



**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-537:
PTCC proposal for LILO of 220 kV D/C Neebkarori to Mainpuri ( PG) transmission line at 220 kV Farukhabad S/S : 8.164 km

Reference:		
S. No.	Reference No.	Dated
(i)	UPPTCL: 629/E.T.D.(F)	04.08.2020
(ii)	BSNL: DET/PTCC/ND/DV-9753/UP-886/2020-21	25.02.2021
(iii)	North Central Railway: NCR/S&T/2074/telecom/PTCC(part-1)	02.02.2021
(iv)	UPPTCL: 1671/E.T.D.(F)	03.03.2021

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.

Telecommunication details from the Defense Authority are pending and the power authority has shown urgency for charging the line vide above reference (iv). In view of this, necessary action regarding issuance of **provisional PTCC route approval for LILO of 220 kV D/C Neebkarori to Mainpuri (PG) transmission line at 220 kV Farukhabad S/S** may be taken.

Encl.: As above.

Signature Not Verified  
Digitally signed by PRATAP SINGH  
Date: 2021.06.16 17:40:08 IST

**Director**

To,

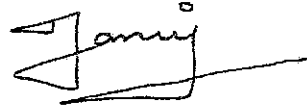
1.	Divisional Engineer (PTCC), Northern Zone	BSNL O/o PGM (N), QA & Inspection Circle, D-Tax Building, Eastern Court, Janpath, New Delhi 110001	W/O Annexure
2.	ASTE/TELE/HQ	North Central Railway, HQ's office ( S&T Branch), Ganga Parisar, Subedarganj, Allahabad-211015	With Annexure
3.	EE, Electricity Transmission Division	UPPTCL, Office of the Executive Engineer, Electricity Transmission Division, 132 kV Sub Station- Bholepur, Bewar Road, Fatehgarh, Dist. - Farrukhabad-209602.	Copy for information

M/G

**ANNEXURE**

<b>Case No.:</b> UP-537		<b>Map Scale</b> : 1 cm=500 m			
<b>Name of the Power line:</b> LILO of 220 kV D/C Neebkarori to Mainpuri ( PG) transmission line at 220 kV Farukhabad S/S.		<b>Total Length</b> : 8.164 km			
		<b>Soil Resistivity</b> : 40,000 ohm-cm			
S.No.	Telecom. Details	Length of Parallelism in Km.	Mutual Coupling in Ohms.	Effective Fault current in Amps.	I.V in Volts

North Central Railway: NCR/S&T/2074/telecom/PTCC(part-1)					Dated 02.02.2021
<b><u>Affected Blocks &amp; Telecom Circuits Details</u></b>					
1	Ugarpur to Nibkarori /	7.9	0.0447	8729	391
2	Nibkarori to Baba Laxmandas Puri Halt	Out of Parallelism			00



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