



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/HRA-225/ 41-43

Date: 10.01.2020

The Divisional Engineer (Telecom), BSNL  
PTCC O/o GM (North), Inspection Circle (T & D),  
CTS Compound, Netaji Nagar,  
Africa Avenue, New Delhi - 110023

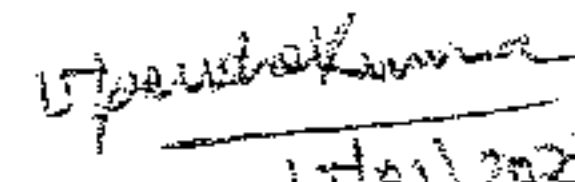
**Subject: PTCC proposal for 220 kV D/C line from 400 kV S/S Abdullapur to 220 kV S/S Rajokheri.**

**Ref. :** (i) HVPNL Ref. No. 136/CW-579 Dated: 20.08.2019  
(ii) BSNL Ref. No. DET/PTCC/ND/DV-9578/HR-837/2019-20 Dated: 04.11.2019  
(iii) Northern Railway Ref. No. 342-SIG/1/PTCC Dated: 23.09.2019

The PTCC proposal submitted vide ref. (i) has been examined. The low frequency induction on BSNL cables and block circuits of Northern Railways as per details furnished vide ref. (ii) and ref. (iii) respectively has been examined. The Soil Resistivity value has been taken as 10,000 Ohms-cm, as per data submitted by Power Authority. Voltages likely to be induced on paralleling BSNL cables and Railway block circuits under single line to ground fault condition are enclosed at Annex-I and Annex- II respectively. The screening factors as applicable have been considered.

Telecommunication details from Defense are pending and the power authority has shown urgency for charging the line. In view of this, you are requested to issue provisional PTCC route approval.

**Encl.:** As above.

  
10/01/2020  
(Upendra Kumar)  
Chief Engineer

Copy to :

1. General Manager (S&T), Northern Railway, Office Headquarters, Baroda House, New Delhi-110001. (Annexure - II only)
2. Executive Engineer, Transmission System, Haryana Vidyut Prasaran Nigam Ltd., Ambala City (HR)-134003.



