



सत्यमेव जयते

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/WB-135/68-70

Date: 27.01.2020

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

**Subject:** PTCC Route Approval for 400 kV D/C Baharampur (India) – Bheramara (Bangladesh) Transmission line - II

**Reference:** (i) BSNL letter no. DE/PTCC/ EWB100920182196/03 dated 24.01.2020  
(ii) Eastern Railway no.SG.241/1/PTCC/259 dated 12.06.19  
(iii) Defense letter no. B/46937/Sigs 7(b)/1279 dated 20.11.18

The PTCC proposal has been examined. BSNL vide above reference (i) has issued NOC. The low frequency induction on Block & Telecom circuits of Eastern Railway with respect to details furnished vide above references have been computed. The Soil Resistivity (SR) value has been taken as 5000 Ohm-cm. The voltages likely to be induced on paralleling Block & Telecom circuits of Eastern Railway under Single Line to Ground fault condition are enclosed at Annex-I. The screening factors, as applicable, have been considered. Vide ref. (iii) above, Defence Authority have issued No Objection Certificate (NOC) (a copy enclosed as Annex-II).

Taking above into consideration, kindly take necessary action for PTCC route approval

**Encl.:** As above

*Upendra Kumar*  
27.01.2020

**Upendra Kumar**  
Chief Engineer

Copy to:

- 1) CSTE, Eastern Railway, N.S. Road, B.B.D. Bagh, Kolkata, West Bengal – 700001 (Only Annex-I)
- 2) General Manager, PGCIL, ER-II, Beherampur, 400 kV Berhampore Switching Station, Dakshongram, Palsonda More, Murshidabad - 742238

MIC



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)/1279/

20 Nov 2018

~~DGM~~  
PowerGrid Corporation of India Limited  
400kV Berhampore Switching Station, ER-II  
Beside Aquimina Water Factory  
Vill-Dakshingram, PO-Palsond More,  
Distt- Murshidabad (West Bengal)-742238

**PTCC PROPOSAL FOR 400KV D/C (TWIN MOOSE) BERHAMPORE (INDIA)-  
BHERAMARA (BANGLADESH) TRANSMISSION LINE (II)**

1. Ref your PTCC proposal dt 18 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 returned herewith for your further necessary 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  
Kotla Sahib, New Delhi - 110002

for information.