



Bangalore Electricity Supply Company Ltd.

No. AEEE / HTR /

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

Office of the
Asst. Executive Engineer (Ele),
R/S H.T. Rating Sub-Division.
BRAZ, BESCOM

Additional load 125+75=200KVA
Replacement of sub 7.5/1 Amps
CT's by new 10/1 Amps CT's.

New MC: 1000

Date: 14-02-24

Subject : Rating Report of HT / EBT Installation

The H.T. Installation having the following details has been rated for periodical rating / complaint on 14-02-24
You are requested to take action on the observations and advices 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. JGNHT 810 CD. 125+75=200 KVA. 7.5/1A to 10/1A Previously rated on 18-01-24
Meter Constant 750 to 1000 Activity Ind

Name & Address of the Consumer.....

2. OBSERVATION & ADVICE ON TECHNICAL MATTER :

The installation meter is calibrated before & after CT replacement work, the account of additional load, the error records is found to be within the permissible limit.

3. ADVICE ON REVENUE MATTER :

New MC: 1000

4. DOWNLOADED TATA ANALYSIS ENCLOSED : YES / NO.

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

Yours faithfully,

[Signature]
Asst. Executive Engineer (Ele)
R/S H.T. Rating Sub-Dvn, BRAZ

Copy for kind information to :

- The Executive Engineer Ele., MT Division, BRAZ, Bangalore
- Executive Engineer Ele., O&M Chandapura Division, BESCOM,

In case of discrepancies :

- Chief Engineer Ele., BRAZ, B'lore.
- Superintendent of Police, Vigilance
- Accounts Officer, Internal Audit.

I. DETAILS OF SEALS :

Sl. No.	Seals Provided to	Sl. No. of Seals Found		Sl. No. of Seals Left	
		Lead	Plastic	Lead	Plastic
1.	M.C. of Meter	BMA 85293	C908603		
2.	TC of Meter		BR07A 53325		} Retained.
3.	M.D. Reset Knob		BR09404		
4.	Optical Port		—		BR02B 01281
5.	T.T.B.		—		—
6.	Meter Chamber Main Door		BR02B 01061		BR02B 01282
7.	Meter Reading Window		BR02B 01062		BR02B 01283
8.	C.T. / P.T. Chamber		—		—
9.	Cable Entry Chamber		UPG		BR02B 01284
10.			BR09408		BR02B 01285
11.			MT07907A		Retained.

2. DETAILS OF THE EQUIPMENTS :

- a) Cubicle Type : Cable Entry / 6 bushing / 3 bushing / LBS. Make..... Sl. No.
- b) Cubicle Conditions & Location Good
- c) Supply side G.O.S. : In Service / Direct / Removed.
- d) Lightning Arrestor - Provided / Not Provided

3. DETAILS OF CTs / PTs :

Sl. No.	Make	Existing		After Replacement	
		1	2	1	2
1.	Make	Kalpa	Kalpa	Kalpa	
2.	Type	I/D	I/D	I/D	
3.	Class	0.2	0.2s	0.2	
4.	Insulation level	15/38/95	15/38/95	15/38/95	
5.	Burden	2.5VA	2.5VA	2.5VA	
6.	Ratio Available	7.5/1A	10/1A	11kV/5J3	
7.	Ratio Connected	7.5/1A	10/1A	11kV/5J3	
8.	Sl. No. 1.	166104	23672	166464	
	2.	166103	23673	166465	
	3.	166102	23674	166464	

4. DETAILS OF METERS :
ETV Meter

Sl. No.	Make	Existing		After Replacement	
		1	2	1	2
a.	Make	L&T			
b.	Type	WR300BB11K4K3			
c.	Class	0.2s			
d.	Voltage	3x63.2V			
e.	Ampere	10Amps			
f.	Pulse / Unit	50000			
g.	Dial Constant				
h.	Sl. No.	16193535/2016			

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

$$\frac{\text{PT Ratio} \times \text{CT Ratio} \times \text{Dial Constant}}{\text{Meter PT Ratio} \times \text{Meter CT Ratio}} = \frac{110/\sqrt{3} / 110/\sqrt{3}}{1} \times \frac{10/1}{1} \times 1 = 1000$$

