



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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Case No. : UP-542:

PTCC proposal of 220 kV D/C Firozabad to Agra (PG) @ 220 KV Tundla S/S transmission line: 0.287 km

## Reference:

S. No.	Reference No.	Dated
(i)	UPPTCL : 1033/ETD(F)	24.09.2020
(ii)	BSNL: DET/PTCC/ND/DV-9774/UP-899/2020-21	09.02.2021
(iii)	North Central Railway: NCR/S&T/2074/telecom/PTCC(part-1)	21.01.2021
(iv)	Defense: B/46937/ Sigs 7(b)/2179	27.11.2020

The PTCC proposal submitted vide reference (i) has been examined. BSNL vide reference (ii) has intimated that there are no BSNL lines (copper cable and armored OFC) in the route of the proposed power line and has conveyed NOC. The LF induction on Block & Telecom circuits of North Central Railway with respect to details furnished vide above references (iii) has been computed. The voltages likely to be induced on Block & Telecom circuits of North Central Railway under Single Line to Ground fault condition are enclosed at Annexure. The screening factors, as applicable, have been considered. The Defense Authority have accorded NOC vide above reference (iv) for the proposed power line.

Taking above into consideration, necessary action regarding issuance of PTCC route approval may be taken.

Encl.: As above.

Signature Not Verified

Digitally signed by RAGHUVENDRA PRATAP SINGH  
Date: 2021.09.06 15:53:33 IST

Director

To,

1.	Divisional Engineer Northern Zone	BSNL O/o PGM (N), QA & Inspection Circle, D-Tax Building, Eastern Court, Janpath, New Delhi 110001	W/O Annexure
2.	AESTE/TELE/HQ	North Central Railway, HQ's office (S&T Branch), Ganga Parisar, Subedarganj, Allahabad-211015.	Annexure
3.	EE, Electricity Transmission Division	UPPTCL, Electricity Transmission Division, 220 kV S/S, Ashfabad, Firozabad-283203.	Copy for information

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**ANNEXURE**

Case No.: UP-542

Name of the Power line: 220 kV D/C Firozabad to Agra (PG) @  
220 KV Tundla S/S transmission line.Map Scale : 1 cm=500 m  
Total Length : 0.287 km  
S.R. Value : 10,000 ohm-cm


S.No.	Telecom. Details	Length of Parallelism in Km.	Mutual Coupling in Ohms.	Effective Fault current in Amps.	I.V in Volts.
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North Central Railway: NCR/S&amp;T/2074/telecom/PTCC(part-1)

Dated: 21.01.2021

**Affected Blocks & Telecom Circuits Details**

1	Tundla to Hirangaon		Out of Parallelism		00
2	Hirangaon to Firozabad		Out of Parallelism		00

  
TANUJ  
सहायक निदेशक-II / Asstt. Director-II  
केन्द्रीय विद्युत प्रशासन/C.E.A.  
विद्युत मंत्रालय / Ministry of Power  
भारत सरकार / Govt. of India  
नई दिल्ली / New Delhi-66