



भारत सरकार  
Government of India  
विद्युत मंत्रालय  
Ministry of Power  
केन्द्रीय विद्युत प्राधिकरण  
Central Electricity Authority  
विद्युत संचार विकास प्रभाग  
Power Communication Development Division  
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CEA Case No.: KNK-930 :	dt. 13.12.21
PTCC proposal of LILO of 220 kV D/C line on MC towers from existing 220 kV Lingapura to Kushtagi SC line to the proposed 220/110/11 kV S/S at Gangavathi (Sulekal) in Gangavathi Taluk, Koppal district.: 12.850 km	

Reference:		
S. No.	Reference No.	Dated
(i)	KPTCL: CEE/SLDC/PTCC/F-3013/16257-65	03.01.2020
	KPTCL: CEE/SLDC/PTCC/F-3013/13239-41	03.03.2021
(ii)	BSNL: SR-PTCC/SKT-2682/4	23.09.2020
(iii)	South Western Railway: SG/SWR/PTCC/F-3013/2012	18.02.2020
(iv)	Defense: B/46937/Sigs 7(b)/1945	17.02.2020

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 vide above reference (iii) has intimated that there is no railway line within the vicinity of 8 km from the proposed power line and given their consent for PTCC route approval for the proposed power line. The Defense authority have 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 RAGHUVENDRA PRATAP SINGH  
Date: 2021.12.13 15:52:52 IST

Director

To,

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

M/c

(Annex-I)

KNK-930

Case No. SKT-2682

SSA: Raichur

Name of the power line: Proposal for 220KV DC LILO on MC Towers from the existing 220KV Lingapura-Sindhaur SC Line and existing 220KV Lingapura-Kushtagi SC line to the proposed 220/110/11KV SS at Gangavathi(Sulekal) in Gangavathi Taluk, Koppal Dist

Length of Power Line 12.850Kms

Average SR value : 24918.14 ohm-cms

Type of BSNL cable: PIJF

Sl.No.	Name of Telecom line	LOP in KM/s	MC in Ohms	FC in Amps	IV in Volts
1 (A)	Kanakagiri Telephone Exchange Cables				
1	Exge to Navali Circle (A-A1)	} IV			
2	Exge to Hulhyder road (A-A1-B)				
3	Exge to Navali Road (A-A1-C)				
4	Exge to Gangavathi Road (A-A1-D)				
5	Exge to Ambedkar Circle (A-E)				
6	Exge to KEB Station (A-F)				
7	Exge to Post Office (A-A1-G)				
			than 430V		

Prateek

Prateek  
 प्रतीक श्रीवास्तव / PRATEEK SRINASTAVA  
 सहायक निरीक्षक-II / Asstt. Director-II  
 क्षेत्रीय विद्युत निरीक्षण / C.E.-A.  
 विद्युत मंत्रालय / Ministry of Power  
 भारत सरकार / Govt. of India  
 नई दिल्ली / New Delhi

Tele : 23019746

KNF-936  
(Annex-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)/1945

17 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 220KV DC LILO LINE ON MC TOWERS FROM THE EXISTING 220KV  
LINGAPURA-SINDHANOOR SC LINE AND EXISTING LINGAPURA-KUSHTAGI SC LINE TO  
THE PROPOSED 220/110/11KV SS AT GANGAVATHI (SULEKAL) IN GANGAVATHI TALUK,  
KOPPAL DISTRICT

1. Ref your letter No CEE/SLDC/ PTCC/F-3013/-16257-65 dt 03 Jan 2020 (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

Director, Power Transmission (PTCC)

for information