



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-1146
PTCC proposal for LILO of one circuit of 220 kV D/C Parli to Harangul transmission line at 400 kV Parli (PG) S/S: 12.631 km

Reference:		
S. No.	Reference No.	Dated
(i)	MSETCL: MSETCL/CO/PS/S-I/PTCC/B-558/No.12537	01.12.2018
(ii)	BSNL: IC/MBI/PTCC/MRA-2399	13.08.2021
(iii)	South Central Railway: SG.85/4/3/PTCC/SCRMH201903 RTD	28.05.2019
(iv)	Defense: B/46937/Sigs 7(b)/1379	11.02.2019

The PTCC proposal submitted vide reference (i) has been examined. BSNL vide reference (ii) intimated that no U/G and O/H cable lies near the proposed power line. Hence, IV calculation on BSNL telecom line is not required. The LF induction on Block & Telecom circuits of South Central 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 South Central Railway under Single Line to Ground fault condition are enclosed at Annexure-I. The screening factors, as applicable, have been considered. The Defense Authority have accorded NOC vide above reference (iv) for the proposed power 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
RAGHENDRA PRATAP SINGH
Date: 2021.10.14 11:57:01 IST

Director

m/c

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.	Annexure-II only
2.	SSTE/TELE/HQ	South Central Railway; Head Quarters office, Signal & Telecomm Branch, Rail Nilayam, Secunderabad-500025.	Annexure-I only
3.	Chief Engineer (Projects Schemes)	MSETCL; O/o Chief Engineer, Projects Schemes Department, "Prakashganga", Plot No. C-19, E Block, Bandra-Kurla Complex, Bandra (East), Mumbai-400051.	Copy for information

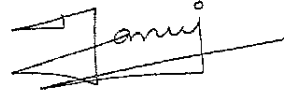
ANNEXURE-I

CEA Case No.: MRA - 1146 Name of the Power line: LILO of one circuit of 220 kV D/C Parli to Harangul transmission line at 400 kV Parli (PG) S/S.		Map Scale : 1 cm=500 m Total Length : 12.631 km S.R. Value : 1,00,000 ohm-cm			
S.No.	Telecom. Details	Length of Parallelism in Km.	Mutual Coupling in Ohms.	Effective Fault current in Amps.	I.V in Volts.

South Central Railway Ref. No: SG.85/4/3/PTCC/SCRMH201903 RTD Dated: 28.05.2019

Affected Blocks & Telecom Circuits Details

1	Pangaon(PNF) to Ghatnandur(GTU)	Out of Parallelism	00
2	Ghatnandur(GTU) to Parli Vajjnath(PRLI)	Out of Parallelism	00



तनुज/TANUJ
 सहायक निदेशक-II/Asstt. Director-II
 विभाग विद्युत प्राधिकरण/Dt.
 विद्युत विभाग/Ministry of Power
 भारत सरकार/Govt. of India
 नई दिल्ली/New Delhi-56

Tele : 23019746

(Annexure - II)
MRF-1146

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

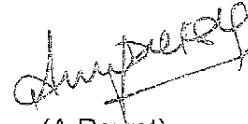
B/46937/Sigs 7(b)/1379/

11 Feb 2019

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

**PTCC PROPOSAL FOR 220KV MC LINE, LILO ON ONE CKT OF 220KV PARLI-HIRANGUL
DC LINE AT 400KV PARLI (PG) S/S, LENGTH=12.631KMS**

1. Ref your letter No MSETCL/CO/PS/S-I/PTCC/B-558/No. 12537 dt 01 Dec 2018 (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 (Comm)
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.

19