



भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
विद्युत संचार विकास प्रभाग
Power Communication Development Division

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| CEA Case No.: UP-552 / 505-507 |
| PTCC proposal of 220 kV D/C Gorakhpur (PG) – Maharajganj transmission line (83.376 km) |

| Reference: | | Dated |
|------------|---|------------|
| S. No. | Reference No. | |
| (i) | UPPTCL: 201/ETD-II(G)/ | 22.01.2021 |
| (ii) | BSNL: DET/PTCC/ND/DV-9946/UP-989/2021-2022 | 06.09.2021 |
| (iii) | North Eastern Railway: NER-HQ0SndT(TELE)/31/2020-O/O PCSTE/HQ/NER | 25.02.2021 |
| (iv) | Defense: B/46937/Sigs 7(b)/2336 | 13.04.2021 |

The PTCC proposal submitted vide reference (i) has been examined. BSNL vide above reference (ii) has intimated that there are no BSNL lines (copper cable and armoured OFC) in the route of the proposed power line and has conveyed its NOC. The low frequency induction on block & telecom circuits of North Eastern Railway as per details furnished vide reference (iii) has been examined. Voltages likely to be induced on paralleling block & telecom circuits of North Eastern Railway under single line to ground fault condition are enclosed at Annexure-I. The screening factors as applicable have been considered. Vide ref. (iv) above, Defense have conveyed No Objection Certificate (a copy enclosed as Annexure-II).

Taking above into consideration, take necessary action for issuance of PTCC route approval.

Encl.: As above.

Signature Not Verified

Digitally signed by RAGHUPENDRA PRATAP SINGH
Date: 2021.10.25 13:27:53 IST

Director

m/c

To,

| | | | |
|----|---|---|----------------------|
| 1. | Divisional Engineer (PTCC), Northern Zone | BSNL O/o PGM (N), QA & Inspection Circle, D-Tax Building, Eastern Court, Janpath, New Delhi 110001. | |
| 2. | Dy. CSTE/ Tele | North Eastern Railway, Office of the General Manager (S&T), Gorakhpur | Only Annexure -I |
| 3. | Executive Engineer | UPPTCL, Electricity Transmission Division-II, Balli Plant, Mohaddipur, Gorakhpur | Copy for information |

ANNEXURE - I

| CEA Case No.: UP-552 Name of the Power Line: 220 kV D/C Gorakhpur (PG) – Maharajganj transmission line | | Map Scale : 1 cm = 500 m. Route Length : 83.376 km Soil Resistivity : 20,000 Ohm-cm | | | |
|---|-----------------|---|------------------------|----------------------|-------------------------|
| S.No. | Telecom Details | Length of Parallelism (in km) | Mutual Coupling (Ohms) | Fault Current (Amps) | Induced Voltage (Volts) |

| | | | | | |
|--|---|-----|--------|------|----|
| NORTH EASTERN RAILWAY Ref. No: NER-HQ0SndT(TELE)/31/2020-O/O PCSTE/HQ/NER dated 25.02.2021 | | | | | |
| Affected Blocks & Telecom Circuits Details | | | | | |
| 1 | Sahjanwa Rly Station to Khalilabad Rly Station | 4.5 | 0.0056 | 8800 | 49 |
| 2 | Nakha Jungle Rly Station to Campierganj Rly Station | 8.3 | 0.0093 | 7100 | 66 |

Prateek

प्रतीक श्रीवास्तव/PRATEEK SHIVASTAVA
 सहायक निदेशक-II/Asstt. Director-II
 केन्द्रीय विद्युत प्राधिकरण/C.E.A.
 विद्युत मंत्रालय/Ministry of Power
 भारत सरकार/Govt. of India
 नई दिल्ली/New Delhi

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

Annexure - II

3/46937/Sigs 7(b)/2336/

13 Apr 2021

Office of the Executive Engineer
Electricity Transmission Division-II
U.P. Power Transmission Corporation Limited
Balli Plant, Mohaddipur, Gorakhpur-273008

**PROPOSAL FOR PTCC CLEARANCE FOR 220KV D/C PG GORAKHPUR-
MAHRAJGANJ TRANSMISSION LINE**

1. Refer your letter No 200 ETD-II(G)/ dt 22 Jan 2021. (copy att).
2. No Objection Certificate (NOC) is accorded based on inputs provided vide Map sheet received under your letter mentioned above.
3. Documents alongwith map sheets (in original) are returned herewith for your further necessary action.

(A Rawat)
Lt Col
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
Katwara Sarai, New Delhi - 110016

The DET (PTCC), Northern Zone
O/o PGM (North), QA & Inspection Circle,
D-Tax Building, Eastern Court, Janpath
New Delhi-110001

for information