



भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
पावर कम्युनिकेशन डवलपमेंट प्रभाग
Power Communication Development Division

No. CEA/PCD/PTCC/ORS-212/328-30

Date: 19/03/2019

Divisional Engineer Telecom (PTCC),
QA & Inspection (T&D) circle, BSNL,
Q.A. Bhavan, EP-GP Block,
Sector-V, Salt Lake, Kolkatta-700 091

Subject: PTCC Route Approval for 220kV DC LILO line from Circuit-II (Loc. No. 193) of 220kV Meramundali - Bhanjanagar D/C T/Lat Narasinghpur

Reference:

- i) BSNL letter no. DE/PTCC/ER/EOR 260720171763 dated 7/11/17
- ii) Defense letter no. B/46937/Sig 7(b)/623 dated 10/10/17

Sir,

The low frequency induction on BSNL telecom circuits as per details furnished vide above cited reference (i) has been examined. From topo map it was observed that there is no Railway circuits within 8km boundary of the power line. The average soil resistivity value has been taken as 50000 Ohms-cm, as per data submitted by Power Authority. Voltages likely to be induced on paralleling BSNL telecommunication circuits under SLG (Single Line to Ground) fault condition are enclosed at Annex-I. The screening factors as applicable have been considered. Vide ref. (ii) above, Defense Authority have issued No Objection Certificate (NOC), a copy is enclosed at Annex-II.

Taking above into consideration, kindly issue PTCC Route Approval.

Encl: As above

Yours faithfully,

Naresh Bhandari 19/3

(Naresh Bhandari)
Chief Engineer

Copy to:

- (i) CSTE, East Coast Railway, East Coast Railway Sadan, Samanta Vihar, Bhubaneswar – 751017
- (ii) Sr. GM (Construction Zone-I), OPTCL, Technical Building (Ground & 1st Floor), Bhoi Nagar, Bhubaneswar – 751 022 (ODISHA)

n/c

ANNEX-II Odisha

Tele : 23019746

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


B/46937/Sigs 7(b)/623/

10 Oct 2017

Sr. General Manager (Construction) Zone 1
Odisha Power Transmission Corporation Ltd
Technical Building Bhoi Nagar,
Bhubaneshar – 22

**APPROVAL OF PTCC FOR THE PROPOSED 220KV LILO LINE FROM CKT-II
(LOC NO. 193) OF 220 KV MERAMUNDALI – BHANJANAGAR D/C LINE TO
220/33KV GRID SUB-STATION AT NARSINGHPUR**

1. Reference your letter No Sr. G.M(Const) Zone-I/PTCC/2017-18/220kv LILO Narsinghpur/2857(12) dated 01 Aug 2017.
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 returned herewith for your further necessary action.


(AV Umdekar)
Lt Col
GSO 1 (Comn)
for SO-in-C

Copy to :-

✓ Chief Engineer, (PTCC), CEA,
NRPC Complex
18-A, Shaheed Jeet Singh Marg,
Katawaria Sarai, New Delhi - 110016

: for info and necessary action.