



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.: J&K-55
PTCC proposal for 220 kV D/C Jatwal – Samba (New) transmission line (5.697 km)

Reference:		
S. No.	Reference No.	Dated
(i)	PGCIL: N2SM/PTCC/2021/68	02.04.2021
(ii)	BSNL: DET/PTCC/ND/DV-9891/JK-231/2020-21	10.05.2021
(iii)	Northern Railway: 342-SIG/1/PTCC/2021-22/05/02	18.05.2021

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 Northern Railway as per details furnished vide reference (iii) has been examined. 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 220 kV D/C Jatwal – Samba (New) transmission line.**

Encl.: As above

Signature Not Verified  
Digitally signed by PRADEEP SINGH  
PRATAP SINGH  
Date: 2021.06.03 15:57:21 IST

To,

*mdc*

Director

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 - 110001	
2.	Senior DGM (RE/ST)	Powergrid Corporation of India Ltd, Narwal, Jammu (J&K)	Copy for information

ANNEXURE

Case No.: J&K-55 Name of the Power line: 220 kV D/C Jatwal – Samba (New) transmission line			Total Length : 5.697 Km. S.R. Value : 30,000 Ohms-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 Ref. No: 342-SIG/1/PTCC/2021-22/05/02 DATED: 18.05.2021					
<u>Affected Blocks &amp; Telcom Circuits Details</u>					
	Vijaypur Jammu R/S – Samba R/S	Out of parallelism			0
	Samba R/S – Ghagwal R/S	4.1	0.0072	7500	54
	Ghagwal R/S – Hira Nagar R/S	Out of parallelism			0
	Hira Nagar R/S – Chhan Arorian R/S	Outside IV consideration zone			0
	Chhan Arorian R/S – Budhi R/S				0

*Prateek*

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