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आजादी का
अमृत महोत्सव

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

CEA Case No. : UP-574 / 83-85
PTCC proposal of LILO of 220 kV Shahjahanpur – Sitapur line at 400 kV SS PGCIL Shahjahanpur: 3.712 km

Reference:		
S. No.	Reference No.	Dated
(i)	UPPTCL: 1110 ETD(S)	06.08.2021
(ii)	BSNL: DET/PTCC/ND/DV-9940/UP-985/2021-2022	17.01.2022
(iii)	Northern Railway: 342-SIG/1/PTCC/2021-22/08/07	25.08.2021

The PTCC proposal submitted vide reference (i) has been examined. BSNL vide above reference (ii) has conveyed its 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 paralleling 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.

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 – Sitapur line at 400 kV SS PGCIL Shahjahanpur.**

Encl.: As above.

Raghuendra Prasad Singh
2.2.22

Director

m/c

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.	AESTE/UTS	Northern Railway, Headquarter Office, Baroda House, New Delhi	
3.	Executive Engineer	UPPTCL, Electricity Transmission Division, 220 kV Substation, Powayan Road, Shahjahanpur - 242001	Copy for information

ANNEXURE

CEA Case No.: UP-574

Name of the Power line: LILO of 220 kV Shahjahanpur – Sitapur
line at 400 kV SS PGCIL Shahjahanpur

Map Scale : 1 cm=500 m

Total Length : 3.712 km

S.R. Value : 10,000 Ω -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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NORTHERN RAIWAY Ref. No: 342-SIG/1/PTCC/2021-22/08/07

Dated: 25.08.2021

Affected Blocks & Telecom Circuits Details

Rosa – Sitapur Section					
1	Rosa - Bartara	0.6	0.0001	10000	1
2	Bartara – Unchaulia	Out of Parallelism			0
3	Unchaulia - Jangbahadur				0
Rosa – Balamau Section					
1	Rosa – Pt. Ramprasad Bismil	Out of Parallelism			0
2	Pt. Ramprasad Bismil - Kahilia				0
Rosa – Bareilly Section					
1	Rosa - Shahjahanpur	1.2	0.0002	10000	2
2	Shahjahanpur - Banthara	Outside IV consideration zone			0

Prateek

प्रतीक श्रीवास्तव/PRATEEK SRIVASTAVA
सहायक निदेशक-II/Asstt. Director-II
केन्द्रीय विद्युत प्राधिकरण/C.E.A.
विद्युत मंत्रालय/Ministry of Power
भारत सरकार/Govt. of India
नई दिल्ली/New Delhi