



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/UP-484 1958A-958C

Date: 19.09.2019

DET (PTCC), Northern Zone,
Bharat Sanchar Nigam Ltd (BSNL),
O/o PGM(N), Inspection Circle,
CTS Compund, Netaji Nagar,
New Delhi – 110023

Subject: Induced Voltage Calculation in respect of PTCC proposal for 200 KV D/C Unnao-Phoolbagh (Kanpur) transmission line.

Reference: (i) BSNL letter no. DET/PTCC/ND/DV-9500/UP-750/2019-2020 dated 03.09.2019
(ii) Northern Railway letter no. 342-SIG/1/PTCC dated 11.06.2019

Sir,

The instant PTCC proposal has been examined. Vide ref. (i) above BSNL have intimated that there is no U/G cable and armoured OFC within 08 Kms of the proposed power line and hence, issued No objection certificate (NOC). The Soil Resistivity (SR) value has been taken as 15,000 & 10,000 Ohm-cm. The voltages likely to be induced on Block and Telecom circuits of Northern Railway under Single Line to Ground fault condition have been computed and are enclosed as Annexure. 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

m/c

सचिव
19.09.19
(R. P. Singh)
Director, PTCC

Copy to:

1. General Manager(S & T), Northern Railway, Headquarter Office, Baroda House, New Delhi-110001
2. Executive Engineer, Electricity Transmission division-I, U.P. Power Transmission Corporation Ltd., Vidyut Colony, Govind Nagar, Kanpur-208006.

