



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.: KNK-934 :

PTCC proposal of 220 kV DC line on MC towers from proposed 400/220 kV S/S at Mylasandra to connect the existing 220 kV Somanahalli to Devarabisanahalli (Vikas Tech Park) DC line at T.No.11 | for providing independent supply to existing 220/66 kV S/S at Devarabisanahalli (Vikas Tech Park) by disconnecting from Somanahalli Line| in Bangalore Urban District: 1.639 km

Reference:		
S. No.	Reference No.	Dated
(i)	KPTCL: CEE/SLDC/PTCC/F-3009/15411-19	19.12.2019
(ii)	BSNL: SR-PTCC/SKT-2678/4	12.01.2021
(iii)	South Western Railway: SG/SWR/PTCC/F-3009/2008	18.02.2020
(iv)	Defense: B/46937/Sigs 7(b)/1936	03.02.2020

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-I. The screening factors as applicable have been considered. South Western Railway has issued No objection vide above reference (iii). In addition, Defense has accorded NOC vide above reference (iv) for this line (a copy enclosed at Annexure-II).

Taking above into consideration, necessary action for issuance of PTCC route approval may be taken.

Encl.: As above.

Signature Not Verified
Digitally signed by
RAGHVENDRA PRATAP SINGH
Date: 2021.07.14 10:35:28 IST

Director

MIC

To,

1.	Divisional Engineer (PTCC), Southern Zone	BSNL, Inspection Circle, 1st Floor, Raj Bavan Exchange No. 26, Sardar Patel Road, Guindy, Chennai-600032.	With Annexures
2.	Chief Engineer Electricity	KPTCL, O/o Chief Engineer Electricity, State Load Despatch Centre, #28, Race Course Cross Road, Bengaluru-560009.	Copy for information

(Annexure-I)

Case No. SKT-2944 / F3151

SSA: Davangere

Name of the power line: PTCC Proposal for construction of proposed 220KV SC Line on DC Towers from existing 220/66KV SS at Thallak to proposed M/s RVNL 220/25 KV Railway Traction SS at Thallak Village in Challakere Taluk, Chitradurga District.

Length: 1.105 Kms

SR: 25,000 - 2cm

Average SR value : 25062 Ohms-cms

Type of BSNL cable: PIJF

Sl.No.	Name of Telecom line	LOP in Kms	MC in Ohms	FC in Amps	IV in Volts
1 (A)	Tallak Telephone Exchange				
1	Exge to Mannekote (A-A1)				
2	Exge to Thimmanahally (A-A2)				
3	Exge to Giriyanmanahalli (A-A3)	IV less than 430V			

संजय / TANUJ
सहायक निदेशक-II/Asstt. Director-II
केन्द्रीय विद्युत प्राधिकरण / C.E.A.
विद्युत मंत्रालय / Ministry of Power
भारत सरकार / Govt. of India
नया दिल्ली / New Delhi-66

IV CKNR		Chennakeshvanagar Exchange	
1	Exge to Singasandra (CKNR-CN1)		
2	Exge to Novel (CKNR-CN2)		
3	Exge to Royal County (CKNR-CN3)		
4	Exge to Chikka Thogur (CKNR-CN4)		
5	Exge to Bharat Shell (CKNR-CN5)		
6	Exge to Central Jail (CKNR-CN6)		
V EC		Electronics City Exchange	
1	Exge to SBI (EC-EC1)		
2	Exge to Chikka Thogur (EC-EC2)		
3	Exge to Chikka Thogur (EC-EC3)		
VI JIG		Jigani Exchange	
1	Exge to Bandenasandra (JIG-J11)		
2	Exge to Koppa (JIG-J12)		
3	Exge to Harapanahalli (JIG-J13)		
4	Exge to Hulimangala (JIG-J14)		

IV less than 430V

Out of Parallelism

[Handwritten signature]

ಶ್ರೀ ಶಂಕರ್ / TANUJ
 ಸಹಾಯಕ ನಿರ್ದೇಶಕರು / Asst. Director-II
 ಕರ್ನಾಟಕ ವಿದ್ಯುತ್ ಸಂಸ್ಥೆ / C.E. A.
 ಕರ್ನಾಟಕ ಸರ್ಕಾರ / Ministry of Power
 ಕರ್ನಾಟಕ ಸರ್ಕಾರ / Govt. of India
 ಬೆಂಗಳೂರು / New Delhi-56

(2/2)

Slr 2678 / 282

KNK-934
(Annexure - 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)/1936

03 Feb 2020

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

**PROPOSED FOR CONSTRUCTION OF PROPOSED 220KV DC LINE ON MC TOWERS FROM
PROPOSED 400/220KV SS AT MYLASANDRA TO CONNECT THE EXISTING 220KV
SOMANAHALLI-DEVARABISANAHALLI DC LINE AT TOWER NO. 11 IN BENGALURU
URBAN DISTRICT**

1. Ref your letter No CEE/SLDC/ PTCC/F-3009/-15411-19 dt 19 Dec 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.

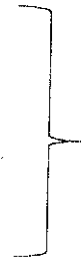

(A Rawat)
Maj
GSO 1 (Comn)
for SO-in-C

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