



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-543:

07.02.2021

PTCC proposal of LILO of 220 kV D/C Gonda (400 kV) - Bahraich transmission line at Balrampur S/S.

Reference:		
S. No.	Reference No.	Dated
(i)	UPPTCL : 3606/E.T.D./(GND)	23.10.2020
(ii)	BSNL: DET/PTCC/ND/DV-9798/UP-9160/2020-2021	19.02.2021
(iii)	North Eastern Railway: NER-HQ0SndT(TELE)/31/2020-O/O PCSTE/HQ/NER	21.01.2021
(iv)	Defense: B/46937/ Sigs 7(b)/2209	17.02.2021

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 Eastern 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 Eastern Railway under Single Line to Ground fault condition are enclosed 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
RAGHVENDRA PRATAP SINGH
Date: 2021.03.02 15:13:34 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.	Dy. CSTE/TELE/GKP	North Eastern Railway, Office of General Manager (S&T), Gorakhpur-273001	Annexure
3.	EE, Electricity Transmission Division	UPPTCL, 220 KV Sub-Station Campus, Jail Road, Gonda-271003	Copy for information

ANNEXURE

Case No.: UP-543 Name of the Power line: LILO of 220 kV D/C Gonda (400 kV) - Bahraich transmission line at Balrampur S/S.		Map Scale : 1 cm=500 m Total Length : 49.674 km Soil Resistivity : 20,000 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 Eastern Railway: NER-HQ0SndT(TELE)/31/2020-O/O PCSTE/HQ/NER dated 21.01.2021					
<u>Affected Blocks & Telecom Circuits Details</u>					
1	Bangai R/S to Bisheswarganj R/S	3.6	0.0004	8812	04
2	Bisheswarganj R/S to Payagpur R/S	1.3	0.0028	8997	25
3	Payagpur R/S to Chilwaria R/S	0.6	0.0001	9213	01


TANUJ
निदेशक-II / Asstt. Director-II,
केन्द्रीय विद्युत प्राधिकरण / C.E.A.,
भारत सरकार / Ministry of Power,
नई दिल्ली / New Delhi-66