



BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

(Wholly owned Government of Karnataka Undertaking)

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

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

Reduction Load

Existing CD = 600 KVA

Reduction = 200 KVA

NEW CD = 400 KVA

CTR = 20/1A

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

NEW MC = 2000

Date: *16/8/25*

Sir,

[*Modem - NS4W 715838*]

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:

Previously rated on *5-6-25*

R.R.NO. *214765* CD *40.0* KVA CTR *20/1* A Meter Constant *2000*

Activity *AAC blocks* Tariff *HT2A*

Name & Address of the Consumer *M/S. Hema Infra Market Pvt. Ltd., KADDA, Kudumalakkunte, Holmbidamur.*

2. OBSERVATION & ADVICE ON TECHNICAL MATTER:

Reduction Load PC Test Conducted. After CTR Replacement Meter Calibrated. % of Error found within permissible limits. [Ref. No. - EEE/AEE/AEC-2/25-26/965 dt. 14/8/25]

3. ADVICE ON REVENUE MATTER:

*CD Change from 600 KVA to 400 KVA
MC Change from 3000 to 2000
FR - 280.033 kWh -> [MC 2000] IR - 280.033 kWh -> [MC 2000]*

4. DOWNLOADED DATA ANALYSIS ENCLOSED: YES/NO.

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

ANNEXURE

1. DETAILS OF SEALS:

R.R. No.

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	<i>BM169082</i>		<i>Retain</i>	
2	TC Of Meter	<i>BPAD75770</i>		<i>Retain</i>	
3	M.D. Reset Knob	<i>BPAD75400</i>		<i>Retain</i> <i>SRM 1142124</i>	
4	Optical Port	-		-	
5	T.T.B	<i>BPAD80003</i>		<i>SRM1142129</i>	
6	Meter Chamber Main Door	<i>BPAD80004</i>		<i>SRM1142120</i>	
7	Meter Reading Window	-		-	
8	C.T./P.T. Chamber	<i>BPAD75403</i>		<i>SRM1142122</i>	
9	Cable Entry Chamber	<i>BPAD75404</i>		<i>SRM1142123</i>	
10	Hologram	<i>MT106534</i>		<i>Retain</i>	

2. DETAILS OF THE EQUIPMENTS:

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

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

$$MC = \frac{PT \text{ Ratio} \times CT \text{ Ratio} \times \text{Dial Constant}}{\text{Meter PT Ratio} \times \text{Meter CT Ratio}} = \frac{11KV/110V \times 20/1A \times 1}{1 \times 1} = 2000$$

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

		CT'R		PT'R		GRAT 65 33	
		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		15/28/95KV	15/28/95KV	15/28/95KV			
5. Burden		2.5VA	2.5VA	2.5VA			
6. Ratio Connected		30/1A	20/1A	11KV/110V			
7. Sl.No.	1. R	310104	R. 7234	R. 319496	R.		
	2. Y	310103	Y. 7235	Y. 319495	Y.		
	3. B	310105	B. 7236	B. 319494	B.		

5. DETAILS OF METERS:

ETV Meter

- Make
- Type
- Class
- Voltage
- Ampere
- Pulse / Unit
- Dial Constant
- Sl. No.

Existing
L.E.T. WR3008811KVRs
0.2s
3X63.5V
1A
50000Imp
94005449 / MAR-24

After Replacement

6. A. CALIBRATION DETAILS:

- Voltage V1, V2, V3
- Current I1, I2, I3
- P.F. / KW
- Sequence
- % of Error
- Reading of Test Meter
- Reading of Reference Meter
- Percent Error

CALIBRATOR
64.83, 64.99, 64.58
0.363, 0.389, 0.362
0.954PF, 1.00633KLS
RBY RBY
KVAH/
Sandh
0.171

METER
64.83, 64.99, 64.58V
0.363, 0.389, 0.362A
0.954PF, 1.00633KLS
RBY RBY
KVARH
Sandh
0.141

7. METER READINGS :

A. Cumulative Parameters

- Time Date, Month, Year
- Demand with elapsed time
- Self-diagnostic condition
- Present KVA. PF
- Cumulative KWH

MC=3000 Before [FF] Existing 16/8/25 15:21

MC=2000 After [IF] After Replacement 16/8/25 16:14

0.0571KVA 10.954PF
280.033KWh
TOD 1 32.089
2 95.253
3 52.408
4 100.282

280.033KWh
TOD 1 32.089
2 95.253
3 52.408
4 100.282

B. BILLING PARAMETERS :

a. Billing KWH

CKVAh lag - 115.319
lead - 8.066

b. Billing KVA

CKVAh - 320.376
CKVA - 1.171

c. Billing PF (Universal TOD)

7PF - 0.963
7KVA - 0.0817

d. MD Reset Count

e. MD Reset Manual Automatic On

265.055 KWh
TOD 1 30.298
2 89.794
3 49.877
4 85.084
0.0814 KVA
TOD 1 0.0808
2 0.0775
3 0.0814
4 0.0807
0.963 PF
TOD 1 0.945
2 0.934
3 0.986
4 0.985
21
Auto

280.033KWh
TOD 1 32.089
2 95.253
3 52.408
4 100.282
0.0817KVA
TOD 1 0.0815
2 0.0763
3 0.0817
4 0.0809
0.963PF
TOD 1 0.953
2 0.940
3 0.979
4 0.985
22

Consumer's / Representative's Signature
With Seal

7775858612

Asst. Executive Engineer (Ele.)

MT Division HRAZ, Bangalore.

Signature

Signature