



सत्यमेव जयते

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
विद्युत प्रणाली संचार विकास प्रभाग
Power System Communication Development Division

CEA Case No. : KNK-1209		
Induced Voltage (IV) calculation for PTCC proposal of LILO of 220 kV S/C Doni-Lingapura S/s at proposed 220 kV Mevundi S/s. (Length-6.872 km)- regd.		
S. No	Reference No.	Dated
(i)	KPTCL: CEE/SLDC/PTCC/F-3873/6524-533	18.10.2025
(ii)	BSNL: SR-PTCC/F-3873/5	30.01.2026
(iii)	SOUTH CENTRAL RAILWAY No. SG/SWR/PTCC/Corres/E:2-12	23.12.2025
(iv)	DEFENCE: B/46937/Sigs-7(b)/5270	24.12.2025

The PTCC proposal submitted vide reference (i) has been examined. DET (PTCC), SR, BSNL vide reference (ii), GM (S&T), South Central Railway vide reference (iii) and DG Signals, MoD vide reference (iv) has issued No Objection Certificate (NOC) for charging of the line.

EPR zone for proposed S/s is mentioned below:

Name of the proposed Substation	Half diagonal distance , D/2 (mts)	Fault Current I (A)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220kV Mevundi S/s	131	37500	0.13	1356	852	N.A	N.A

As per the Telecom Details submitted by BSNL vide above reference (ii), no telephone exchange of BSNL is falling within the EPR zone of proposed Substation.

Taking above into consideration, necessary action for issuance of provisional PTCC route approval (RAC) shall be taken under intimation to this office in the stipulated period as specified in PTCC Manual and subsequent CLPTCC meetings.

As per the decision taken in 111th and 112th CLPTCC meeting, necessary instructions for "Deemed Energization approval" shall be specified while issuing RAC.

Encl.: As above

Digitally signed by
Suman Kumar Maharana
Date: 13-02-2026
14:11:17

Chief Engineer

To,

1.	Divisional Engineer (PTCC), Southern Zone	O/o Divisional Engineer Telecom (PTCC) QA & Inspection circle, 2 nd Floor, Sanchar Complex, WMS Compound, Jayanagar 5 th Block, 9 th main, 47 th Cross, Bengaluru - 560041	
3.	KPTCL	Manager, POWERGRID, Manvi CAO, Jayanagar, Rao's Colony, Behind Laksmi Temple, Manvi Raichur - 584123	Copy for information.

