

भारत सरकार Government of India विद्युत मंत्रालय Ministry of Power केन्द्रीय विद्युत प्राधिकरण Central Electricity Authority

विद्युत संचार विकास प्रभाग

Power Communication Development Division

CEA Case No.: MP-485
PTCC proposal for diversion of 765 kV D/C Hexa Khandwa to Dhule transmission line (Maharashtra portion): 65.272 km

Referen S. No.	Reference No.	Dated
(i)	Khargone Transmission Limited.: 030521	03.05.2021
(ii)	BSNL: L-4/PTCC/Route Khandwa-Dhule/2021-22/04	03.07.2021
(iii)	Western Railway: SG. 158/28/9/313	29.06.2021
(iv)	Defense: B/46937/Sigs 7(b)/2437	04.08.2021

The PTCC proposal submitted vide reference (i) has been examined. BSNL vide reference (ii) intimated that no telecom line is passing nearby diverted route of proposed power line. Hence, IV calculation on BSNL telecom line is not required. The LF induction on Block & Telecom circuits of Western Railway with respect to details furnished vide above reference (iii) has been computed. The voltages likely to be induced on paralleling Block & Telecom circuits of Western Railway under Single Line to Ground fault condition are enclosed at Annexure-I. The screening factors, as applicable, have been considered. The Defense Authority have accorded NOC vide above reference (iv) for the proposed power line. (a copy enclosed at Annexure-II)

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

Encl.: As above.

Signature Not Verified
Digitally signed by RAGHVENDRA PRATAP SINGH
Date: 2021.09.27 10:59:31 IST

Director

To,			
1.	Divisional Engineer (PTCC), Western Zone	Bharat Sanchar Nigam Limited (BSNL), Inspection Circle, 3 rd floor, D-Wing, BSNL Admin Building, Juhu Tara Road, Santacruz (West), Mumbai-400054.	Annexure J only
2.	Dy. CSTE/Co/CCG.	O/o PCSTE, S&T Dept., 5 th floor, Station Building, Church Gate, Mumbai-400020.	Annexure- II only
3.	Khargone Transmission Ltd.	House No. 208, B- Sector, Silicon City, Rau, Indore(M.P.)-452012	Copy of information

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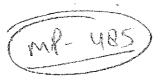
ANNEXURE – II

: 1 cm=500 m Map Scale CEA Case No.: MP-485 Name of the Power line: Diversion of 765 kV D/C Hexa Total Length: 62.272 km : 25,000 ohm-cm Khandwa to Dhule transmission line. (Maharashtra portion) S.R. Value **Effective Fault** I.VLength of Mutual Parallelism Coupling in current Volts. in Km. in Ohms. in Amps. Telecom. Details S.No.

Western Railway: SG. 158/28/9/313			Dated: 29.06.2021			
	Affected Blocks	& Telecom Circu	<u>iits Details</u>			
1	Padse to Nardana	0.6	0.0003	14730	04	
2	Nardana to Hol	0.7	0.0029	14815	43	
3	Hol to Sindkheda	1.1	0.0007	14931	10	

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Tele: 23019746



(Amexure-II)

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

64 Aug 2021

B/46937/Sigs 7(b)/2437/

Asstt. General Manager Khargone Transmission Limited Site Office: House No. 208, B-Sector Silicon City, Rau, Indore (Madhya Pradesh) Pin-452012

PTCC ROUTE APPROVAL FOR 765KV D/C HEXA KHANDWA-DHULE TRANSMISSION LINE

- 1. Refer your letter Nos O-30521 dt 03 May 2021 & KTL-STAT-PTCC-300621 dt 30 Jun 2021 (copy att).
- 2. No Objection Certificate (NOC) is accorded based on inputs provided as per Map sheets 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 (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

for information

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