6. A. CALIBRATION DETAILS :

- a. Voltage V₁, V₂, V₃
- b. Current I₁, I₂, I₃
- c. P.F. / KW
- d. Sequence

MAIN CALIBRATOR
 65.01 64.71 64.85
 0.025 0.049 0.046
 0.974 | 0.0060

CHECK METER
 65.65 65.45 65.43
 0.024 0.035 0.036
 -0.943 | 0.0028

B. CALIBRATION DATA :

- a. Reading of Test Meter
- b. Reading of Reference Meter
- c. Percent Error

KVAH /

KVAH /

- MTE -
 0.077 %

- MTE -
 0.069 %

C. VOLTAGE MEASURED at a) RY

YB

BR

b) RG

YG

BG

7. METER READINGS :

A. Cumulative Parameters

- a. Time, Date, Month, Year
- b. Demand with elapsed time
- c. Self diagnostic condition
- d. Present KVA, PF
- e. Cumulative KWH

MAIN Existing
 15:00 / 14.2.24

CHECK After Replacement
 16:08 / 14.2.24

1000
 0.0061 | 0.974
 848.35

1000
 0.0033 | -0.943
~~848~~ 848.35

B. BILLING PARAMETERS :

- a. Billing KWH
- b. Billing KVA
- c. Billing PF (Universal TOD)
- d. MD Reset Count
- e. MD Reset Manual / Automatic on

844.97

848.35

0.0304

0.0296

0.867

0.799

99

00

Auto

Auto

8. CONSUMER EQUIPMENT DETAILS

- a. Transformer Make
- c. Capacity
- e. Vector Group
- g. D.G. Set Capacity

- b. Voltage Class
- d. Current
- f. Sl. No.

Pawar
 Consumer's / Representative's Signature
 with Seal

[Signature]
 Asst. Executive Engineer (Ele)
 H.T. Rating Sub-Division

Bangalore Electricity Supply Company Ltd.

OM
AEEE / HTR /

Office of the
Asst. Executive Engineer (Ele),
H.T. Rating Sub-Division
BRAZ, BESCO

The Asst. Executive Engineer (Ele)
J. S. S. O. O&M Sub-Division

BESCO

New No. 117/10

Date: 14.12.21

Sir,

Subject : Rating Report of HT / EHT Installation

The H.T. Installation having the following details has been rated for periodical rating / complaint on 14.12.21. You are requested to take action on the observations and advices 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 10.01.20

R.R. No. 16/11/21 CD. 120/400-200 KVA. Meter Constant 7.5/1000 Activity 100

Name & Address of the Consumer



2. OBSERVATION & ADVICE ON TECHNICAL MATTER :

The installation meter is calibrated below 4 after a replacement of meter. In view of above meter, the meter reads a load to be around 100 amp.

3. ADVICE ON REVENUE MATTER :

New No. 1000

4. DOWNLOADED TATA ANALYSIS ENCLOSED : YES / NO.

Summary of analysis if rated against complaint

Yours faithfully,

Asst. Executive Engineer (Ele)

H.T. Rating Sub-Dvn, I

Copy for kind information to :

1. The Executive Engineer Ele., MT Division, BRAZ, Bangalore

2. Executive Engineer Ele., O&M Division, BESCO,

In case of discrepancies :

3. Chief Engineer Ele., BRAZ, B'lore.

4. Superintendent of Police, Vigilance

Bangalore Electricity Supply Company Limited

(Wholly owned by Government of Karnataka Undertaking)

No. E-ESTDP/ALL/REG/EL/2023-24

10920-21

Office of
Executive Engineer (E.C.),
C. O&M (B.E.S.C) Div,
No. 201, Park Road,
Phase-I, Suryanarayana,
Chandapura.

29 DEC 2023

To

M/s PRIME POWER SYSTEM,
Pito No. 252, Jigani Bommsandrs Link Road,
Anekal Taluk.

