



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.: GUJ-811	dt. 09.12.21
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.	
(i)	M/s CLP India Pvt Ltd: CLP/2021-22/Sidhpur Wind Project/BSNL/PTCC/2605-02	26.05.2021
(ii)	BSNL: IC/MBI/PTCC/WGJ030920213491_WGJ2 00920212856	05.10.2021
(iii)	Western Railway: SG 158/28/12/1159	17.09.2021
(iv)	Defense: B/46937/Sigs 7(b)/2447	22.07.2021

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.

Signature Not Verified
Digitally signed by RAGHUVENDRA PRATAP SINGH
Date: 2021.12.09 17:03:39 IST

Encl.: As above.

Director


To,

1.	Divisional Engineer (PTCC), Western Zone	Bharat Sanchar Nigam Limited (BSNL), 1 st Floor, D-Wing, BSNL Admin Building, Juhu Tara Road, Santacruz (West), Mumbai-400054	
2.	Dy. CSTE/N&S//CCG	Western Railway, Office of PCSTE, S&T Dept., 5 th Floor, Station Building, Churchgate, Mumbai - 400020	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

ANNEXURE - II

Case No.: GUJ-811		Map Scale : 1 cm = 500 m.			
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)		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 Details					
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


PRATEEK SRIVASTAVA
 प्रतीक श्रीवास्तव / PRATEEK SRIVASTAVA
 सहायक निदेशक / Asst. Director-II
 केन्द्रीय विद्युत प्राधिकरण / C.E.A.
 विद्युत मंत्रालय / Ministry of Power
 भारत सरकार / Govt. of India
 नई दिल्ली / New Delhi

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

Annex-III


B/46937/Sigs 7(b)/24471

25 Jul 2021

Head-Construction and Project Management
CLP India Private Limited
6th Floor, Chanakya, Off Ashram Road,
Ahmedabad-380 009

**PTCC APPROVAL OF THE CENTRAL GOVERNMENT FOR LAYING OF 220KV
OVERHEAD LINE FROM 250.80MW CLP INDIA PVT. LTD SWITCHYARD TO
PGCIL JAM KAMBALIYA 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 (Comd)
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

