



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

\*\*\*\*\*

Case No. : UP-550:
PTCC proposal for LILO of 220 kV S/C Sambhal ( 220 kV) to Gajraula (220 kV) transmission line at 400 kV S/S Sambhal :48.616 km

Reference:		
S. No.	Reference No.	Dated
(i)	UPPTCL: 527/(ETD) Sambhal	10.03.2021
(ii)	BSNL: DET/PTCC/ND/DV-9733/UP-877/2021-22	13.05.2021
(iii)	Northern Railway: 342-SIG/1/PTCC/2020-21/07/04	10.07.2020
(iv)	Defense : B/46937/Sigs 7(b)/2073	04.09.2020

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 Northern Railway with respect to details furnished vide above reference (iii) has been computed. The voltages likely to be induced on Block & Telecom circuits of Northern Railway under Single Line to Ground fault condition are enclosed at Annexure. The screening factors, as applicable, have been considered. Vide ref. (iv) above, Defence Authority have issued No Objection Certificate (NOC).

Taking above into consideration, kindly take necessary action for PTCC route approval.

Encl.: As above.

Signature Not Verified  
Digitally signed by  
RAGHVENDRA PRATAP SINGH  
Date: 2021.06.24 16:03:43 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.	AESTE/UTS	Northern Railway, Headquarter Office, Baroda House, New Delhi-110001	With Annexure
3.	EE, Electricity Transmission Division	UPPTCL, Office of the Executive Engineer, Electricity Transmission Division, 220 KV Sub-station, Sirsi, Sambhal-244301.	Copy for information

191C

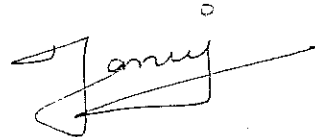
## ANNEXURE

Case No.: UP-550 Name of the Power line: LILO of 220 kV S/C Sambhal (220 kV) to Gajraula (220 kV) transmission line at 400 kV S/S Sambhal.		Map Scale : 1 cm=500 m Total Length : 48.616 km Soil Resistivity : 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

Northern Railway: 342-SIG/1/PTCC/2020-21/07/04

Dated : 10.07.2020

<u>Affected Blocks &amp; Telecom Circuits Details</u>					
(A)	<u>Chandausi-Aligarh section</u>				
1	Chandausi R/S to Bahjoi R/S	Out of Parallelism			00
2	Bahjoi R/S to Dhanari R/S	2.1	0.0031	9883	31
(B)	<u>Sambhal Hatim Sarai- Raja Ka Sahaspur section</u>				00

  
 तनुज/TANUJ  
 सहाय निदेशिका/Asst. Director  
 केन्द्रीय विद्युत प्राधिकरण/C.E.  
 विद्युत मंत्रालय/Ministry of Power  
 भारत सरकार/Govt. of India  
 नई दिल्ली/New Delhi-66