



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. : GUJ-856		
Induced Voltage calculation for LILO of 220 kV D/C SHAPAR - BABRA Transmission Line at proposed 220 kV KAMLAPUR S/s (Length: 10.341 km).		
Reference:		
S. No.	Reference No.	Dated
(i)	GETCO: CE(P)/EE(TR-II)/T-5/9915	29.05.2023
(ii)	Email	23.12.2025
(iii)	BSNL: IC/MBI/PTCC/GUJ – 2955	25.06.2024
(iv)	Western Railway: SG. 158/28/12/1331	21.06.2023
(v)	Defense: B/46937/Sigs 7(b)/3399/	05.09.2023

The PTCC proposal submitted vide reference (i) and (ii) have been examined. DET (PTCC), WR, BSNL vide reference (iii), GM (S&T), Western Railway vide reference (iv) and DG Signals, MoD vide reference (v) has 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
220kV KAMLAPUR S/s	210.55	28	0.22	2805.6	1784.9	N.A	N.A

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.

Chief Engineer

To,

1.	Divisional Engineer (PTCC)	QA & Inspection circle, 1 st floor, D- wing, BSNL Bldg., Santa Cruz (West), Mumbai-400054
2.	Chief Engineer (Projects)- GETCO	Sardar Patel Vidyut Bhawan, Race Course GETCO, Vadodara