

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-913/549-50

Date: 17.09.2020

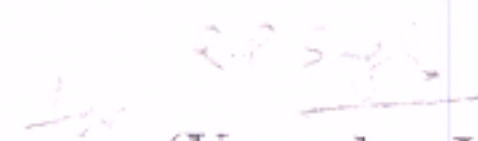
Subject: PTCC proposal for proposed 220 kV DC line on partly MC & DC towers from proposed 400/220 kV SS at Kalaburgi near Firozabad village to existing 220 kV SS at Shahabad by DC line on MC tower from 400 kV SS Kalaburgi to L. no. 45 to L. no. 1 of the existing Shahapur – Kapnoor 220 kV line LILO point to the existing 220 kV SS at Shahabad in Kalaburgi Dist. -regd.

Ref.: (i) KPTCL Ref. no. CEE/SLDC/PTCC/F-2830/15970-79 dated 03.01.2019
(ii) BSNL Ref. no. SR-PTCC/SKT-2329/7 dated 27.12.2019
(iii) Central Railway Ref. no. N.153/PTCC/220kV/KAR-96 dated 11.01.2019
(iv) Defense Ref. no. B/46937/Sigs 7(b)/1403 dated 02.04.2019

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 20,000 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. Central Railway, vide ref. (iii) above, has issued NOC for this 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,
The Divisional Engineer (PTCC), Southern Zone,
Bharat Sanchar Nigam Limited (BSNL),
O/o DET (PTCC), Inspection Circle,
1st Floor, Raj Bhavan Exchange,
No. 26, Sardar Patel Road, Guindy, Chennai-600032

MIC

Copy to:
Chief Engineer Electricity, KPTCL, State Load Despatch Centre, No. 28, R.C. Cross Road,
Bengaluru - 560009

CEA Case No. 913 KNK-913

Annex-I

Case No.F-2830/SKT-2329		SSA: Kalaburgi			
Name of the power line: Proposed 220 KV DC line on partly MC & DC towers from proposed 400/220 KV SS at Kalaburgi near Firozabad village to existing 220KV SS at Shahabad by DC line on MC towers from 400KV SS at Kalaburgi to L.no 45 & DC line on DC towers from L.no.45 to L.no.1 of the existing Shahapur-Kapnoor 220KV line LILO point to the existing 220KV SS at Shahabad in Kalaburgi district.					
Length:	11.58 Kms				
Average SR value : 20000 ohm cms		Type of BSNL cable: PIJF			
Sl.No.	Name of Telecom line	LOP in KMs	MC in Ohms	FC in Amps	IV in Volts
A	Shahabad Exchange UG cables				
1	Exge to Hongunta Cross A-A1				
2	Exge to Wadi Cross A-A2				
3	Exge to Shantnagar A-A3				
4	Exge to Railway station A-A4				IV less than 430 V
5	Exge to Basaveshwar Chowk A-A5				
6	Exge to Nalah A-A6				

[Faint official stamp and handwritten notes]

Annex-II

KNK-913

Tele : 23019746

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

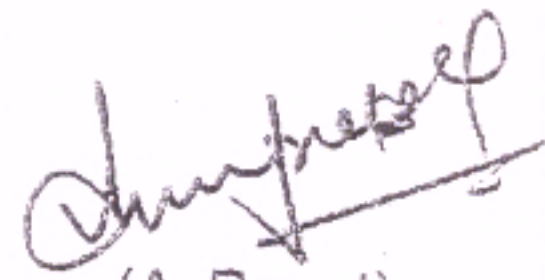
B/46937/Sigs 7(b)/1403

02 Apr 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 DC LINE ON PARTLY MC&DC TOWERS FROM PROPOSED 400/220KV SS AT KALABURGI NEAR FIROZABAD VILLAGE TO EXISTING 220KV SS AT SHAHABAD BY DC LINE ON MC TOWERS FROM 400KV SS AT KALABURGI TO L.NO. 45& DC LINE ON DC TOWERS FROM L.NO. 45 TO L.NO. 1 OF THE EXISTING SHAHAPUR-KAPNOOR 220KV LINE LILO POINT TO THE EXISTING 220KV SS AT SHAHABAD IN KALABURGI DISTRICT

1. Ref your letter No CEE/SLDC/ PTCC/F-2830/-15970-79 dt 03 Jan 2019 (copy att).
2. No Objection Certificate (NOC) is accorded based on inputs provided vide Map sheet 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.