



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/JHR-48 /1211-1214

Date: 09.12.2019

✓ 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 220 kV D/C Jasidih – Giridih Transmission line

Reference: (i) Dy.G.M.Trans.Operation/Projects, JUSNL letter No. 588/ESE(T) dated 15.07.19
(ii) BSNL letter no. DE/PTCC/ER/EJH060420192409/01 dated 20.08.19
(iii) Eastern Railway no.SG.241/1/PTCC/260 dated 10.07.19
(iv) East Central Railway letter no. ECR/S&T/PTCC/134, Pt.III/686 dated 30.07.19
(v) Defense letter no. B/46937/Sigs 7(b)/1709 dated 07.08.19

The PTCC proposal submitted vide above ref(i) has been examined. BSNL vide above reference (ii) has issued NOC. The low frequency induction on Block & Telecom circuits of Eastern Railway and East Central Railway with respect to details furnished vide above references have been computed. The Soil Resistivity (SR) value has been taken as 7500 Ohm-cm. The voltages likely to be induced on paralleling Block & Telecom circuits of Eastern Railway and East Central Railway under Single Line to Ground fault condition are enclosed at Annex-I & II respectively. The screening factors, as applicable, have been considered. Vide ref. (v) above, Defence Authority have issued No Objection Certificate (NOC) (a copy enclosed as Annex-III).

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

Encl.: As above

उपेन्द्र कुमार

Upendra Kumar
Chief Engineer

Copy to:

re/ke

- 1) CSTE, Eastern Railway, N.S. Road, B.B.D. Bagh, Kolkata, West Bengal – 700001 (Only Annex-I)
- 2) GM(S&T), East Central Railway, Hajipur, Bihar – 844101 (Only Annex-II)
- 3) DGM (Operations & Project), Transmission Circle, Jharkhand Urja Sancharan Nigam Limited, Deoghar, Campus- 132/33 kV Grid Sub-Station, Deogarh - 814112, Jharkhand.

Received By

S.K. Habib Ali
LNT (Deoghar)
10.12.19

एन आर पी सी परिसर, कटवारिया सराय, नई दिल्ली-110016 टेलीफैक्स: 011-26565214 ईमेल: celdntcea@gmail.com

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

B/46937/Sigs 7(b)/1709/

6/ Aug 2019

Office of the Dy. G.M. (Transmission Operation/Projects)
 Jharkhand Urja Sancharan Nigam Limited
 132/33kV Grid Sub-Station, Deoghar,
 Dist. Deoghar, PIN-814112

PROPOSAL FOR PTCC APPROVAL OF 220KV D/C JASIDIH-GIRIDIH TRANSMISSION LINE

1. Ref your letter No 494/ESE(T) dt 17 Jun 2019 (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.

(Anurag Mishra)
 Lt Col
 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

for information
 26/8/19
 27/8/19
 28/8/19

