



राज्य
स्वायत्ती
संयुक्त मंडल

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 सं. : MP-471 / 190-91
पी.टी.सी.सी. प्रस्ताव 220 kV BCDS line from 220 kV S/S Rajgarh to proposed 220 kV S/S Nalkheda (62.921 km)

सन्दर्भ:		
क्रमांक	सन्दर्भ सं.	दिनांक
(i)	MPPTCL: 04-01/PTCC/2490/TR-I/11144	17.02.2020
(ii)	BSNL: PTCC/WR/2020-21/MP-669	16.09.2021
(iii)	West Central Railway: WCR-N-HQ-120-PTCC-CORR-T-50 Pt-III Case 291 received through MPPTCL email dated 20.12.2021	22.04.2020
(iv)	Defence: B/46937/ Sigs 7(b)/2008	01.07.2020

संदर्भ (i) द्वारा प्रस्तुत पीटीसीसी प्रस्ताव की जांच की गई बीएसएनएल के टेलिकॉम केबलों पर निम्न आवृत्ति प्रेरण गणना उपरोक्त संदर्भ (ii) में दिए गए विवरणों के संबंध में की गई है। सिंगल लाइन टू ग्राउंड फाल्ट अवस्था में समानांतर बीएसएनएल के टेलिकॉम केबलों पर प्रेरित वोल्टेज अनुलग्नक -I में संलग्न है। स्क्रीनिंग कारक का मान यथानुरूप लिखा गया है। पश्चिम मध्य रेल ने उपरोक्त संदर्भ (iii) के द्वारा अनापत्ति प्रमाण पत्र जारी किया है। रक्षा प्राधिकरण ने उपरोक्त संदर्भ (iv) के द्वारा अनापत्ति प्रमाण पत्र जारी किया है। (अनुलग्नक-II में संलग्न)।

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

संतोष: ऊपरोक्त अनुसार

Rajiv Kumar Prasad Singh
22-2-2022
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.	Chief Engineer (P/g. & Design)	MPPTCL, Block No. 3, Shakti Bhawan, Ramguri, Jabalpur - 482008
		Copy for information

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Power Communication Development Division

CEA Case No. : MP-471
PTCC proposal of 220 kV DCDS line from 220 kV S/S Rajgarh to proposed 220 kV S/S Nalkhanz (62.821 km)

Reference:		
S. No.	Reference No.	Dated
(i)	MPPTCL: 04-01/PTCC/2490/TR-7/1144	17.02.2020
(ii)	BSNL: PTCC/WR/2020-21/MP-659	16.09.2021
(iii)	West Central Railway: WCR-N-HQ-120-PTCC-CORR-T-50 Pr III Case 291 received through MPPTCL email dated 20.12.2021	22.04.2020
(iv)	Defense: B/46937/ Sigs 7(b)/2008	01.07.2020

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. Vide reference (iii) above, West Central Railway have issued No Objection Certificate (NOC). 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.

[Signature]
Director 22.2.2022

To,

1.	Divisional Engineer (PTCC), Western Zone	BSNL Inspection Circle, 3 rd Floor, D-Wing, BSNL Admita Building, Juhu Tara Road, Santacruz (West), Mumbai-400054.	
2.	Chief Engineer (Plg. & Design)	MPPTCL, Block No. 3, Shakti Bhawan, Rampur, Jabalpur - 482008	Copy for information

ANNEXURE - I

CEA Case No.: MP-471
 Name of the Power line: 220 kV LXTDS line from 220 kV S/S
 Rajgarh to proposed 220 kV S/S Nalkheda

Map Scale : 1 cm=500 m
 Total Length : 62.021
 S.R. Value : 10,000 Ω-cm

Detail of BSMR. D/G Cables (Including Arsenical OFC/Excluding OFC)

S. No.	Name of Telecom Line/ Cable	No. of Pair
	BSM - Shekhar	
①	Exchange name - Nalkheda	
②	B. 3-1 - 1500 m	80x1
③	B. 3-2 - 700 m	40x1
④	B. 3-3 - 2500 m	20x2
⑤	B. 3-4 - 2000 m	10x4
⑥	B. 3-5 - 4000 m	50x3
⑦	B. 3-6 - 2000 m	20x1

IV less than 430V

Prakash
 Project Engineer
 Rajgarh Substation
 Rajgarh, Dist. Nalkheda
 State of Gujarat

Tele : 23019746

MO-47 1

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

Annex-11

R/48937/Sigs 7(b)/2008/

3/ Jul 2020

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 220KV DCDS LINE FROM 220KV S/S
RAJGARI TO PROPOSED 220KV S/S NALKHEDA**

1. Ref. your letter No 04-01/PTCC/2490/TR-I/11144 dt 17 Feb 2020. (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.

[Signature]
A Rawat,
Maj
GSO 1 (Comd)
for SO-in-C

Enclosures : As above

Copy to :-

The Director (PTCC), CFA
Power Communication Development Division
NRPC Complex, 18-A Shaheed Jeeb Singh Marg
Kasturba Sarai, New Delhi - 110016

for information

Divisional Engineer Telegraph (PTCC)
O/o GM (North), BSNL, QA & Inspection Circle,
CTS Compound, Africa Avenue Road,
Netaji Nagar, New Delhi-110023

[Signature]
RPSA 13/08/2020

[Signature]
13/08/20