Sr/Madam

Sub: Arranging power supply to an extent of Addl Load of 75 KVA to the existing contract demand 125 KVA totaling 200 KVA RRNO: JGNHT810 in favour of M/s PRIME POWER SYSTEM at Pito No. 252, Jigani Bommsandrs Link Road, Anekal Taluk.

Ref: 1) Your Application Reg. No. 8264857 dated 16/10/2023

2) Order No. WBE/REG/AT/1/2023-24/5001 dated 08/12/2023

BESCOM is pleased to sanction for power supply to an extent of Addl Load of 75 KVA to the existing contract demand 125 KVA totaling 200 KVA RRNO: JGNHT810 in favour of M/s PRIME POWER SYSTEM at Pito No. 252, Jigani Bommsandrs Link Road, Anekal Taluk.

Subject to below conditions:

• Power supply will be arranged from F16-SRI KRISHNA RAJA

2. You are requested to pay the following charges by DD (Cash) above 10000/- only DD will be accepted) payable at the office of the Asst. Executive Engineer (C.O&M), BESCOM, JIGANI Sub-Division within 90 Days from the date of this intimation and furnish the payment certificate for taking further action in this matter.

Payment Towards	Amount(Rs.)
Additional Security Deposit(ASD) [48,103]	163500.00
05% Supervisory Charge(51,504)	2794.00
CGST 8%	251.00
SGST 9%	251.00
Total	166796.00

3. To Submit payment certificate along with Self execution agreement on Rs. 200/- stamp paper regarding obtaining of necessary line clearance from field staff for safe execution of works & to comply with all safety procedure duly using safety equipment's during the course of work after which a works certificate / permit will be issued to take up the works on Self execution basis.

4. The existing equipment to be installed should be conspicuously visible and at the main entrance to the premises preferably with an independent entrance.

5. You should own and install the necessary transformer at your end to receive and step it down to the required distribution voltage for your installation.


6. It is proposed to 7.5/1 Amps by 10/1 Amps 3CT.

7. a) You should execute an agreement in the prescribed form and shall be submitted to the Executive Engineer Elec of concerned division along with payment certificate.

- to produce necessary license/permit/NOC objection certificate etc. issued by the competent authorities as required under statute
8. Submit the completion cum test report from Class-I Licensed Electrical Contractor along with lists in duplicate showing details of machinery, make, capacity and the layout plan of your premises within which you intend to use the power. The capacity of any individual machinery/equipment installed/connected shall not be more than the contract demand.
 9. You should produce the approval of competent authority of Electrical Inspectorate to charge the equipment installed by you.
 10. After payment of requisite supervisor charges and deposits and fulfilment of stipulated conditions administrative approval/certificate will be issued from this office.
 11. You should comply with the following requirements within a period of 90 days from the date of this letter failing which the sanction will stand cancelled.
 - a) Execute an agreement in prescribed form on RS 300/- stamp paper.
 - b) Furnish the contractor's completion cum test report along with a list in duplicate showing details of machinery, make, capacity and the layout plan of your premises within which you intend to use the power. The capacity of any individual machinery/equipment installed/connected shall not be more than the contract demand.
 - c) You are liable to pay the tariff minimum charges from the date of commencement of supply i.e. actual date of availing of the power supply or expiry of 90 days of notice issued by BESCOM whichever is earlier as indicated in the agreement even if you fail to avail power supply.
 - d) The tariff applicable to your installation will be as per the prevailing power tariff.
 - e) 11 KV System shall be as per BESCOM standards, practices, the material used shall conform to (BESCOM/KPTCL specification and got inspected before commencing of work by the undersigned).
 - f) All the major materials like transformer, AGSR conductor, metering cubicle, HT UG cable, LT UG cable, 11 KV air insulator and 11 KV single/double break GDS shall be procured only from the BESCOM approved vendors. You have to use only 11 KVA polymeric type of insulator as per the directions of corporate office vide Cir No. BESCOM/SC-9/CGM/CA/DGM/CA-3/P-752/13-14/Cys 113 dated 29.08.13.
 - g) You shall submit the copies of invoice/bills respect of materials purchased by you for proof of having purchased materials from approved vendors/dealers.
 - h) Guarantee shall be furnished for a period of not less than one year for the materials used in the works as well as quality of works carried out from the date taking over the lines and equipments by BESCOM.
 - i) You have to install approved shunt capacitors of appropriate capacity, so as to maintain the power factor at not less than 0.90.
 - j) If you are not desirous of availing the power supply, the amount paid by you towards initial security deposits (Water security) will be refunded on application, after deducting of 10% of the total amount.
 - k) The approval for your installation by electrical inspectorate (Test and Commissioning Certificate) should be produced for servicing of your installation.
 - l) You have to produce necessary license/permit/NOC from KSPCB before placing Work Order.
 - m) You have to produce necessary NOC from respective PGCIL/KPTCL if any EHT lines pass in premises before availing power supply to the layout/building.
 - n) For all EHT/HT/LT lines passing through the layout/building safety clearance to be maintained. (Statutory) are shifting of existing lines to be done at your cost.
 - o) BESCOM is not responsible in whatsoever manner regarding any of legal dispute that may arise at later stage.
 - p) The entire distribution system along with connected equipment's will be taken over by KPTCL/BESCOM after completion of work.
 - q) Intimation issued as per manual estimate.

