



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-568
PTCC proposal of LILO of 220 kV Shahjahanpur – Nighasan line at 220 kV SS Gola (3.280 km)

Reference:		
S. No.	Reference No.	Dated
(i)	UPPTCL: 637/ETD (L)/220kV Spn-Ngn LILO@Gola	06.07.2021
(ii)	BSNL: DET/PTCC/ND/DV-9926/UP-976/2021-2022/	09.08.2021
(iii)	North Eastern Railway: NER-HQ0SndT(TELE)/31/2020-O/O PCSTE/HQ/NER	06.08.2021

The PTCC proposal submitted vide reference (i) has been examined. BSNL vide above reference (ii) has intimated that there are no BSNL lines (copper cable and armoured OFC) in the route of the proposed power line and has conveyed its NOC. The low frequency induction on block & telecom circuits of North Eastern Railway as per details furnished vide reference (iii) has been examined. Voltages likely to be induced on paralleling block & telecom circuits of North Eastern Railway under single line to ground fault condition are enclosed at Annexure-I. The screening factors as applicable have been considered.

Telecommunication details from Defense are pending and the power authority has shown urgency for the charging of the line. In view of this take necessary action regarding issuance of **Provisional PTCC approval for LILO of 220 kV Shahjahanpur – Nighasan line at 220 kV SS Gola.**

Encl.: As above.

Signature Not Verified
 Digitally signed by RAGHUVENDRA PRATAP SINGH
 Date: 2021.10.04 15:01:33 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.	
2.	Dy. CSTE/ Tele	North Eastern Railway, Office of the General Manager (S&T), Gorakhpur	
2.	Executive Engineer	UPPTCL, Electricity Transmission Division, 132 kV S/S (Chhauchh) Lakhimpur-Kheri, UP - 262701	Copy for information

ANNEXURE - I

Case No.: UP-568		Map Scale : 1 cm = 500 m.			
Name of the Power Line: LILO of 220 kV Shahjahanpur - Nighasan line at 220 kV SS Gola		Route Length : 3.280 km			
		Soil Resistivity : 15,000 Ohm-cm			
S.No.	Telecom Details	Length of Parallelism (in km)	Mutual Coupling (Ohms)	Fault Current (Amps)	Induced Voltage (Volts)

NORTH EASTERN RAILWAY					
Ref. No: NER-HQ0SndT(TELE)/31/2020-O/O PCSTE/HQ/NER dated 06.08.2021					
<u>Affected Blocks & Telecom Circuits Details</u>					
1	Golagokaran Nath Rly Station to Bankeyganj Rly Station	OUT OF PARALLELISM			0
2	Golagokaran Nath Rly Station to Phardhan Rly Station	0.4	0.0001	10000	1

Prateek

प्रवीण श्रीवास्तव/PRATEEK SHRIWASTAVA
 सहायक निदेशक-II/Asstt. Director-II
 केन्द्रीय विद्युत प्राधिकरण/C.E.A.
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 भारत सरकार/Govt. of India
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