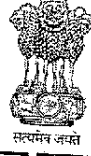


File No.CEA-PS-17-11(12)/34/2022-PCD Division



Azadi Ka
Amrit Mahotsav

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.: MRA-1175: / 298-299
PTCC proposal of 220 kV D/C transmission line from 400 kV Thaptitanda to
proposed 220 kV S/S Georai S/S: 54.831 km

Reference:		
S. No.	Reference No.	Dated
(i)	MSETCL: MSETCL/CO/PS/PTCC/220 kV/B-574/929	10.02.2021
(ii)	BSNL: IC/MBI/PTCC/MRA-2481/04	30.03.2022
(iii)	South Central Railway: SG.85/4/3/PTCC/SCRMH202101 RC	19.02.2021
(iv)	Defense: B/46937/Sigs 7(b)/2347	05.10.2021

The PTCC proposal submitted vide reference (i) has been examined. The low frequency 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. South Central Railway vide reference (iii) has intimated that no railway line exists within 8 km of the proposed power line. Hence, IV Calculations are not required for South Central Railway. Vide above reference (iv), Defence Authority have issued No Objection Certificate (NOC) (a copy enclosed as Annexure-II).

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

Encl.: As above.

राधकेश प्रताप सिंह
22.04.22
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.	SE (Projects Schemes)	MSETCL; Projects Schemes Department, "Prakashganga"; Plot No. C-19, E Block, Bandra-Kurla Complex, Bandra (East), Mumbai-400051.	Copy for information

99/C



आज़ादी का
अमृत महोत्सव

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.: MRA-1175:
पी.टी.सी.सी. प्रस्ताव 220 kV D/C transmission line from 400 kV Thaptitanda to proposed 220 kV S/S Georai S/S: 54.831 km

सन्दर्भ:		
क्रमांक	सन्दर्भ सं.	दिनांक
(i)	MSETCL: MSETCL/CO/PS/PTCC/220 kV/B-574/929	10.02.2021
(ii)	BSNL: IC/MBI/PTCC/MRA-2481/04	30.03.2022
(iii)	South Central Railway: SG.85/4/3/PTCC/SCRMH202101 RC	19.02.2021
(iv)	Defense: B/46937/Sigs 7(b)/2347	05.10.2021

संदर्भ (i) द्वारा प्रस्तुत पीटीसीसी प्रस्ताव की जांच की गई है। बी.एस.एन.एल. के टेलिकॉम केबलों पर निम्न आवृत्ति प्रेरण गणना उपरोक्त संदर्भ (ii) में दिए गए विवरण के संबंध में की गई है। सिंगल लाइन टू ग्राउंड फॉल्ट की स्थिति के तहत बी.एस.एन.एल. के समानांतर दूरसंचार केबलों पर प्रेरित होने की संभावना वाले वोल्टेज अनुलग्नक-I में संलग्न हैं। स्क्रीनिंग कारक का मान यथानुरूप लिया गया है। दक्षिण मध्य रेलवे ने संदर्भ (iii) द्वारा सूचित किया है कि प्रस्तावित विद्युत लाइन के 8 किमी के भीतर कोई रेलवे लाइन मौजूद नहीं है। इसलिए, दक्षिण मध्य रेलवे के लिए IV गणनाओं की आवश्यकता नहीं है। उपरोक्त संदर्भ (iv) द्वारा, रक्षा प्राधिकरण ने अनापत्ति प्रमाण पत्र (एन.ओ.सी.) जारी किया है। (एक प्रति अनुलग्नक-II के रूप में संलग्न है)

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

संलग्न: उपरोक्त अनुसार

मध्य क्षेत्र प्र.प्रा. वि.प्रा.
निदेशक 22.04.22

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.	SE (Projects Schemes)	MSETCL; Projects Schemes Department, "Prakashganga", Plot No. C-19, E Block, Bandra-Kurla Complex, Bandra (East), Mumbai-400051.	जानकारी हेतु

(Ammeasure-II)

Tele : 23019746

MRA-1175
Directorate General of Signals
Signals 7
General Staff Branch
Integrated HQ of MoD (Army)
DHQ PO, New Delhi - 110011


B/46937/Sigs 7(b)/2347/

05 Oct 2021

Office of the Superintending Engineer,
Projects Schemes Department
Maharashtra State Electricity Transmission Company Ltd
'Prakashganga', Plot No C-19, 'E' Block,
Bandra - Kurla Complex, Bandra (East),
Mumbai-400051

PTCC PROPOSAL FOR 220KV DC LINE FROM 400KV THAPTITANDA TO
PROPOSED 220KV GEORAI S/S, LENGTH=54.831 KMS

1. Refer your letter No MSETCL/CO/PS/PTCC/220KV/B-574/No 00929 dt 10 Feb 2021 (copy att).
2. No Objection Certificate (NOC) is accorded based on inputs provided as per Map sheets received under your letter mentioned above.
3. Documents alongwith map sheets (in original) are forwarded herewith for your further action.


(A Rawat)
Lt Col
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

The DET (PTCC), Northern Zone
O/o PGM (North), QA & Inspection Circle,
D-7 Tax Building, Eastern Court, Janpath
New Delhi-110001

942
26/10/21