



BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED
(Wholly owned Government of Karnataka undertaking)

No: AEE/LTR/HRR/2025-26/
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Office of the
Assistant Executive Engineer (Ele)
LT Rating Sub-division -
BESCOM, Harihar
Date:

PRE-COMMISSIONING TEST REPORT OF NEW LT INSTALLATION

SUB: Arranging power supply to 60kW to EV charging station in the name of Indian oil Corporation Limited (IOCL) at the premises of Sri Prajwal Service Station, syno 142, Sasnehalli, which is already having LT installation of 9 kW of RRNO SHCP 369 at Sasnehalli section, Honnali, Harihar.

REF 1	Circular No: CGM(O)/DGM OP(3)/AGM(OP-1)/22-23/CYS-02 Date: 01.04.2022
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PC TEST CONDUCTED ON	22-12-2025
GPS CO-ORDINATION (Lat/Long)	14.15171 75.71809
DATE OF COMMISSIONING	22-12-2025
R.R.NO/TARIFF	SH EV 2868 LT 6(C)

A. DETAILS OF NEW LT INSTALLATION.

1	Name & Address of the Consumer	Indian oil Corporation Limited (IOCL) Sri Prajwal Service Station, syno 142 Sasnehalli village, Honnali	
2	Power Sanction Ref	(2)	
3	Sanctioned Load	60 kW	
4	LT CT Ratio	CTR (A): 100/1A	CTR (C): 100/1A
5	LT PT Ratio	440V/√3/110V/√3	440V/√3/110V/√3



MP for Energy
(CTR&PTR)

100 x 440 = 4400
1 110

400 (Kwh, KVA, KVAh)

DETAILS OF EXISTING LT METERING PANEL :

0	Technical Specifications	Equipment Details
1	Make	M/s Smart Switch Gear
1	Type	Outdoor (Single Window/Double Window)
3	Voltage Class	LT Metering
4	SI No.	5 ST / LTMc / 543 / 2025-26
5	Y.O.M.	2025-26
6	Cable Type	Cable
7	Tr Protection: Supply Side	GOS+DOLO
8	LT Protection: Load Side	MCB

C. DETAILS OF OLD LT METERING CT's & PT's :

Sl. No.	Details	C.T's	P.T's
1	Make	M/s Kalpa	M/s Kalpa
2	Type	RC/W/P	RC/W/P/N-Barbed
3	Class of Accuracy	0.2S	0.2
4	Phase & Core	Single	Single
5	Insulation level	0.72/3KV	0.72/3KV
6	Burden in VA	2.5VA	5VA
7	Ratio Available	344 / 100/1A	440V/N3/110V/N3
8	Ratio Connected	100 / 1A	440V/N3/110V/N3
9	SI No.	R Ø- Y Ø- B Ø- 341463 341464 341465	325595 325596 325597
10	Y.O.M.	2025	2025
11	Rated System Voltage	440V	440V
12	Highest System Voltage	440V	440V
13	Rated OCF	30xIP/1.0 Sec.	-----
14	Voltage Factor	-----	1.2 Cont