



# BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

(Wholly owned Government of Karnataka Undertaking)

No. EEMT/AEE(O)/BRAZ/AEE HTR/ **BPHT 222**

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

**Solar Synch: 449.73 kwp**  
**CA: 500 KVA**  
**CTR: 25/1A**  
**MC: 2500**

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

**S RTPV: 449.73 kwp**

Date: **27/02/2026**

Sir,

**Subject: Rating Report of HT/EHT Installation.**

The H.T. Installation having the following details has been rated for periodical rating/complaint on **29/10/2025**. 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:**

R.R. NO. **BPHT 222** CD. **500** KVA CTR. **25/1A** Previously rated on **27/02/2026**  
Activity..... Tariff **HT/A** A Meter Constant **2500**  
Name & Address of the Consumer **M/S. Lavanya Mudrana at plot #181-F**  
**Atlamangala FIADB Sabarpete**

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

The installation of meter is calibrated before and after the replacement of meter and found to be Synchronization of solar is successfully done. **S RTPV: 449.73 kwp**. The HTMC of meter wiring is checked, CT/PT

**3. ADVICE ON REVENUE MATTER:**

and TTB wiring is checked and found ok. Polarity test conducted and found the wiring are in order. **S RTPV: 449.73 kwp**

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

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

**ANNEXURE**

**1. DETAILS OF SEALS:**

SL.N O.	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	BRK 07343		BRM0457495	BRM0457496
2	TC Of Meter	BRA2B 72736		BRM1167152	BRM1167155
3	M.D. Reset Knob	BRA2B 72737		BRM1167153	BRM1167156
4	Optical Port				
5	T.T.B	BRA2B 89056		BRM1167154	BRM1167157
6	Meter Chamber Main Door	BRA2B 89057		BRM1167158	
7	Meter Reading Window			BRM1167159	
8	C.T./P.T. Chamber	BRA2B 72740		Retained	
9	Cable Entry Chamber	BRA2B 72741		MT113457	MT113458
10	Hologram	MT089556			

**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):**

$$MC = \frac{PT \text{ Ratio} \times CT \text{ Ratio} \times \text{Dial Constant}}{\text{Meter PT Ratio} \times \text{Meter CT Ratio}} = \frac{1100/\sqrt{3}/10/\sqrt{3}}{1 \times 1} \times \frac{25/1}{1} \times 1 = 2500$$

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

**Two thousand five Hundred only.**

(Guangzhou) Ltd. Solar Edge

2a | Serial number

Older Syner SRTPV: 449.73 kva.

DPHT22250

Make	Existing	After Replacement	Existing	After Replacement
1. Type	.....	.....	.....	.....
2. Class	.....	.....	.....	.....
3. Insulation level	.....	.....	.....	.....
4. Burden	.....	.....	.....	.....
5. Ratio Connected	.....	.....	.....	.....
7. SI.No.	.....	.....	.....	.....
1. R	.....	.....	.....	.....
2. Y	.....	.....	.....	.....
3. B	.....	.....	.....	.....

5. DETAILS OF METERS:

ETV Meter	Existing	New Meter	After Replacement
a. Make	L&T	L&T	L&T
b. Type	RR11154ES	RR11154ES	RR11154ES
c. Class	3063.5V	3063.5V	3063.5V
d. Voltage	14uW	14uW	14uW
e. Ampere	50000	50000	50000
f. Pulse / Unit	1	1	1
g. Dial Constant	24011375	25013645	25012090
h. SI. No.	.....	.....	.....

6. A. CALIBRATION DETAILS:

Calibrator	Meter	
a. Voltage V1, V2, V3	64.10, 64.00, 63.84	63.22, 63.58, 63.96
b. Current I1, I2, I3	0.303, 0.323, 0.298	0.129, 0.142, 0.110
c. P.F. / K W	0.994 / 0.0579	0.990 / 0.0256
d. Sequence	49B	49B
B. % of Error	.....	.....
a. Reading of Test Meter	.....	.....
b. Reading of Reference Meter	.....	.....
c. Percent Error	.....	.....

7. METER READINGS :

Parameter	Old Meter	After Replacement
A. Cumulative Parameters	.....	.....
a. Time Date, Month, Year	15-31 @ 27/02/2028	16-48 @ 27/02/2026
b. Demand with elapsed time	.....	.....
c. Self-diagnostic condition	.....	.....
d. Present KVA. PF	.....	.....
e. Cumulative KWH	.....	.....

B. BILLING PARAMETERS :

Parameter	Old Meter	After Replacement
a. Billing KWH	33.339	36.951
b. Billing KVA	0.0780	0.0828
c. Billing PF (Universal TOD)	0.955	0.897

d. MD Reset Count  
 e. MD Reset Manual / Automatic On / Off

Consumer's / Representative's Signature  
 With Seal

Chauhan 43.211 43.231 0.322 0.146 0.354 0.087  
 Chauhan 0.688 0.791 0.386 0.146 0.401 0.148

Serial number (Guangzhou) Ltd Solar Edge