



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-430
PTCC proposal of LILO of both circuits of 220 kV Badnagar to Ratlam line at proposed 400 kV S/S Badnagar ;6.495 km

Reference:		
S. No.	Reference No.	Dated
(i)	MPPTCL : 04-01/PTCC/2328/TR-I/1986	23.02.2018
(ii)	BSNL: TM/PTCC/RA-1/MP-799	10.07.2018
(iii)	Western Railway:SG.158/28/10/L-187 (received on 21.01.2021)	28.11.2018
(iv)	Defense: B/46937/Sigs 7(b)/1044	05.04.2018

The PTCC proposal submitted vide reference (i) has been examined. The LF induction on telecom cables of BSNL with respect to details furnished vide above reference (ii) has been computed. The voltages likely to be induced on paralleling telecom cables of BSNL under Single Line to Ground fault condition are enclosed at Annexure-I. The screening factors, as applicable, have been considered. Western Railway vide reference (iii) has intimated that railway lines are out of the 8 km area of the proposed power line and given their consent for PTCC route approval for the proposed power line. The Defense Authority have accorded NOC vide above reference (iv) for this line. (a copy 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
RAGHVENDRA PRATAP SINGH
Date: 2021.07.14 10:28:03 IST

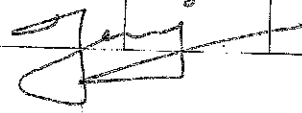
Director

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.	With Annexures
2.	Chief Engineer (Procurement)	Madhya Pradesh Power Transmission Co. Ltd.; Block No. 3, Shakti Bhawan, Rampur, Jabalpur-482008.	Copy for information

(Annexure - I)

MPPTCL Office Case No.:		Map Scale: 1:50,000			
PT (PTCC) Office Case No.: IC/MBI/PTCC/MP-538		Route Length: 6.495 Kms			
Railway Office Case No.:		Average SR Value: 15,000 Ohm cms			
Name of Power Line		LLO of both circuit of 220KV Badnagar-Ratlam DCDS line at proposed 400KV S/s Badnagar.			
S. No.	Name of Telecom Line/ Cable	Length of Parallelism in Kms.	Mutual Coupling in Ohms	Fault Current in Amps	Induce Voltage in Volts
	UJJAIN SSA				
	SDOT Barnagar				
(A)	Runija T/Exch				
(1)	Exch to Location (1) - 200 Pair				IV less than 430V
(2)	Exch to Location (2) - 100 Pair				
(3)	Exch to Location (3) - 50 Pair				


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

(Annexure-II)

MP-430

Tele : 23019746

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

B/46937/Sigs 7(b)/1044 /

05 Apr 2018

Chief Engineer (Procurement)
Madhya Pradesh Power Transmission Co. Ltd.
Block No 3, Shakti Bhawan,
Rampur, Jabalpur (MP) - 452008

**PTCC ROUTE APPROVAL FOR CONSTRUCTION OF LILO OF BOTH CIRCUIT
OF 220KV BADNAGAR - RATLAM DCDS LINE AT PROPOSED 400KV S/S
BADNAGAR**

1. Reference your letter No.04-01/PTCC/2328/TR-I/1986 dt 23 Feb 2018.
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.

(AV Umdekar)
Lt Col
GSO 1 (Comn)
for SO-in-C

Copy to :-

✓ The Director (PTCC), CEA
NREB Complex,
18-A, Shaheed Jeet Singh Marg,
Katwaria, Sarai, New Delhi - 110016

- For information.