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BESCOM

Bangalore Electricity Supply Company Ltd.

Office of the
Asst. Executive Engineer (Ele),
Claudpura H.T. Rating Sub-Division.
BRAZ BESCOM

No. AEEE / HTR / CHTPHT 1853J

Reduction of load
Existing 300 kVA
Reduction 150 kVA
Total 150 kVA

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

Date 23/07/2025

Sir,

Subject : Rating Report of HT / EHT Installation

The H.T. Installation having the following details has been rated for periodical rating / complaint on 23/07/2025. 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 09/08/2024

R.R. No. CHTPHT 1853 CD 150 KVA CTR 75/1 A Meter Constant 750

Activity Construction

Name & Address of the Consumer M/s Arat A one world Pvt Ltd at K.No: 80/1, 82/2, 83/3, 84/3, 86/5, 86/2 veera sandra Industrial Area in Venkatagondanahalli Odm unit of Claudpura Sub Division.

2. **OBSERVATION & ADVICE ON TECHNICAL MATTER :**

As per your reference letter no: AEE/CDP/AE01/2025-26/27-17 dt: 22/07/2025 Reduction of load sanctioned from 300 kVA to 150 kVA Hence the existing 75/1A C.T. replaced by 75/1A & calibrated the meter before & after replacement of C.T. All the errors are with in the permissible limit.

3. **ADVICE ON REVENUE MATTER :**

4. **DOWNLOADED DATA ANALYSIS ENCLOSED : YES / NO.**

Summary of analysis if rated against complaint ..... Meter Data Down loaded & analysed recording load correct.

Yours faithfully,

Asst. Executive Engineer (Ele)
Claudpura H.T. Rating Sub-Dvn, BRAZ

Copy for kind information to :

1. The Executive Engineer Ele., M T Division, BRAZ, Bengaluru.
2. Executive Engineer Ele., O & M Claudpura Divion, BESCOM, Claudpura.

In case of discrepancies :

3. Chief Engineer Ele., BRAZ, Bengaluru.
4. Superintendent of Police, Vigilance
5. Accounts Officer, Internal Audit.

ANNEXURE

Format F-09-14

R.R. No. CHT PLM 18533

1. DETAILS OF SEALS :

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				
2.	TC of Meter	BMT 63761	SCS33275	[illegible]	
3.	M.D. Reset Knob	BR02B02453			
4.	Optical Port	BR02B02454		BR02B 15162	
5.	T.T.B.				
6.	Meter Chamber Main Door	BR02B 02455		BR02B 15163	
7.	Meter Reading Window	BR02B02456		BR02B 15164	
8.	C.T. / P.T. Chamber				
9.	Cable Entry Chamber	BR02B02457		BR02B 15165	
10.	Hologram	BR02B02458		BR02B15166	
11.	Others				

2. DETAILS OF THE EQUIPMENTS :

a) Cubicle Type : Cable Entry / 6 bushing / 3 bushing / LBS. Make Banarati Sl. No. 24059

b) Cubicle Conditions & Location Good out door Yard.

c) Supply side G.O.S. : In Service / Direct / Removed.

d) Lightning Arrestor - Provide / 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	0.2S	0.2S	0.2	
4. Insulation level	15/38/95	15/38/45	15/38/45	
5. Burden	2.5 VA	2.5 VA	25 VA	
6. Ratio Conected	15/1A	[illegible] 75/1	11KV/√3 / 110V/√3	
7. Sl.No. 1. R	307389	R 3663	R	R
2. Y	307390	Y 3664	Y 319439	Y
3. B	307391	B 3665	B 319455 / 319442	B

4. DETAILS OF METERS : U.R - 7.5/1A

ETV Meter

	Existing	After Replacement
a. Make	L&T	
b. Type	WR 300 [illegible] 11KA(R)	
c. Class	0.2S	
d. Voltage	3x 63.5V	
e. Ampere	1 AMP	
f. Pulse / Unit	50 000	
g. Dial Constant	1	
h. Sl. No.	24011088	

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

$$\frac{\text{PT Ratio x CT Ratio x Dial Constant}}{\text{Meter PT Ratio x Meter CT Ratio}} = 750 \text{ (Seven Hundred fifty only)}$$

5. A. CALIBRATION DETAILS :

		CALIBRATOR	METER
a.	Voltage V_1, V_2, V_3	63.1, 63.6, 63.6	63.1, 63.6, 63.6
b.	Current I_1, I_2, I_3	0.064, 0.062, 0.063	0.064, 0.062, 0.063
c.	P.F. / K W	0.330 / 0.0021	0.330 / 0.0021
d.	Sequence	Reverse	Reverse

B. CALIBRATION DATE :

		KVAH /	KVARH
a.	Reading of Test Meter		
b.	Reading of Reference Meter	CALNET	
c.	Percent Error	0.064 %	

7. METER READINGS :

A. Cumulative Parameters		Existing	After Replacement
a.	Time Date, Month, Year	16:16, 23/09/225	
b.	Demand with elapsed time		
c.	Self diagnostic condition	Good	
d.	Present KVA. PF	0.0114, 0.330	
e.	Cumulative KWH I.R for L-1500A / I.R for L-750	TOD 1. 43.040	TOD 1.
		2.	2.
		3.	3.
		4.	4.

B. BILLING PARAMETERS :		Existing	After Replacement
a.	Billing KWH I.R for L-1500A / I.R for L-750	TOD 1. 43.040	TOD 1.
		2.	2.
		3.	3.
		4.	4.
b.	Billing KVA	0.0468	
		TOD 1.	TOD 1.
		2.	2.
		3.	3.
		4.	4.
c.	Billing PF (Universal TOD)	0.752	
		TOD 1.	TOD 1.
		2.	2.
		3.	3.
		4.	4.
d.	MD Reset Count	Nos 17	
e.	MD Reset Manual / Automatic On	Manual Reset	

8. CONSUMER EQUIPMENT DETAILS

a.	Transformer Make Vijay Elc	b.	Voltage Class 11kV / 433V
c.	Capacity 500 kVA	d.	Current 26.24 / 666.66 A
e.	Vector Group Dyn 11 45	f.	Sl. No. VEC / 500 / 12 / 05-02-20

Consumer's / Representative's Signature with Seal

Asst. Executive Engineer (Ele)
H.T. Rating Sub-Division