



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 MS Building existing RRNO HP/36, sanction load of 17kw) LV charging station requesting a load of 60kw m the name of DRSH, IOCL Ballari divisional office, Ballari site at Minerva service station, Devanayakanahalli, Honnali.

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	29-12-2025	
GPS CO-ORDINATION (Lat/Long)	14.234608	75.655562
DATE OF COMMISSIONING	29-12-2025	
R.R.NO/TARIFF	HEV2871	LT6(C)

A. DETAILS OF NEW LT INSTALLATION.

1	Name & Address of the Consumer	IOCL, M/s Minerva Filling station, Honnali town, Devanayakanahalli, Honnali	
2	Power Sanction Ref	(2)	
3	Sanctioned Load	60KW	
4	LT CT Ratio	CTR (A): 100 /1A	CTR (C): 100 /1A
5	LT PT Ratio	440V/√3/110V/√3	440V/√3/110V/√3
6	MF for Energy (CTR x PTR)	$\frac{100}{1} \times \frac{440}{110} = 400$	400 (Kwh, KVA, KVAh)

3. DETAILS OF EXISTING LT METERING PANEL :

Sl. No.	Technical Specifications	Equipment Details
1	Make	M/s (L&T) Smart Switch Gear
2	Type	Outdoor (Single Window/Double Window)
3	Voltage Class	LT Metering
4	Sl No.	25011856
5	Y.O.M.	Oct. 2025
6	Cubicle 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/WP	RC/WP/N-Earthened
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	100 /1A	440V/√3/110V/√3
8	Ratio Connected	100 /1A	440V/√3/110V/√3
9	Sl No.	R Ø-	325072 } 25
		Y Ø-	325073 } 25
		B Ø-	325074 } 25
10	Y.O.M.	2025-26	2025-26
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