

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

df.09.12.21 CEA Case No.: GUJ-811 PTCC proposal of 220 kV Overhead line from 250.80 MW CLP India Pvt Ltd Switchyard to PGCIL Jam Khambaliya 400/220 kV PS(GIS); 40.4 km

Reference:		Dated	
S. No.	Reference No.	26.05.2021	
(i)	M/s CLP India Pvt Ltd: CLP/2021-22/Sidhpur Wind		
` '	Project/BSNL/PTCC/2605-02	05.10.2021	
(ii)	BSNL: IC/MBI/PTCC/WGJ030920213491_WGJ2	05.10.2021	
(11)	00920212856	17.00.2021	
····	Western Railway: SG 158/28/12/1159	17.09.2021	
(iii)_	Western Kanway, 50 156/26, 2010	22.07.2021	
(iv)	Defense: B/46937/Sigs 7(b)/2447		

The PTCC proposal submitted vide reference (i) has been examined. The LF induction on telecom lines of BSNL and block & telecom circuits of Western Railway with respect to details furnished vide above reference (ii) and (iii) respectively has been computed. The voltages likely to be induced on paralleling telecom lines of BSNL and block & telecom circuits of Western Railway under Single Line to Ground fault condition are enclosed at Annexure-I and Annexure-II respectively. 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 as Annexure-III).

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

Digitally signed by RAGHVENDRA PRATAP SINGH Date: 2021,12.09 17:03:34 IST

Encl.: As above.

Director

	Divisional Engineer (PTCC), Western Zone Dy. CSTE/N&S//CCG	Western Railway, Office of 1 CS12, 364 1975 5th Floor, Station Building, Churchgate, Mumbai –	Annex-II only
3.	Head - Construction and Project Management	M/s CLP India Pvt Ltd, 7 th floor, Fulcrum, Sahar Road, Andheri (East), Mumbai - 400099	Copy for information

Map Scale: 1 Cm=500 Meters CEA office case No: Gυӡー8い Route Length: 40.400 Kms WGJ200920212856 (2856) BET (PTCC) Office Case No: Soil Resistivity: (15000) Ohm-Cm Railway Office Case No: Name of Power Line: 220 KV Overhead line from 250.80MW CLP India Pvt Ltd Switchyard to PGCIL Details from Power Company/Authority Telecom Details from BSNL Induced Length of Mutual SI coupling | current in | Voltage in Paramete Name of the Telecom Cable/Line No. Volts r in Km in Ohms Amp Khambhaliya Exch Khambhaliya Exch to Nagar Gate 800Px4, 400Px2 2A Nagargate to GBG School 400Px1, 50Px4 3A GBG School to Seva Sadan 200Px1, 100Px1, 50Px2 4A |Sevasadan to Kanchapur 100Px1 5A Nagargate to Collector Residence 200Px1 Khambhaliya Exch to Bhanvad Patia 400Px2 6A 7A Khambhaliya Exch to Fedaral Bank 100Px1 430 Khambhaliya Exch to Panchvati 400Px1 **A**8 Movan 芒蕊花 1B | Movan Exch to Local 200Px1, 50Px1 2B Movan Exch to Local 100Px1, 20Px3 Movan Exch to Local 50Px1, 20Px3 Movan Exch to Local 50Px1, 20Px4 4B Bhatiya Exch Bhatiya Exch to Local 1200Px1, 50Px4 1C Bhatiya Exch to Local 800Px1, 400Px1, 100Px1 2C Bhatiya Exch to Local 400Px1, 100Px1, 50Px2 WHITE PRATEEK SRIVASTAVA सन्तरक निरेशका II/Asstr. UniscionII केन्द्रीय विद्युत प्राधिकरण/८.5.A. विद्युत मंत्रातम्/Ministry of Pows भारत शुरकार // अपर. of India TO PAST NEW HEIT

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ANNEXURE - II

Case No.: GUJ-811

Name of the Power Line: 220 kV Overhead line from 250.80 MW CLP India Pvt Ltd Switchyard to PGCIL Jam

Khambaliya 400/220 kV PS(GIS)

Map Scale : 1 cm = 500 m. Route Length : 40.4 km

Soil Resistivity: 15,000 Ohm-cm

	S.No.	Telecom Details	Length of Parallelism (in km)	Mutual Coupling (Ohms)	Fault Current (Amps)	Induced Voltage (Volts)	
. }							

	WESTERN RAILWAY Ref. No: SG 158/28/12/1159 dated 17.09.2021				
	Affected Blocks & Telecom Circuits Detail	<u>ls</u>		-	
. 1	Khambaliya – Bhatel	11.5	0.0018	7500	14
2	Bhatel – Bhopalka	19.2	0.0042	7200	30
3	Bhopalka – Bhatiya	3.8	0.0021	8000	17

Matalla

PONIASTAVA

प्रतीक भीवास्तर / PRATIEK SRIVASTAVA মহাৰক নিৰ্ভাগনা Director-II কুল্মীয় বিষ্টুণ ক্ষান্ত এ C.E.A. কিল্পীয় বিষ্টুণ ক্ষান্ত এ C.E.A. কিল্পীয় বিষ্টুণ ক্ষান্ত এ Power ভাবে সংখ্যা / Govt. of India কৃষ্টি হিন্দুলী / Niew Belhi

Signals 7

General Staff Branch
Integrated HQ of MoD, (Army)
DHQ PO, New Delhi – 110011

B/46937/Sigs 7(b)/2447/

Head-Construction and Project Management CLP India Private Limited 6th Floor, Chanakya, Off Ashram Road, Alamedabad-380 009 2£ Jul 2021

PTCC APPROVAL OF THE CENTRAL GOVERNMENT FOR LAYING OF 220KV OVERHEAD LINE FROM 250.80MW CLP INDIA PVT. LTD SWITCHYARD TO PGCIL JAM KHAMBALIYA 400/220KV PS (GIS), DISTRICT: DEVBHUMI DWARKA, GUJARAT UNDER ELECTRICITY ACT 2003

- 1. Refer your letter No CLP/2021-22/Sidhpur Wind Project/BSNL/PTCC/ 2605-03 dt 26 May 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/o PGM (North), QA & Inspection Circle,
D-fax Building, Eastern Court, Janpath
New Delhi-110001

- for information

