



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



CEA Case No.: KNK-1212		
Induced Voltage (IV) calculation for PTCC proposal for conversion of 220 KV T.K. Halli - Vajamangala SC line on SC towers by 220 KV DC line on DC/MC narrow based towers in the existing corridor between 220/66/11 KV T.K Halli R/S and 220/66/11 KV Vajamangala R/S in Mysore and Mandya District (57.524 km)- regd.		
S.No.	Reference	Dated
(i)	KPTCL: CEE/SLDC/PTCC/F-3888/7727-736	19.11.2025
(ii)	KPTCL: Email for sharing Documents	02.03.2026
(iii)	BSNL: SR-PTCC/F-3888/5	22.01.2026
(iv)	South Western Railway: SG/SWR/PTCC/F-3888/2980	25.02.2026
(v)	Defense: B/46937/Sigs 7(b)/5438	16.02.2026

The PTCC proposal submitted vide above reference(s) (i) and (ii) has been examined. DET (PTCC), Southern Zone (Bangalore) vide reference (iii) and ASTE/Tele/HQ (South Western Railway) vide reference (iv) above has given NOC.

ADG (Telecommunications) has issued No Objection Certificate (NOC) vide reference (v) above (attached as Annexure).

Both substations are existing therefore EPR calculations are not warranted. As per the details submitted by BSNL vide reference (iii) above, no telephone exchanges are falling in the EPR zone of the proposed substation.

Taking above into consideration, necessary action for issuance of 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

Chief Engineer

To,

1.	DET (PTCC), Southern Zone	BSNL, Inspection Circle, 2nd Floor, Sanchar Complex, WMS Compound, Jayanagar 5th Block, 9th Main, 47th Cross, Bangalore-560041	
2.	Member (Power), KPTCL	Chief Engineer Electricity, SLDC #28, Race Course Road, Bengaluru-560009	Copy for information

Annexure

Directorate General of Signals (Signals-7)
 General Staff Branch
 Integrated HQ of MoD (Army)
 DHQ PO, New Delhi -11


CEA 17 Command

B/46937/Sigs-7(b)/5438 dt 16 Feb 2026

Chief Engineer Electricity
Karnataka Power Transmission Corporation Ltd.
State Load Dispatch Centre # 28, Race Course Cross Road
Bengaluru - 560 009

**PTCC PROPOSAL FOR CONVERSION OF EXISTING 220KV T.K HALLI -
 VAJAMANGALA SC LINE ON SC TOWERS BY 220KV DC LINE ON
 DC/MC NARROW BASED TOWERS WITH AAAC MOOSE CONDUCTOR
 IN THE EXISTING CORRIDOR BETWEEN EXISTING 220/66/11KV T.K
 HALLI RS AND 220/66/11KV VAJAMANGALA RS IN MANDYA &
 MYSORE DISTRICT**

1. Ref your letter No CEE/SLDC/PTCC/F-3888/7727-736 dt 29 Nov 2025
2. No Objection Certificate (NOC) is **accorded** based on inputs provided as per Map sheet received vide your letter mentioned above.
3. Documents alongwith map sheets (in original) are returned herewith for your further necessary action.


 (Puneet Lakhanpal)
 Lieutenant Colonel
 General Staff Officer Grade-1 (Communication)
 for Additional Director General (Telecommunication)



Copy to:-

HQ Southern Comd (Sigs)
 PIN -908541
 C/o 56 APO

Chief Engineer, PSCD Division
 Central Electricity Authority
 Room No 702 (North Wing)
 Sewa Bhawan, RK Puram, Sector-1

For info pl.