

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

के.वि.प्रा. केस नं. : MP-463	1187-189
पी.टी.सी.सी. प्रस्ताव LILLO of 400 kV Khandwa - Rajgarh line at 400 kV S/S Chhgaon (MPPTCL) (3.679 km)	

क्रमांक	सन्दर्भ सं.	दिनांक
(i)	MPPTCL: 04-01/PTCC/2620/TR-V/3877	19.07.2019
(ii)	BSNL: PTCC/WR/2020-21/MP-630	03.03.2021
(iii)	Western Railway: SG.158/28/10 (L-213)	19.11.2019
(iv)	Defense: B/46937/ Sigs 7(b)/1755 received through MPPTCL email dated 20.12.2021	03.09.2019

संदर्भ (i) द्वारा प्रस्तुत पीटीसीसी प्रस्ताव की जांच की गई है। बीएसएनएल ने उपरोक्त संदर्भ (ii) के द्वारा NIL टेलिकॉम विवरण प्रदान किया है। पश्चिम रेलवे के ब्लॉक एवं टेलिकॉम सर्किटों पर निम्न आवृत्ति प्रेरण गणना उपरोक्त संदर्भ (iii) में दिए गए विवरणों के संबंध में की गई है। सिंगल लाइन टू ग्राउंड फाल्ट अवस्था में समानांतर पश्चिम रेलवे के ब्लॉक एवं टेलिकॉम सर्किटों पर प्रेरित वोल्टेज अनुलम्बक -1 में संलग्न है। स्क्रीनिंग कारक का मान यथानुरूप लिया गया है। रक्षा प्राधिकरण ने उपरोक्त संदर्भ (iv) के द्वारा अनापत्ति प्रमाण पत्र जारी किया है (अनुलम्बक -1 में संलग्न)।

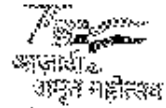
उपरोक्त को ध्यान में रखते हुए, पीटीसीसी मार्ग अनुमोदन जारी करने के संबंध में आवश्यक कार्रवाई की जाए।

संलग्न: उपरोक्त अनुसार

राज नं-3 अनापत्ति 20-2-2021
निदेशक

To,			
1.	Divisional Engineer (PTCC), Western Zone	BSNL: Inspection Circle, 3 rd Floor, D-Wing, BSNL Admin Building, Juhu Tara Road, Santacruz (West), Mumbai-400054.	
2.	GM (S&T)	Western Railway, Office of CSTE, S&T Dept., 5 th Floor, Station Building, Churchgate, Mumbai - 400020	Annex-1 only
3.	Chief Engineer (Pig. & Design)	MPPTCL, Block No. 3, Shakti Bhawan, Rampur, Jabalpur - 482008	Copy for information

MIC



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. : MP-463 / 187-189
PTCC proposal of LLD of 400 kV Khundwa - Rajgarh line at 400 kV S/S Chhegaon (MPPTCL) (1.679 km)

Reference:		
S. No.	Reference No.	Dated
(i)	MPPTCL: 04-01/PTCC/2620/TR-1/3877	19.07.2019
(ii)	BSNL: PTCC/WR/2020-21/MP-630	03.03.2021
(iii)	Western Railway: SG.158/28/10 (L-213)	19.11.2019
(iv)	Defence: B/46937/ Sigs 7(b)/1755 received through MPPTCL email dated 20.12.2021	03.09.2019

The PTCC proposal submitted vide reference (i) has been examined. Vide reference (ii), BSNL has forwarded NIL telecom details. The LF induction on block & telecom circuits of Western 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 Western Railway under Single Line to Ground fault condition are enclosed at Annexure-I. The screening factors, as applicable, have been considered. Vide reference (iv) above, the Defence Authority have issued No Objection Certificate (NOC). (a copy enclosed as Annex-II).

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

Encl.: As above.

Rajendra Prasad Singh
Director

To,

1.	Divisional Engineer (PTCC), Western Zone	BSNL, Inspection Circle, 3 rd Floor, D-Wing, BSNL Admin Building, Juhu Tara Road, Santacruz (West), Mumbai-400054.	
2.	GM (S&T)	Western Railway, Office of CSTE, S&T Dept., 5 th Floor, Station Building, Churchgate, Mumbai - 400020	Annex-I only
3.	Chief Engineer (Plg. & Design)	MPPTCL, Block No. 3, Shakti Bhawan, Rampur, Jabalpur - 482008	Copy for information

ANNEXURE - 1

CEA Case No.: MP-463		Map Scale : 1 cm=500 m			
Name of the Power line: LILO of 400 kV Khandwa - Rajgarh line at 400 kV S/S Chhegaon (MPPTCL)		Total Length : 1.679		S.R. Value : 1,00,000 Ω -cm	
S.No.	Telecom. Details	Length of Parallelism in Km.	Mutual Coupling in Ohms.	Effective Fault current in Araps.	LV in Volts.

WESTERN RAILWAY Ref No: SG.158/28/10 (L-213) Dated: 19.11.2019					
<u>Affected Blocks & Telecom Circuits Details</u>					
1	Artar - Ajanti	0.1	0.0002	15000	3

Provided

1. The details of the power line and telecom line are as given in the above table.
 2. The details of the power line and telecom line are as given in the above table.
 3. The details of the power line and telecom line are as given in the above table.
 4. The details of the power line and telecom line are as given in the above table.
 5. The details of the power line and telecom line are as given in the above table.

Tele. 23018745

Approved - T1
Directorate General of Signals
Signals 7
General Staff Branch
Integrated HQ of Mod. (Army)
DHQ PO, New Delhi - 110011

13 Sep 2019

B/40937/Sigs 7 (ay/1766)

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

CONSTRUCTION OF LILO OF 400KV KHANDWA-RAJGARH LINE AT 400KV SUBSTATION
CHIREGAON (MPPTCL), PTCC ROUTE APPROVAL

1. Ref your letter No 04 01/PTCC/2620/18-1/38/77 dt 19 Jul 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.

C.E. (Procurement)
M.P.P.T.C.L., Jabalpur
24 SEP 2019
R. No. 9996

Amey Rawat
(A Rawat)
Maj
GSO 1 (Comm)
for SO-in-C

Enclosures As above

Copy to

The Director (PTCC), O/A
Power Communication Development Division
NREDC Complex, 18-A Shaheed Jeeb Singh Marg
Kalyans Seral, New Delhi - 110016

Divyendu, Engineer Telegraph (PTCC)
O/c GM (North), BSNL, QA & Inspection Circle,
C/S Compound, Africa Avenue Road,
Noida, Nagar, New Delhi-110023

for information

SE-1	SE-II	SE-III
EE (TS-4)	EE (TK-4)	EE (TR-4)
EE (TS-3)	EE (TK-3)	EE (TR-3)
EE (TS-2)	EE (TK-2)	EE (TR-2)
EE (TS-1)	EE (TK-1)	EE (TR-1)
EE (MA)	EE (TK-V)	S.O./SCL