

I/13551/2021(1)



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

Case No.: AND-693:	०१.०१.०२.२१
PTCC proposal of 220 kV Twin Moose D/C line from 400/220 kV SS Hindupur to proposed 220/132 kV SS Pampanurthanda (Nuthimadugu)	

Reference:		
Sl. No.	Reference No	Dated
(i)	APTRANSCO: CPT 150/SE/PM/Pampanur Tanda/PTCC proposals/D.No.970/19	03.06.2019
(ii)	BSNL: SR-PTCC/SAP/2481/04	16.01.2020
(iii)	South Western Railway: SG/SWR/PTCC/F-970/1928	08.08.2019
(iv)	Defense: B/46937/Sigs 7(b)/1704	03.09.2019

The PTCC proposal submitted vide ref. (i) has been examined. The low frequency induction on telecom cables of BSNL and Block & Telecom circuits of South Western Railway with respect to details furnished vide above references (ii) and (iii) respectively has been computed. The voltages likely to be induced on paralleling telecom cables of BSNL and Block & Telecom circuits of South Western Railway under Single Line to Ground fault condition are enclosed at Annex-I and Annex-II respectively. The screening factors, as applicable, have been considered. Vide ref. (iv) above, Defence Authority have issued No Objection Certificate (NOC) (a copy enclosed as Annex-III).

Taking above into consideration, necessary action for issuance of PTCC route approval may be taken.

Encl.: As above.

Signature: Not Verified
Digitally signed by P. ENDRA KUMAR
Date: 2021.02.01 15:13:26 IST

Chief Engineer

To,

1.	Divisional Engineer (PTCC), Southern Zone	BSNL, Inspection Circle, 1st Floor, Raj Bavan Exchange No. 26, Sardar Patel Road, Guindy, Chennai-600032	Annex-I & Annex-III
2.	ASTE/TELE/HQ	SWR O/o Principal Chief Signal & Telecom Engineer, 1st floor, West Block, Rail Soudha, Gadag Road, Hubli-580020	Annex-II
3.	Chief Engineer, Construction	Transmission Corporation of Andhra Pradesh Limited, Vidyut Soudha, Vijayawada-520004	Copy for information

MIC