

I/27021/2023



सत्यमेव जयते



**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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<b>CEA Case No. : UP-588</b>		
<b>PTCC proposal for 220 kV D/C Kursi Road (400 kV S/S) - Kanduni (220 kV S/S) Transmission Line [Length-44.236 km]-Regd.</b>		
<b>Reference:</b>		
<b>S.No.</b>	<b>Reference No.</b>	<b>Dated</b>
(i)	UPPTCL: 185/ETD(S)/	29.11.2021
(ii)	UPPTCL: 2504/ETD(S)/220kVDCKursiRoad(400)-Kanduni(220)Line	24.12.2022
(iii)	BSNL: DET/PTCC/ND/DV-10013/UP-1019/2022-2023/	02.06.2022
(iv)	North Eastern Railway: NER-HQ0SndT(TELE)/31/2020-O/O PCSTE/HQ/NER (received via e-mail on 28.03.2023)	15.02.2022
(v)	Defense: B/46937/Sigs 7(b)/2712/	19.01.2022

The PTCC proposal submitted vide reference (i) & (ii) has been examined. DET (PTCC), NZ, BSNL, North Eastern Railway, and DG Signals, MoD have issued No Objection Certificate (NOC) vide reference (iii), (iv) & (v) respectively.

EPR Zones for new 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 kV Kanduni S/s	157	40	0.092	1187	732	NIL	NIL

As per the details submitted by BSNL vide above reference (iii), no telephone exchanges are falling in the EPR zone of the proposed substations.

Taking above into consideration, necessary action for issuance of PTCC route approval may be taken under intimation to this office.

Encl.: As above.

**Chief Engineer**

I/27021/2023 To,

1.	Divisional Engineer (PTCC), Northern Zone	BSNL, O/o PGM(North), QA & Inspection Circle D-Tax Building, Eastern Court, Janpath New Delhi-110001	
2.	Executive Engineer, UPPTCL	Electricity Transmission Division UPPTCL Type IV/I 220kV Hydrel Colony Hussainganj, Sitapur	For information