



Government of India

विद्युत मंत्रालय

Ministry of Power केन्द्रीय विद्युत प्राधिकरण

Central Electricity Authority पावर कम्युनिकेशन डवलप्मेंट प्रभाग

Power Communication Development Division

No.: CEA/PCD/PTCC/WB-135 68-70

Date: 27.01.2020

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

Subject:

PTCC Route Approval for 400 kV D/C Baharampur (India) - Bheramara (Bangladesh)

Transmission line - II

Reference:

BSNL letter no. DE/PTCC/ EWB100920182196/03 dated 24.01.2020

Eastern Railway no.SG.241/1/PTCC/259 dated 12.06.19

(iii) Defense letter no. B/46937/Sigs 7(b)/1279 dated 20.11.18

The PTCC proposal has been examined. BSNL vide above reference (i) has issued NOC. The low frequency induction on Block & Telecom circuits of Eastern Railway with respect to details furnished vide above references have been computed. The Soil Resistivity (SR) value has been taken as 5000 Ohm-cm. The 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. Vide ref. (iii) above, Defence Authority have issued No Objection Certificate (NOC) (a copy enclosed as Annex-II).

Taking above into consideration, kindly take necessary action for PTCC route approval

Encl.: As above

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Upendra Kumar Chief Engineer

Copy to:

CSTE, Eastern Railway, N.S. Road, B.B.D. Bagh, Kolkata, West Bengal - 700001 (Only Annex-I)

General Manager, PGCIL, ER-II, Beherampur, 400 kV Berhampore Switching Station, Dakshongram, Palsonda More, Murshidabad - 742238

ANNEXURE -

Case No.: WB -135					
Name of the Power line: 400 kV D/C Baharampur (India) – Bheramara (Bangladesh) (India Portion)			Map Scale : 1cm=500mts Total Length : 87.148 Km. S.R. Value : 5,000 Ohms-cm		
S.No.	Telecom. Details	Length of Parallelism in Km.	Mutual Coupling in Ohms.	Effective Fault current in Amps.	I.V in Volts.
	RN RAILWAY SG. 241 / 1 / PTCC / 259 DATED: 12-06				
		5-2019			
Affecte	d Blocks & Telcom Circuits Details				
1	Gosaingram – Azimaganj Jn. Cabin	3.0	0.0004	11500	5
2	Azimaganj Jn. Cabin - Azimaganj Jn.	1.0	0.0001	10500	1
3	Gosaingram - Poradanga Halt	2.0	0.0010	12300	12
4	Mahipal Road - Poradanga Halt	2.5	0.0010	11800	12
5	Poradanga Halt - Azimaganj Jn. Cabin	3.0	0.0003	11600	3
6	Bhagwangola – Jiaganj	6.0	0.0030	9800	29
7	Jiaganj – Murshidabad	2.0	0.0002	9000	2
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			Jpourhakmul 2020		
			मुख्य अभिवता/Chief Engmeer केन्द्रीय विद्वत प्रश्विकरण/C.E.A.		
			विद्युत मंत्रालय/Ministry of Power भारत संरकार/Govt. of India		
			नई विल्ला New Delhi		•

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)/1279/

20 Nov 2018

PowerGrid Corporation of India Limited 400kV Berhampore Switching Station, ER-II Beside Aquimina Water Factory Vill-Dakshingram, PO-Palsond More, Distt-Murshidabad (West Bengal)-742238

PTCC PROPOSAL FOR 400KV D/C (TWIN MOOSE) BERHAMPORE (INDIA)-BHERAMARA (BANGLADESH) TRANSMISSION LINE (II)

- 1. Ref your PTCC proposal dt 18 Aug 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

for information.