



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-1329		
Induced Voltage (IV) calculation for PTCC proposal for LILO of Navsari (New) – Padghe (PG) 765 kV DC line at 765/400/220 kV Boisar-II PS (Loop In line) (12.627 km)- regd.		
S.No.	Reference	Dated
(i)	KHAVDA: Khavda/SPV/765kVSO/2025-26/163	17.11.2025
(ii)	KHAVDA: Email_EMD parameters	08.04.2026
(iii)	BSNL: IC/MBI/PTCC/MRA-2772/02	10.02.2026
(iv)	Western Railway: SG.158/28/9/355	19.12.2025
(v)	Defense: B/46937/Sigs 7(b)/5164	19.12.2025

The PTCC proposal submitted vide above reference(s) (i) and (ii) has been examined. DET (PTCC), Western Zone vide reference(iii) and GM (S&T) (Western Railway) vide reference (iv) above has given NOC.

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

EPR Zones for proposed substations are mentioned below.

Name of the proposed SS	Half Diagonal Distance, D/2 (mts)	Fault Current, I (kA)	Resistance of earthmat, R (Ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7 kV	d (mts) at 10 kV
765/400/220 kV Boisar -II PS	261.8	37.8	0.49	11015	7198	431	223

All stakeholders to take a note of the EPR zone for non-presence of any telecom equipment that could be affected due to it, considering the fact that contour of EPR zone is spreading across 11.015 kms and the telecom details were sought only for 08 kms boundary.

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), Western Zone	QA & Inspection circle, 1st floor, D- wing, BSNL Admin Bldg., Juhu Tara Road, Santacruz (West), Mumbai-400055	
2.	GM(S&T) (Western Railway)	Western Railway, S&T Dept., 5th Floor, Station Building, Church gate, Mumbai – 400020	
3.	Director General of Signals	General Staff Branch, Integrated HQ, MoD (army), Sena Bhawan, DHQ, PO, New Delhi- 110105	
4.	M/s Khavda IV C Power Transmission Limited	F-22, 1st Floor, Plot No -7&8, Good Life, Tata Housing Near Reliance Smart Bazar, Boisar East, Distt. - Palghar, Maharashtra - 401501	Copy for information

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

MRA-1329

B/46937/Sigs-7(b)/5164 dt /9 Dec 2025

KHAVDA IV C POWER TRANSMISSION LIMITED
 F-22, PLOT NO 7 & 8, GOOD LIFE,
 TATA HOUSING NEAR RELIANCE SMART BAZAR,
 BOISAR EAST DIST - PALGHAR,
 MAHARASTRA - 401 501

**NOC FOR PTCC AVIATION FOR INSTALLATION OF LILO OF
 NAVSARI(NEW) - PADGHE(PG) 765 KV D/C LINE AT BOISAR-ii PACKAGE
 C OF TRANSMISSION SYSTEM FOR EVACUATION OF POWER FROM
 POTENTIAL RENEWABLE ENERGY ZONE IN KHAVDA IV C
 POWER TRANSMISSION LIMITED**

1. Ref your letter No KHAVDA/SPV/765KVSO/202526/127 dt 22 Sep 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)

Encls: As above

Copy to:-

HQ Southern Comd (Sigs)

Chief Engineer, PSCD Division
 Central Electricity Authority
 Room No 702 (North Wing)
 Sewa Bhawan, RK Puram, Sector-1
 New Delhi-110 066

for info pl.

Sh. Anshy (DD)
02/01/2026

Central Electricity Authority

PSCD Division

Diary No. 2019

Date: 02/01/2026