You are requested to contact Assistant Executive Engineer (Ele), Jigani Sub-Division, BESCOM or this office for any clarification.

Yours Sincerely,


 Executive Engineer (Ele)
 Jigani Sub-Division, BESCOM
 Channarayana

B BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED / **ಬೆಂಗಳೂರು ವಿದ್ಯುತ್ ಸರಬರಾಜು ಸಂಸ್ಥೆ**
 Signal Online1
 20230046416
RECEIPT
 Receipt No. **2264857JCMHT810**
 Date **29/12/2023 15:33**
 Consumer I.D. No. **PRIME POWER SYSTEMS**
 Type **5% Supervisory Charge(BT.004)**
 Bill No. **Rupees Two Thousand Seven Hundred Ninety Four Only**
 Amount in Rs. **2794.00**
 Amount in Words **DD-24505 28/12/2023**
 Payment Mode **Cash**
 Signature of the Cashier **MOHAN KUMAR M**

B BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED / **ಬೆಂಗಳೂರು ವಿದ್ಯುತ್ ಸರಬರಾಜು ಸಂಸ್ಥೆ**
 Signal Online1
 20230046417
RECEIPT
 Receipt No. **2264857JCMHT810**
 Date **29/12/2023 15:33**
 Consumer I.D. No. **PRIME POWER SYSTEMS**
 Type **CGST 9%**
 Bill No. **Rupees Two Hundred Fifty O ne Only**
 Amount in Rs. **251.00**
 Amount in Words **DD-24505 28/12/2023**
 Payment Mode **Cash**
 Signature of the Cashier **MOHAN KUMAR M**

B BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED / **ಬೆಂಗಳೂರು ವಿದ್ಯುತ್ ಸರಬರಾಜು ಸಂಸ್ಥೆ**
 Signal Online1
 20230046418
RECEIPT
 Receipt No. **2264857JCMHT810**
 Date **29/12/2023 15:33**
 Consumer I.D. No. **PRIME POWER SYSTEMS**
 Type **SGST 9%**
 Bill No. **Rupees Two Hundred Fifty O ne Only**
 Amount in Rs. **251.00**
 Amount in Words **DD-24505 28/12/2023**
 Payment Mode **Cash**
 Signature of the Cashier **MOHAN KUMAR M**

B BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED / **ಬೆಂಗಳೂರು ವಿದ್ಯುತ್ ಸರಬರಾಜು ಸಂಸ್ಥೆ**
 Signal Online1
 20230046419
RECEIPT
 Receipt No. **2264857JCMHT810**
 Date **29/12/2023 15:33**
 Consumer I.D. No. **PRIME POWER SYSTEMS**
 Type **Financial Security Deposit (FSD) (Rs. 10**
 Bill No. **Rupees One Lakhs Sixty Thr ee Thousand Five Hundred Only**
 Amount in Rs. **163500.00**
 Amount in Words **DD-24505 28/12/2023**
 Payment Mode **Cash**
 Signature of the Cashier **MOHAN KUMAR M**