



BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

(Wholly owned Government of Karnataka Undertaking)

No. EEMT/AEE(O)/BRAZ/AEE HTR/ **HKT/25-26/396**

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

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

Sir,

Re: AEE/HKT/AEE/25-26/2475

Date: **17.07.2025**

Subject: Rating Report of HT/EHT Installation.

additional rating/complaint

The H.T. Installation having the following details has been rated for periodical on **17.07.25**. 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. **HKT-39** CD **400+100:500** KVA CTR **201A:251A** Previously rated on **29.03.2025**
Activity **DYE** Tariff **HT. 21A** A Meter Constant **3000 k 2500**
Name & Address of the Consumer **M/S SF DYE PUT LTD**
Old No: 21P/31 **KTAD area Pillagurpa 25M with Hoskote Sub-Division**

2. OBSERVATION & ADVICE ON TECHNICAL MATTER:

As per your request de/pre commission test for additional load of 100 kVA to exist 500 kVA rating 500 kVA by replacing of exist 201A CT's by 251A and T.O.D. Patch File updated for T.O.D. billing.

3. ADVICE ON REVENUE MATTER:

de/pre commission test conducted on before and after replacing of exist CT's 201A by 251A. The test values are found satisfactory and within permissible limits. The test values of before and after are enclosed for your reference.

4. DOWNLOADED DATA ANALYSIS ENCLOSED: YES/NO.

Summary of analysis if rated against complaint **NSCW.701987 modified for AAR Command**

ANNEXURE

1. DETAILS OF SEALS:

R.R. No. **HKT-39**

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	MAN208153		Retained	
2	TC Of Meter	BRAZC72584		- & -	
3	M.D. Reset Knob	BRAZ11909		BRAZ0845668	
4	Optical Port	-		-	
5	T.T.B	BRAZC74098		BRAZ0845669	
6	Meter Chamber Main Door	BRAZC74099		BRAZ0845670	
7	Meter Reading Window	-		-	
8	C.T./P.T. Chamber	BRAZC72527		BRAZ0845671	
9	Cable Entry Chamber	BRAZC78225		BRAZ0845672	
10	Hologram	-		Retained	

2. DETAILS OF THE EQUIPMENTS:

- a) Cubicle Type : Cable Entry / 6 bushing / 3 bushing / LBS. Make **UYONA SLG** Sl. No. **190524K157**
b) Cubicle Conditions & Location **- GOOD -**

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

$$MC = \frac{PT \text{ Ratio} \times CT \text{ Ratio} \times \text{Dial Constant}}{\text{Meter PT Ratio} \times \text{Meter CT Ratio}} = \frac{11KV/25/1100V/25 \times 251A}{1 \times 1} = 2500$$

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

	Existing	After Replacement	Existing	After Replacement
1. Make	VENKAT	KALPA		
2. Type	INDOOR	INDOOR		
3. Class	0.2	0.25		
4. Insulation level	151381.95 KVA	151381.95 KVA		
5. Burden	2011A	2511A		
6. Ratio Connected	6873	8140.125		
7. Sl.No.	1. R	R	R	R
	2. Y	Y	Y	Y
	3. B	B	B	B

5. DETAILS OF METERS:

ETV Meter

	Existing	After Replacement
a. Make	WR 200 B 11154RS	
b. Type	0.25	
c. Class	3x63.5V	
d. Voltage	1A	
e. Ampere	50000	
f. Pulse / Unit	18145487	0.21.18
g. Dial Constant		
h. Sl. No.		

6. A. CALIBRATION DETAILS:

	CALIBRATOR	METER
a. Voltage V1, V2, V3	63.56, 63.95, 63.98	63.61, 63.00, 64.03
b. Current I1, I2, I3	0.333, 0.335, 0.353	0.332, 0.336, 0.352
c. P.F. / KW	0.370 / 0.0550	0.363 / 0.0538
d. Sequence	RVD	RVD
B. % of Error		
a. Reading of Test Meter		
b. Reading of Reference Meter		
c. Percent Error	0.0708%	0.0708%

7. METER READINGS :

	Existing	After Replacement
A. Cumulative Parameters		
a. Time Date, Month, Year	15.02 15.07.95	16.42 17.07.95
b. Demand with elapsed time	0.00	0.00
c. Self-diagnostic condition	0.1887 / 1.00	0.1887 / 0.769
d. Present KVA. PF	3179.08	3179.08
e. Cumulative KWH		
TOD 1.	1	1
2.	1	1
3.	1	1
4.	1	1
B. BILLING PARAMETERS :		
a. Billing KWH	3137.66	3179.08
TOD 1.	1	1
2.	1	1
3.	1	1
4.	1	1
b. Billing KVA	0.2061	0.1922
TOD 1.	1	1
2.	1	1
3.	1	1
4.	1	1
c. Billing PF (Universal TOD)	0.990	0.986
TOD 1.	1	1
2.	1	1
3.	1	1
4.	1	1
d. MD Reset Count	83	84
e. MD Reset Manual/ Automatic On	Auto	Auto

Consumer's / Representative's Signature
With Seal

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