



भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

केन्द्रीय विद्युत प्राधिकरण

Central Electricity Authority

विद्युत संचार विकास प्रभाग

Power Communication Development Division



No.: CEA/PCD/ PTCC/WB-133/ 585-587

Date: 22.09.2020

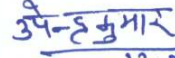
Subject: PTCC proposal of 400 kV D/C Jeerat (New) to Jeerat (WBSETCL) Transmission line -regd.

Ref: (i) PMJTL Ref. No. ER-II/KALYANI/PTCC/257 dated 21.05.2018
(ii) BSNL Ref. No. DE/PTCC/EWB020620182134 dated 08.07.2020
(iii) Eastern Railway Ref. No. SG.241/1/PTCC/250 dated 30.01.2019
(iv) Defense Ref. No. B/46937/Sigs 7(b)/1251 dated 20.11.2018

The PTCC proposal submitted vide ref. (i) has been examined. The LF induction on block & telecom circuits of Eastern Railway, as per details furnished vide ref. (iii), has been examined. The Soil Resistivity value has been taken as 15,000 Ohms-cm. Voltages likely to be induced on paralleling block & telecom circuits of Eastern Railway under single line to ground fault condition are enclosed at Annex-I. The screening factors as applicable have been considered. BSNL has accorded NOC vide above ref. (ii) for the proposed transmission line. Defense has accorded NOC vide above ref. (iv) for this line (a copy enclosed at Annex-II).

Taking above into consideration, kindly take necessary action regarding issue of PTCC route approval.

Encl.: As above.


(Upendra Kumar)
Chief Engineer

To,
DE (PTCC), Eastern Region,
Inspection & QA Circle, BSNL
Q.A. Bhawan, EP-GP Block, Sector-V,
Salt Lake, Kolkata – 700091

o/c

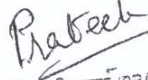
Copy to:

1. PCSTE, Eastern Railway, Netaji Subhas Road, Kolkata - 700001 – (with Annex – I)
2. Chief Manager, Powergrid Medinipur Jeerat Transmission Ltd, A-9/319, Kalyani, Nadia, West Bengal - 741235

ANNEXURE - I

Case No.: WB-133 Name of the Power line: 400 kV D/C Jeerat (New) to Jeerat (WBSETCL) Transmission line		Map Scale : 1cm=500mts Total Length : 25.267 km. S.R. Value : 15,000 Ohms-cm			
S.No	Telecom. Details	Length of Parallelism in Km.	Mutual Coupling in Ohms.	Effective Fault current in Amps.	I.V in Volts.

Eastern Railway					
SG.241/1/PTCC/250 dated 30.01.2019					
1	Bira to Guma	OUTSIDE IV CALCULATION CONSIDERATION ZONE			0
2	Guma to Ashoknagar				0
3	Ashoknagar to Habra				0


 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

Annex-II

WB-133

Tele : 23019746

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

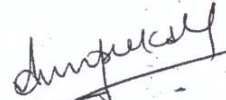
B/46937/Sigs 7(b)/1251/

20 Nov 2018

Chief Manager (TBCB)
PowerGrid Medinipur-Jeerat Transmission Limited
A-9/319, Kalyani, Nadia,
PIN-741235

**PROPOSAL FOR PTCC APPROVAL OF 400KV D/C QUAD (ACRS MOOSE) JEERAT
(NEW)- JEERAT (WBSETCL) T/L**

1. Ref your letter No. ER-II/KALYANI/PTCC/257 dt 21 May 2018 (copy att).
2. No Objection Certificate (NOC) is accorded based on inputs provided vide 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)
Maj
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.