



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.: GUJ-810
PTCC proposal of 220 kV transmission line from Radhanesda to Wav (Khimanvas) on D/C Tower having length of 35.54 km.

Reference:		
S. No.	Reference No.	Dated
(i)	GETCO: CE(Project)/SE (Planning)/3740	24.05.2021
(ii)	BSNL: IC/MBI/PTCC/WGJ270520213264	29.05.2021
(iii)	Western Railway: SG.158/28/12/1155	02.06.2021

The PTCC proposal submitted vide reference (i) has been examined. The low frequency induction on BSNL cables as per details furnished vide reference (ii) has been examined. Voltages likely to be induced on paralleling BSNL cables under single line to ground fault condition are enclosed at Annexure. The screening factors as applicable have been considered. Western Railway vide above reference (iii) has intimated that there is no railway track within the vicinity of 8 km from the proposed power line and conveyed their approval for the said line.

Telecommunication details from Defense are pending and the power authority has shown urgency for the charging of the line. In view of this take necessary action regarding issuance of **Provisional PTCC approval for 220 kV transmission line from Radhanesda to Wav (Khimanvas) on D/C Tower.**

Encl.: As above.

Signature Not Verified
Digitally signed by
RAGHVENDRA BRATAP SINGH
Date: 2021.06.09 14:01:44 IST

M/C

Director

To,

1.	Divisional Engineer (PTCC), Western Zone	Bharat Sanchar Nigam Limited (BSNL), 3 rd Floor, D-Wing, BSNL Admin Building, Juhu Tara Road, Santacruz (West), Mumbai-400054	Annexure
2.	Chief Engineer (Project), GETCO	GETCO, Sardar Pater Vidyut Bhavan, Race Course, Vadodara - 390007	Copy for information

Annexure

A office case No:		Map Scale: 1 Cm=500 Meters			
ET (PTCC) Office Case No: WGJ270520213264		Route Length: 35.540 Kms			
Railway Office Case No:		Soil Resistivity: 533.05 Ohm-Cm			
Name of Power Line: 220KV DC Radhanesda-Wav (Khimnavas) Line on D/C tower					
Telecom Details from BSNL			Details from Power Company/Authority		
Sl No.	Name of the Telecom Cable/Line	Length of Parameter in Km	Mutual coupling in Ohms	Fault current in Amp	Induced Voltage in Volts
1.	Taday Exch	}	}	}	}
1A	Taday Exch to local 100x1, 50x1, 20x2				
2A	" to local 50x1, 20x2				
2.	Dhinnra Exch				
1B	" to local 100x1, 50x1, 20x2				
2B	" to local 50x1, 20x2				
3B	" to local 50x1, 20x2				
3.	Madra Exch				
1C	" to local Exch 100x1, 20x2				
2C	" to local 50x1, 20x2				
4.	Wav Exch	}	}	}	}
1D	Wav Exch to Khimnavas 20x1				
2D	" to ITI 20x1				
3D	" to Vandi 20x1				
4D	" to local 400x1, 100x1, 50x2				
5D	" to local 500x1, 100x1, 20x2				
6D	" to local 100x1, 50x2, 20x2				

Power Telecom Co-ordination Committee
Western Region, QA & Inspection Circle, Mumbai

Copy to:-
(1) GETCO, Vadodara Gujarat

Prateek
प्रतीक श्रीवास्तव / PRATEEK SRIVASTAVA
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