



सत्यमेव जयते


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

CEA Case No. : RAJ-715		
Induced Voltage (IV) calculation for PTCC proposal of 220 kV S/C Transmission Line from 220/33 kV Altra Xergi PPSS of Altra Xergi 380MW Solar Plant to 765/400/220 kV PGCIL Fatehgarh III S/S. [Length-5.0 km] - Regd.		
S. No	Reference No.	Dated
(i)	Altra Xergi Power Private Limited: CEA/PTCC/Altra Xergi-380MW/01/06/2023	13.06.2023
(ii)	Altra Xergi Power Private Limited: AXPPL/380 MW/Provisional-PTCC/TL/10/2023	17.10.2023
(iii)	Altra Xergi Power Private Limited: e-mail	19.10.2023
(iv)	BSNL: DET/PTCC/ND/DV-10216/Raj-1423/2023-2024	20.10.2023
(v)	North Western Railway: SG/158/NWR/PTCC/919	30.06.2023

The PTCC proposal submitted vide reference (i) and (iii) has been examined. DET (NZ), BSNL vide reference (iv) and North Western Railway vide reference (v) have issued No Objection Certificate (NOC) for charging of the line.

EPR Zones for proposed substation is mentioned below:

Name of the proposed SS	Half Diagonal Distance, D/2 (mts)	Fault Current, I (kA)	Resistance of earth mat, R (Ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7 kV	d (mts) at 10 kV
220/33 kV Altra Xergi PPSS	54.6	40	0.36	1774	1155	58	24

Telecommunication details from DG Signals, MoD are pending however, vide reference (ii) above, Altra Xergi Power Private Limited has shown urgency for charging the line and requested for provisional PTCC clearance.

In view of the above, necessary action for issuance of provisional PTCC route approval may be taken for the subject transmission line under intimation to this office.

Encl.: As above

20.10.2023
 (म.ज.बी.)
 Director

1.	Divisional Engineer (PTCC), Northern Zone	BSNL, O/o GM (North), QA & Inspection Circle D-Tax Building, Eastern Court, Janpath, New Delhi	
2.	AVP -Power Evacuation Altra Xergi Power Private Limited	2 nd Floor, Square One Mall Push Vihar, New Delhi	