

सत्यमेव जयते

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/KNK-926/ 252-253

Date: 19.06.2020

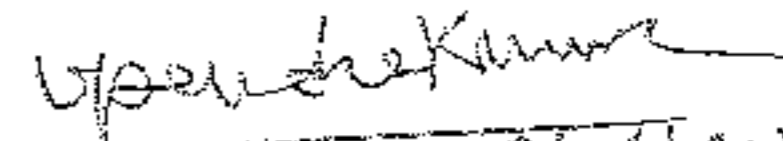
Subject: PTCC proposal of 220 kV LILO line from existing 220 kV Vasanthanarasapura (PGCIL)- Madhugiri DC line (Ckt-I) to the proposed 220/66/11 kV S/S at KIADB Industrial area at Vasanthanarasapura in Tumakurr Taluk and District under self-execution scheme-regd.

- | | | |
|------------|---|-------------------|
| Ref. : (i) | KPTCL Ref. No.CEE/SLDC/PTCC/F-2949/5140-48 | Dated: 26.07.2019 |
| (ii) | BSNL Ref. No. SR-PTCC/SKT-2551/5 | Dated: 18.11.2019 |
| (iii) | South Western Railway Ref. No.SG/SWR/PTCC/F-2949/1944 | Dated: 09.09.2019 |
| (iv) | Defense Ref. No. B/46937/Sigs 7(b)/1756 | Dated: 16.10.2019 |

The PTCC proposal submitted vide ref. (i) has been examined. The LF induction on BSNL cables as per details furnished vide ref. (ii) has been examined. The Soil Resistivity value has been taken as 25,000 Ohms-cm. Voltages likely to be induced on paralleling BSNL cables under single line to ground fault condition are enclosed at Annex-I. The screening factors as applicable have been considered. Vide ref. (iii) above, South Western Railway has intimated that there is no railway line exists within the vicinity of 8 km from the proposed power line. Therefore, IV calculation is not required for South Western Railway. 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.


19/06/2020
(Upendra Kumar)
Chief Engineer

To,
The Divisional Engineer (PTCC), Southern Zone,
Bharat Sanchar Nigam Limited (BSNL),
O/o DET (PTCC), Inspection Circle,
1st Floor, Raj Bavan Exchange No. 26,
Sardar Patel Road, Guindy, Chennai-600032

M/C

Copy to : Chief Engineer, KPTCL, O/o Chief Engineer (Electricity), SLDC, #23, Race Course Cross Road, Bengaluru-560009.

(Annex-I)

Case No. F-2949 / SKT-2551	RNK-726	SSA: Tumkur			
Name of the power line: 220 KV LILD line from existing 220 KV Vasanthanarasapura (PGCIL) - Madhugiri DC line (circuit-I) to the proposed 220/66/11 KV SS at KIADB Industrial Area at Vasanthanarasapura in Tumakuru Taluk and District under self execution scheme					
Length:	0.12 Kms				
Average SR value : 25 ohm cms			Type of BSNL cable: PIJF		
Sl.No.	Name of Telecom line	LOP in KMs	MC in Ohms	FC in Amps	IV in Voims
1 B	Nelahal Exge UG cables				
1	Exge to Kempanadodderi B-B4	}			
2	Exge to Power Grid B-B5				
3	Exge to Kissan Moulding B-B9				
4	Exge to Vectus B-B10				

9/06/20
मुख्य अभियंता / Chief Engineer
केन्द्रीय विद्युत प्राधिकरण / C.E.A.
विद्युत मंत्रालय / Ministry of Power
भारत सरकार / Govt. of India
नई दिल्ली / New Delhi

Tele 23813746

(A Rawat - II)

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

B/46937/Sigs 7(b)/1756

Oct 2019

Karnataka Power Transmission Corporation Limited
Office of the Chief Engineer Electricity
State Load Despatch Centre
28, R.C. Cross Road
Bengaluru - 560 009

**PROPOSED 220KV LILO LINE FROM EXISTING 220KV VASANTHANARASAPURA (PGCIL)-
MADHUGIRI DC LINE (CIRCUIT-I) TO THE PROPOSED 220/66/11KV SS AT KIADB
INDUSTRIAL AREA AT VASANTHANARSAPURA IN TUMAKURU TALUK AND DISTRICT
UNDER SELF-EXECUTION SCHEME**

1. Ref your letter No CEE/SLDC/ PTCC/F-2949/-5140-48 dt 26 Jul 2019 (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.

(Handwritten signature)

(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

Divisional Engineer Telegraph (PTCC)
O/o GM (North), BSNL, QA & Inspection Circle,
CTS Compound, Africa Avenue Road
Netaji Nagar New Delhi-110023

for information

1822
30/10/2019

(Handwritten notes and signatures)