BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

(Wholly owned Government of Karnataka Undertaking)

No. EEMT/AEE(O)/BRAZ/AEE HTR/ DHTP113

To,
The Asst.Executive Engineer (Ele), D.B.Pura(U) O&M Sub-Division. BESCOM Nelamangala

Add'nal Load 300KVA
CD: 950+300 = 1250KVA
CTR: 75/1A
MC: 7500

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

Sir,

Date 22/09/2025

Subject: Rating Report of HT/EHT Installation.

The H.T. Installation having the following details has been rated for periodical rating/complaint on 22/09/25. 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. DHTP113 CD 1250 KVA CTR 75/1A A Meter Constant 7500 Previously rated on 02/06/2025
Activity .... Tariff HT2A
Name & Address of the Consumer M/s Indic EMC Electronics Pvt Ltd #37 KSAOB Industrial Area, Bashettyhalli, D.B.Pura(U)

2. OBSERVATION & ADVICE ON TECHNICAL MATTER:

The installation of the meter is calibrated by me and after the replacement of CT's and found ok. And the meters are reading within the limit. The Old Rader Released CT's are good.

3. ADVICE ON REVENUE MATTER:

Ex. CD: 950KVA — New CD: 950+300 = 1250KVA
Ex. CTR: 45/1A — New CTR: 75/1A
Ex. MC: 4500 — New MC: 7500

4. DOWNLOADED DATA ANALYSIS ENCLOSED: YES/NO.

Summary of analysis if rated against complaint ~~DHTP113~~

ANNEXURE

1. DETAILS OF SEALS: R.R. No. DHTP113

SL.NO.	Seals Provided to	Sl. No. of Seals Found Plastic: Main Meter	Sl. No. of Seals Found Plastic: Check Meter	Sl. No. of Seals Left Plastic: Main Meter	Sl. No. of Seals Left Plastic: Check Meter
1	M.C. of Meter	BR 83008 / V801626			
2	TC Of Meter	BRA7A 88581			
3	M.D. Reset Knob	BRA7B 72331, BRA7B 88707			
4	Optical Port				
5	T.T.B	BRA7B 73505, BRA7B 88708			
6	Meter Chamber Main Door	BRA7B73506, BRA7B 88709			
7	Meter Reading Window				
8	C.T./P.T. Chamber	BRA7B72334, BRA7B 88710			
9	Cable Entry Chamber	BRA7B72335, BRA7B 88711			
10	Hologram				

2. DETAILS OF THE EQUIPMENTS:

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

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

$$MC = \frac{\text{PT Ratio} \times \text{CT Ratio} \times \text{Dial Constant}}{\text{Meter PT Ratio} \times \text{Meter CT Ratio}} = \frac{11KV/\sqrt{3}/110/\sqrt{3}}{1 \times 1} \times \frac{75/1}{1} \times 1 = 7500$$

Seven thousand Five Hundred only.

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

Scanned with OKEN Scanner

	Existing	After Replacement	Existing	After Replacement
Make	Kaiba	Kaiba		
Type	Indoor	Indoor		
Class	0.2	0.2s		
Insulation level	15/38/95KV	15/38/95KV		
Burden	2.5VA	2.5VA	As Existing	
Ratio Connected	45/1A	25/1A		
Sl.No. 1. R	5446883	R 11943	R	R
2. Y	5446884	Y 11948	Y	Y
3. B	5446885	B 11949	B	B

DETAILS OF METERS:

ETV Meter

	Existing	After Replacement
Make	L&T	
Type	WR300SBIIKMRS	
Class	0.2s	
Voltage	3x63.5V	
Ampere	1Amp	As Existing
Pulse / Unit	50000	
Dial Constant	1	
Sl. No.	20000230	

A. CALIBRATION DETAILS:

	CALIBRATOR	METER
a. Voltage V1, V2, V3	64.40, 63.29, 64.14	64.98, 64.48, 64.85
b. Current I1, I2, I3	0.909, 0.834, 0.931	0.548, 0.513, 0.534
c. P.F. / K W	0.990 / 0.1256	0.989 / 0.0993
d. Sequence	RBY	RBY
B. % of Error	**KVAH/**	**KVARH**
a. Reading of Test Meter		
b. Reading of Reference Meter	Sounds	Sounds
c. Percent Error	0.039 %	0.046 %

7. METER READINGS :

A. Cumulative Parameters

	Existing	After Replacement
a. Time Date, Month, Year	11:36 @ 22/09/2015	12:29 @ 22/09/2015
b. Demand with elapsed time	-	-
c. Self-diagnostic condition	Good	Good
d. Present KVA. PF	0.1209, 0.990	0.1022 / 0.989
e. Cumulative KWH	3614.142	3614.142
TOD 1.	533.939	533.939
2.	1346.413	1346.421
3.	519.900	519.900
4.	813.839	813.839

B. BILLING PARAMETERS :

a. Billing KWH	3614.142	3614.142
TOD 1.	526.885	533.939
2.	1346.993	1346.421
3.	519.900	519.900
4.	396.888	813.839
b. Billing KVA	0.1035	0.1959
TOD 1.	/	/
2.	/	/
3.	/	/
4.	/	/
c. Billing PF (Universal TOD)	0.989	0.989
TOD 1.	/	/
2.	/	/
3.	/	/
4.	/	/
d. MD Reset Count	73	74
e. MD Reset Manual/ Automatic On	Automatic	Manual

Consumer's / Representative's Signature
With Seal

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

Assistant Executive Engineer (Elec)
HT Rating Sub-Division
BRAZ, BESCOM
BANGALORE.