



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. :MRA-1333		
Induced Voltage (IV) calculation for PTCC proposal of LILO of 400 kV D/C Koradi – NandgaonPeth S/s at proposed 400 kV NandgaonPeth S/s. (Length-6.64 km)- regd.		
S. No	Reference No.	Dated
(i)	MSETCL: MSETCL/CO/PS/PTCC/IN/A-168/09306	28.10.2025
(ii)	MSETCL: e-mail	22.01.2026
(iii)	BSNL IC/MBI/PTCC/MRA-2760/02	31.12.2025
(iv)	Western Railway :N.705/T/PTCC/400kV/MAH-994	26.11.2025
(v)	Defense: B/46937/Sigs-7(b)/5281	19.12.2025

The PTCC proposal submitted vide reference (i) and (ii) been examined. Divisional Engineer (PTCC), Northern Zone, BSNL vide reference (iii) and Dy. CSTE (Tele.), North Western Railway vide reference (iv) and ADG (Telecom), MoD vide reference (v) has their issued No Objection Certificate (NOC) for charging of the line.

EPR Zones for proposed substation is mentioned below:

Name of the proposed S/s	Half Diagonal Distance, D/2 (mts)	Fault Current, I (kA)	Resistance of earthmat, R (Ohms)	d (mts) at 430 V	d (mts) at 650V	d (mts) at 7 kV	d (mts) at 10kV
400 kV Nandgaon Peth S/s	259	50.4	0.06	1562	946	N.A	N.A

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.

Digitally signed by
Suman Kumar Maharana
Date: 14-02-2026
18:56:05
Chief Engineer

To,

1.	Divisional Engineer (PTCC), Western Zone	QA & Inspection circle, 1st floor, D- wing, BSNL Admin Bldg., Junu Tara Road, Santacruz (West), Mumbai-400054	
3.	Chief Engineer	O/o Chief Engineer Projects Schemes, CO, MSETCL	Copy for information