



[DE-COMMISSION TEST REPORT]

44

BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

(Wholly owned Government of Karnataka Undertaking)

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

GBHT-32

To, The Asst. Executive Engineer (Ele),

Gudibande O&M Sub-Division.

BESCOM.....

CD=180KVA

CTR=10/1A

MC=1000

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

Sir,

Ref:- EEE/AEE(O)/AEE/2025-26/364 dt 23/5/25

Date.. 30/5/2025

Subject: Rating Report of HT/EHT Installation.

The H.T. Installation having the following details has been rated for periodical rating/complaint on..... 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. GBHT-32 CD 180KVA KVA CTR 10/1A Previously rated on 16/12/24 A Meter Constant 1000

Activity..... Tariff HT2(a)

Name & Address of the Consumer M/s XCEL PRECAST SOLUTIONS PVT LTD. Ramaganahalli, Gudibande

2. OBSERVATION & ADVICE ON TECHNICAL MATTER:

The Installation Meter calibrated % of Error found within the permissible limits.
CTR & PTR Working in good condition.

3. ADVICE ON REVENUE MATTER:

The Installation DE-commission test conducted.
FR= 88.150 RkVA= 0.0453
S.P.F.= 0.872 MC=1000

4. DOWNLOADED DATA ANALYSIS ENCLOSED: YES/NO.

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

ANNEXURE**1. DETAILS OF SEALS:**

R.R. No. GBHT-32

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	BMT 83603		Return	
2	TC Of Meter	BRA2D 79780		Retained	
3	M.D. Reset Knob	BRA2D 75291		Return	
4	Optical Port	-			
5	T.T.B	BRA2D 79779			
6	Meter Chamber Main Door	BRA2D 79781			
7	Meter Reading Window	-			
8	C.T./P.T. Chamber	BRA2D 75294			
9	Cable Entry Chamber	BRA2D 75295			
10	Hologram	-			

2. DETAILS OF THE EQUIPMENTS:

a) Cubicle Type : Cable Entry / 6 bushing / 3 busing / LBS. Make..... Sl. No. A8 Existing
b) Cubicle Conditions & Location..... Good

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

$$MC = \frac{PT \text{ Ratio} \times CT \text{ Ratio} \times \text{Dial Constant}}{\text{Meter PT Ratio} \times \text{Meter CT Ratio}} = \frac{11KV/110V \times 10/1A \times 1}{1 \times 1} = 1000$$

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

		CTB Existing	After Replacement	PTB Existing	After Replacement	43
1. Make		Kalpa		Kalpa		
2. Type		Indoor		Indoor		
3. Class		0.2		0.2		
4. Insulation level		15/38/95kVp		15/38/95kVp		4BHT-32
5. Burden		2.5VA		2.5VA		30/5/25
6. Ratio Connected		10/1A		11kV/110V		
7. Sl.No.	1. R	305573	R	319088	R	
	2. Y	305583	Y	319089	Y	
	3. B	305584	B	319090	B	

5. DETAILS OF METERS:

ETV Meter

		Existing	After Replacement
a. Make		LET	
b. Type		WR300BB11K4RS	
c. Class		0.2s	
d. Voltage		3x63.5V	
e. Ampere		50000 Imp	
f. Pulse / Unit		1	
g. Dial Constant		24005409 / mar-2024	
h. Sl. No.			

6. A. CALIBRATION DETAILS:

		CALIBRATOR	METER
a. Voltage V1, V2, V3		63.3, 62.8, 63.0	63.3, 62.8, 63.0V
b. Current I1, I2, I3		0.026, 0.026, 0.029	0.026, 0.026, 0.027
c. P.F. / KW		0.14 PF / 0.0007kW	0.15 PF / 0.0006
d. Sequence		RBV	RBV
B. % of Error		KVAH/	KVARH
a. Reading of Test Meter			
b. Reading of Reference Meter		0.13.1	
c. Percent Error			

7. METER READINGS :

A. Cumulative Parameters

		Existing	After Replacement
a. Time Date, Month, Year		30/5/25 11:27	
b. Demand with elapsed time			
c. Self-diagnostic condition			
d. Present KVA. PF		0.0051kVA / 0.14 PF	
e. Cumulative KWH		88.150 kWh	

$$FP = \frac{0.0051 \text{ kVA}}{0.14 \text{ PF}} = 88.150 \text{ kWh}$$

B. BILLING PARAMETERS :

		Existing	After Replacement
a. Billing KWH		B' 88.150 kWh B' kWh 83.942	
TOD 1.			
2.			
3.			
4.			
b. Billing KVA		0.0453 kVA	
TOD 1.			
2.			
3.			
4.			
c. Billing PF (Universal TOD)		0.872 PF	
TOD 1.			
2.			
3.			
4.			
d. MD Reset Count		17	
e. MD Reset Manual/ Automatic On		Auto	

Consumer's / Representative's Signature
With Seal

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