



भारत सरकार

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.: HRA-232 / 348 - 350
PTCC proposal for LILO of both circuits of 220 kV FGPP to BBMB Samaypur transmission line at 220 kV S/S, Sec-58 HVPNL, Faridabad: (1.685 km)

Reference:		17-08-2021
S. No.	Reference No.	Dated
(i)	HVPNL: Ch-40/REC-208/TS-202/Vol.-IV	13.03.2020
(ii)	BSNL: DET/PTCC/ND/DV-9699/HR-852/2021-2022	13.07.2021
(iii)	Northern Railway: 342-SIG/1/PTCC/2019-20/03/03	17.03.2020
(iv)	HVPNL: Ch-249/TS-202/REC-208/Vol.-IV	20.07.2021

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 Northern Railway with respect to details furnished vide above references (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.

Telecommunication details from the Defense Authority are pending. Vide reference (iv) above, the power authority has shown urgency for the charging of the proposed power line. Taking above into consideration, necessary action regarding issuance of provisional PTCC route approval for LILO of both circuits of 220 kV FGPP to BBMB Samaypur transmission line at 220 kV S/S, Sec-58 HVPNL, Faridabad may be taken.

Encl.: As above.

Raghunanda Prasad G-85

Director 17.08.2021

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, Headquarters Office, Baroda House, New Delhi-110001.	With Annexure
3.	XEN TS Division	HVPNL; O/o Executive Engineer, Transmission Division, Quarter No 262/264, Thermal Colony, Sector-23, Faridabad.	Copy for information

M.C.

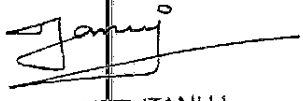
ANNEXURE

Case No.: HRA-232		Map Scale : 1 cm=500 m			
Name of the Power line: LILO of both circuits of 220 kV FGPP to BBMB Samaypur transmission line at 220 kV S/S, Sec-58 HVPNL, Faridabad.		Total Length : 1.685 km			
		Soil Resistivity : 10,000 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 letter no. :- 342-SIG/1/PTCC/2019-20/03/08 dated 17.03.2020

Affected Blocks & Telecom Circuits DetailsHazrat Nizamuddin- Palwal Section

1	Tughlakabad R/S to Faridabad R/S	Outside IV Consideration Zone		00	
2	Faridabad R/S to Faridabad Town R/S	Outside IV Consideration Zone		00	
3	Faridabad Town R/S to Ballabgarh R/S	Out of Parallelism		00	
4	Ballabgarh R/S to Piyala R/S	0.8	0.0014	9899	14
5	Piyala R/S to Asaoti R/S	Out of Parallelism		00	


 तनुज/TANUJ
 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-66