



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-1161
PTCC proposal for 2nd circuit stringing of 220 kV D/C Jamde to Valve transmission line : 13.31 km

Reference:		
S. No.	Reference No.	Dated
(i)	MSETCL: MSETCL/CO/PS/S-1/PTCC/B-569/06884	17.09.2019
(ii)	BSNL: IC/MB/PTCC/MRA-2441	13.08.2021
(iii)	Western Railway: SG. 158/28/9/309	11.09.2020
(iv)	Defense: B/46937/Sigs 7(b)/1843	15.11.2019

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. Western Railway vide reference (iii), has intimated that railway lines are out of 8 km area and given their consent for the PTCC route approval of 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.

Signature Not Verified
Digitally signed by PRATAP SINGH
PRATAP SINGH
Date: 2021.10.14 11:22:55 IST

Director

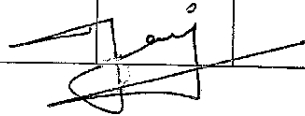
To,

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.	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 office case No.	MRA-1161
DET(PTCC) office case No-	Route length- 13.31km
Railway office case no.	Soil resistivity- 3,000 Ω cm
Name of the power line	220KV DC line at Jamde-Valve 13.31km

Sr. No.	Name of the Telecom line / cable	Length in Kms. (Distance from Proposed DC Line)	Mutual Coupling in Ohms	Fault Current in Amps	Induced Voltage in Volts
1	Chhadwel T.E. to Central bank (10 Pair)	1 Km	} IV less than	430V	
2	Brahmanwel T.E. to Post Office (10 Pair)	7 km			
3	Nizampur T.E. to Jaitane (1200 Pair)	10 Km			



तनुज/TANUJ
सहायक निदेशक-II/Asstt. Director-II
केन्द्रिय विद्युत प्राधिकरण/C.E.A.
विद्युत मंत्रालय/Ministry of Power
भारत सरकार/Govt. of India
नई दिल्ली/New Delhi-56

तनुज/TANUJ
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नई दिल्ली/New Delhi-56

Tele : 23019746

Annexure-II

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

B/46937/Sigs 7(b)/1843/


15 Nov 2019

MRA-1161

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 JAMDE-VALVE DC LINK LINE, LENGTH=13.31KMS

1. Ref your letter No MSETCL/CO/PS/S-I/PTCC/B-569/No 06884 dt 17 Sep 2019 (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 (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

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

for information

at 2019