



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-1173
PTCC proposal 400 kV MC line, LILO on both ckts of 400 kV Lonikand (II) - Girawali DC line to proposed 400 kV Karjat S/S Dist. Ahmednagar; 5.799 km
dt. 22.12.2021

Reference:		
S. No.	Reference No.	Dated
(i)	MSETCL: MSETCL/CO/PS/PTCC/220kV/LD/A-167/No.00027	01.01.2021
(ii)	BSNL: IC/MBI/PTCC/MRA-2426,2477,2479	29.11.2021
(iii)	Central Railway: N.153/PTCC/400kV/MAH-767	14.01.2021
(iv)	Defense: B/46937/Sigs 7(b)/2293	22.02.2021

The PTCC proposal submitted vide reference (i) has been examined. The LF induction on telecom lines of BSNL with respect to details furnished vide above reference (ii) has been computed. The voltages likely to be induced on paralleling telecom lines 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), Central Railway has issued NOC for the proposed power line. The Defense Authority have accorded NOC vide above reference (iv) for the proposed power line (a copy enclosed as Annexure-II).

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

Encl.: As above.

Rajendra Pratap Singh

Director

m/e

To,		
1.	Divisional Engineer (PTCC), Western Zone	Bharat Sanchar Nigam Limited (BSNL), 1 st Floor, D-Wing, BSNL Admin Building, Juhu Tara Road, Santacruz (West), Mumbai-400054
2.	Superintending Engineer (Projects Schemes)	MSETCL, Prakashganga, Plot No. C-19, E Block, BKC, Bandra (East), Mumbai - 400051
		Copy for information

(3)

Annex-1

Page No/2/2

CEA office case No. MRA-1173 Map scale - 1:50000

DET(PTCC) office case No- _____ Route length- 5.799 km

Railway office case no. _____ Soil resistivity- 10000 Ω -cm

Name of the power line 400 KV Line [Lonikandhli - Girawadi Line]

Sr. No.	Name of the Telecom line / cable	Length of Parallelism in Kms.	Mutual Coupling in Ohms	Fault Current in Amps	Induced Voltage in Volts
1	A to c Bhambora	Cu cable	} EV less than 430V		
2	C to D ST School	Cu cable			
3	C to F Stand to Badgaon	Cu cable			
4	Y to Z Hinggaon	Cu cable			
6	X to W Adalgaon	Cu 200 Pr.			
7					
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14					
15					
16					

Prateek

प्रतीक श्रीवास्तव PRATEEK SHRIWASTAVA
 सहायक निरीक्षक / Asst. Inspectors
 क्षेत्रीय विद्युत प्राधिकरण / C.E.A.
 विद्युत विभाग / Ministry of Power
 भारत सरकार / Govt. of India
 नई दिल्ली / New Delhi

Tele : 23019746

Annex-II

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


22 Feb 2021

B/46937/Sigs 7(b)/2293/

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

**PTCC PROPOSAL FOR 400KV MC LINE, LILO ON BOTH CKTS OF 400KV
LONIKAND (II)-GIRAWALI DC LINE TO PROPOSED 400KV KARJAT S/S,
DIST. AHMEDNAGAR, LENGTH=5.799KMS**

1. Refer your letter No MSETCL/CO/PS/PTCC/220KV/LD/A-167/No 00027 dt 01 Jan 2021 (copy att).
2. No Objection Certificate (NOC) is accorded based on inputs provided vide Map sheets received under your letter mentioned above.
3. Documents alongwith map sheets (in original) are forwarded herewith for your further action.


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

Enclosures : As above

Copy to :-

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

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

for information