



सत्यमेव जयते

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

Reference:		
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 10:59:37 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-II 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

MTC

ANNEXURE - I

CEA Case No.: MP-485
Name of the Power line: Diversion of 765 kV D/C Hexa
 Khandwa to Dhule transmission line. (Maharashtra portion)

Map Scale : 1 cm=500 m
Total Length : 65.272 km
S.R. Value : 25,000 ohm-cm

S.No.	Telecom. Details	Length of Parallelism in Km.	Mutual Coupling in Ohms.	Effective Fault current in Amps.	I.V in Volts.
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Western Railway: SG. 158/28/9/313

Dated: 29.06.2021

Affected Blocks & Telecom Circuits Details

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



JAMI/TANUJ
 सहायक निदेशक-II/Asstt. Director-II
 केन्द्रीय विद्युत प्राधिकरण/C.E.A.
 विद्युत मंत्रालय/Ministry of Power
 भारत सरकार/Govt. of India
 नई दिल्ली/New Delhi-66

Tele : 23019746

MP-485

(Annexure - II)

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

04 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

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

for information