



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.: MP-458	10.09.2021
PTCC proposal for LILO of 2 nd circuit of 220 kV DCDS Narsinghpur to Itarsi transmission line at 220 kV S/S Pipariya: 4.628 km	

Reference:		
S. No.	Reference No.	Dated
(i)	MPPTCL : 04-01/PTCC/2247/TR-I/12057	11.02.2019
(ii)	BSNL: IC/MBI/PTCC/MP-599	08.05.2019
(iii)	West Central Railway: WCR/N-HQ/120PTCC-T-50-III Caes-254	15.04.2019
(iv)	Defense: B/46937/Sigs 7(b)/1482	27.03.2019

The PTCC proposal submitted vide reference (i) has been examined. BSNL vide reference (ii) has intimated that there are no U/G BSNL cable in the route of the proposed power line. Hence, IV calculation for BSNL cables is not required. The LF induction on Block & Telecom circuits of West Central 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 West Central Railway under Single Line to Ground fault condition are enclosed at Annexure-I. The screening factors, as applicable, have been considered. The Defense Authority have accorded NOC vide above reference (iv) for this line. (a copy is enclosed at Annexure-II)

Taking above into consideration, necessary action regarding issuance of PTCC route approval may be taken.

Encl.: As above.

Signature Not Verified
Digitally signed by RAGHUVENDRA PRATAP SINGH
Date: 2021.09.10 17:53:23 IST

Director

To,

1.	Divisional Engineer (PTCC), Western Zone	BSNL; O/o DET (PTCC), QA & Inspection Circle, 3 rd Floor, D-Wing, BSNL Admin Building, Juhu Tara Road, Santacruz (West), Mumbai-400054.	Annexure-II only
2.	AESTE/Tele/HQ	West Central Railway; O/o GM (S&T), 1 st floor, Annex II Building, Jabalpur-482001.	Annexure-I only
3.	Chief Engineer (Planning & Design)	Madhya Pradesh Power Transmission Co. Ltd.; Block No. 3, Shakti Bhawan, Rampur, Jabalpur-482008.	Copy for information

ANNEXURE - I

Case No.: MP-458		Map Scale : 1 cm=500 m			
Name of the Power line: LILO of 2 nd circuit of 220 kV DCDS		Total Length : 4.628 km			
Narsinghpur to Itarsi transmission line at 220 kV S/S Pipariya.		S.R. Value : 5,000 ohm-cm			
S.No.	Telecom. Details	Length of Parallelism in Km.	Mutual Coupling in Ohms.	Effective Fault current in Amps.	I.V in Volts.

West Central Railway: WCR/N-HQ/120PTCC-T-50-III Caes-254 Dated: 15.04.2019

Affected Blocks & Telecom Circuits Details

1	Bankheddi to Pipariya	Out of parallelism			00
2	Pipariya to Sohagpur	2.6	0.0005	9899	05

Tanuj

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-56

Tele : 23019746

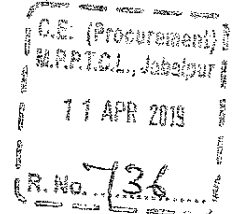
(Annexure-II)

Directorate General of Signals
Signals 7
General Staff Branch
Integrated HQ of MoD, (Army)
DHQ PO, New Delhi - 110011

B/46937/Sigs 7(b)/1482/

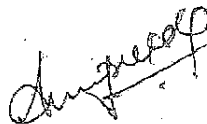
27 Mar 2019

Chief Engineer (Procurement)
Madhya Pradesh Power Transmission Co. Ltd.
Block No. 3, Shakti Bhawan, Rampur,
Jabalpur(M.P.)482008



**PTCC ROUTE APPROVAL FOR CONSTRUCTION OF LILO OF 2ND CIRCUIT OF 220KV DCDS
NARSINGHPUR-ITARSI LINE AT 220KV S/S PIPARIYA**

1. Ref your letter No 04-01/PTCC/2247/TR-I/12057 dt 11 Feb 2019. (copy att).
2. No Objection Certificate (NOC) is accorded based on inputs provided vide Map sheet received under your letter mentioned above.
3. Documents alongwith map sheets (in original) are returned herewith for your further necessary action.


(A Rawat)
Maj
GSO.1 (Comn)
for SO-in-C

Enclosures : As above

Copy to :-

The Director (PTCC), CEA
Power Communication Development Division
NRPC Complex, 18-A Shaheed Jeet Singh Marg
Katwaria Sarai, New Delhi - 110016

for information.