

I/29959/2023



सत्यमेव जयते


 वैश्व कुटुम्बम्  
 ONE EARTH - ONE FAMILY - ONE FUTURE

**भारत सरकार**  
**Government of India**  
**विद्युत मंत्रालय**  
**Ministry of Power**  
**केन्द्रीय विद्युत प्राधिकरण**  
**Central Electricity Authority**  
**विद्युत संचार विकास प्रभाग**  
**Power Communication Development Division**  
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CEA Case No.: HP-70		
Induced Voltage (IV) calculation for PTCC proposal of LILO of 220 kV Bajoli-Holi to Lahal Transmission Line at 220/66 kV GIS Heiling S/S [Length- 0.735 km]– Regd.		
Reference:		
S. No.	Reference No.	Dated
(i)	HPPTCL Letter No:HPPTCL/DGM/PTCC-Approval/2022-3816-23	03.10.2022
(ii)	HPPTCL e-mail	18.08.2023
(iii)	BSNL: DET/PTCC/ND/DV-10221/HP-259/2023-2024/	01.08.2023
(iv)	Northern Railway : 342-SIG/1/PTCC/N/2022-23/08/01	05.08.2022
(v)	Defense : B/46937/Sigs 7(b)/3092	03.01.2023

The PTCC proposal submitted vide reference (i) & (ii) has been examined. Vide above reference (iii), (iv) & (v) DET, PTCC NZ, BSNL, AESTE, Northern Railways and DG Signals, MoD has intimated that no telecom assets exists within the vicinity of 8 km on either side of the proposed power line and have issued No Objection Certificate (NOC).

EPR zone for proposed S/S is mentioned below:

Name of the proposed Substation	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 7kV	d (mts) at 10kV
220/66kV Heiling at Dalli S/S	80	18	0.55	1762	1138	33	N.A

Taking above into consideration, necessary action regarding issuance of PTCC approval for the subject cited transmission line might be taken under intimation to this office.

**Encl.:** As above.

Signed by Len.j.b

Date: 29-08-2023 13:24:05

Reason: Approved

**Director**

**To,**

1.	Divisional Engineer (PTCC), Northern Zone	O/o PGM(N), QA & Inspection Circle D-Tax Building, Janpath, New Delhi	
2.	DGM & Head Trans Designs	HPPTCL Anu, Hamirpur, H.P	Copy for information