. of Seals Found		Sl. No. of Seals Left	
		Lead	Plastic	Lead	Plastic
1.	M.C. of Meter	BMD 16716	A 434148	BMD 16721	A 434129
2.	TC of Meter	BRA2 10865		BR 61782	
3.	M.D. Reset Knob	BR 61780	BRA2B15248	BR 61783	BRA2B15250
4.	Optical Port				
5.	T.T.B.	BRA2A 96720	BRA2B15249	BRA2B1228	BRA2B15251
6.	Meter Chamber Main Door	BRA2C 68903		BR 61782	
7.	Meter Reading Window				
8.	C.T. / P.T. Chamber	BRA2A 96722		BR 61783	
9.	Cable Entry Chamber	BRA2A 96723		BR 61783	
10.					
11.					

2. DETAILS OF THE EQUIPMENTS :

- a) Cubicle Type : Cable Entry / 6 bushing / 3 bushing / LBS. Make Banavathi Sl. No. 1080131
 b) Cubicle Conditions & Location Good out door Yard
 c) Supply side G.O.S. : In Service / Direct / Removed
 d) Lightning Arrestor - Provided / Not Provided

3. DETAILS OF CTs / PTs :

	Existing	After Replacement	Existing	After Replacement
1. Make	KALPA	KALPA	KALPA	
2. Type	INDOOR	INDOOR	INDOOR	
3. Class	0.2	0.25	0.2	
4. Insulation Level	15/38/95	15/38/95	15/38/95	
5. Burden	2.5 VA	2.5 VA	2.5 VA	
6. Ratio Available	12.5/1A	15/1A	1100/110V	
7. Ratio Connected	12.5/1A	15/1A	1100/110V	
8. Sl. No. 1.	44335	6269	44620	
2.	44336	6274	44622	
3.	44337	6294	44621	

4. DETAILS OF METERS :

ETV Meter

	Existing	After Replacement
a. Make	L4T	
b. Type	WR 300 BBS 11 BE DMS-2	
c. Class	0.25	
d. Voltage	31.5/3.5V	
e. Ampere	1 AMP	
f. Pulse / Unit	50 000	
g. Dial Constant	1	
h. Sl. No.	19001412 / 19001446	

5. MULTIPLYING CONSTANT FOR BILLING (Kwh. Kvah. Kva) :

$\frac{\text{PT Ratio} \times \text{CT Ratio} \times \text{Dial Constant}}{\text{Meter PT Ratio} \times \text{Meter CT Ratio}} = 1500$ (one thousand Five hundred only) 10023

6. A. CALIBRATION DETAILS :

	CALIBRATOR	METER
a. Voltage V ₁ , V ₂ , V ₃	60.9, 61.5, 61.4	61.0, 61.4, 61.2
b. Current I ₁ , I ₂ , I ₃	0.489, 0.526, 0.491	0.467, 0.502, 0.532
c. P.F. / KW	0.992 / 0.0942	0.984 / 0.0858
d. Sequence	Forward	Forward

B. CALIBRATION DATA :

	KVAH /	KVARH
a. Reading of Test Meter	-	-
b. Reading of Reference Meter	CACHE T	-
c. Percent Error	0.0811	-

C. VOLTAGE MEASURED at a) RY 109.6V YB 109.3V BR 109.4V
b) RG 61.0V YG 61.4V BG 61.4V

7. METER READINGS :

A. Cumulative Parameter	Existing	After Replacement
a. Time, Date, Month, Year	12:02 04/08/2015	12:26 04/08/2015
b. Demand with elapsed time	-	-
c. Self diagnostic condition	Good	Good
d. Present KVA, PF	0.1005, 0.992	0.0869, 0.984
e. Cumulative KWH	1265.41 Final Reading for K-1250 Initial Reading for K-1500	1265.47 412.92
B. BILLING PARAMETERS :		
a. Billing KWH	1265.41 412.91 F.R for K-1250 I.R for K-1500	1265.47 412.92
b. Billing KVA	0.2108 0.0894	0.2125 0.0881
c. Billing PF (Universal TOD)	0.980 0.954	0.980 0.954
d. MD Reset Count	82	84
e. MD Reset Manual / Automatic on	Manual Reset	Manual Reset

8. CONSUMER EQUIPMENT DETAILS

a. Transformer Make Universal T-12
b. Voltage Class 11KV / 433V
c. Capacity 500 KVA
d. Current 26.2 / 666.2
e. Vector Group DYN11 4.33%
f. Sl. No. 01DB00128 / 0001
g. D.G. Set Capacity

Consumer's / Representatives Signature
with Seal

Asst. Executive Engineer (Ele.),
HT Rating Sub Division, K.C.F
BRAZ, BESCO, Bangalore.