



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/BHR-138/223-235

Date:21.02.2019

DET (PTCC), Eastern Region,
Inspection & QA Circle, BSNL
Q.A. Bhawan, EP-GP Block, Sector-V,
Salt Lake, Kolkata – 700091

Subject: PTCC Route Approval for Shifting of 400kV D/C Kahalgaon-Banka Transmission Line at Kahalgaon end. (from Stage-I to stage-II side at NTPC switchyard Kahalgaon under Bus Split Scheme)

Ref: (i) BSNL letter no. DE/PTCC/ER/BHR-100288 dated 28.07.2018
(ii) Eastern Railway letter no. SG.241/1/PTCC/233 dated 13.04.2016
(iii) Defense letter no. B/46937/Signs 7(b)/1250 dated 20.11.2018

Sir,

The instant PTCC proposal has been examined. The low frequency induction on Block and Telecom Circuits of Eastern Railway; with respect to details furnished vide above references has been computed. The average Soil Resistivity (SR) value has been taken as 5,000 Ohm-cm, as intimated by the Power Authority (PGCIL). The voltages likely to be induced on paralleling Block and Telecom Circuits of Eastern Railway under single line to ground fault condition have been computed and are enclosed as Annex – I. The screening factors, as applicable, have been considered. BSNL vide ref (i) above have issued NOC for the same. Vide ref (iii) above, Defense Authority have issued No Objection Certificate (NOC) (enclosed as Annex II). Taking above into consideration, kindly issue PTCC route approval.

Encl.: As above


(Naresh Bhandari)
Chief Engineer

Copy to:

- (i) Dy. CSTE/Tele/HQ, Eastern Railway, N S Road, B. B. D Bagh, Kolkata -700001 (Annex – I only)
(ii) DGM (Engg), PGCIL ER-I HQ, Alankar Place, Boring Road, Patna - 800001

m/c

3HR-138

Tele : 23019746

ANNEX-II

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

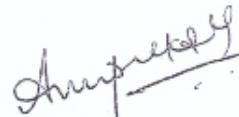
B/46937/Sigs 7(b)/1250

20 Nov 2018

DGM(Engg)
Power Grid Corporation of India Ltd
Vidyut Board Colony, Shastri Nagar,
Patna-800023 (Bihar)

**PROPOSAL FOR PTCC APPROVAL FOR CONSTRUCTION OF TRANSMISSION
LINE TOWARDS SHIFTING OF 400KV D/C KAHALGAON-BANKA TRANSMISSION
LINE FROM STAGE-I SIDE TO STAGE-II SIDE AT NTPC SWITCHYARD UNDER BUS
SPLIT SCHEME**

1. Ref your letter No. ER-I/PT/ENGG/PTCC/KHG-BANKA/3034 dt 10 Aug 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 (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.