



भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
विद्युत संचार विकास प्रभाग
Power Communication Development Division

CEA Case No.: KNK-957 :

PTCC proposal of construction of 220 kV LILO line on MC towers from existing 220 kV Basavana Bagewadi- Lingasagur DC line (Ckt-1) to proposed 220 kV switching station at Siddapura village in Muddebihal Taluk, Vijayapura District for arranging Power Supply to KBJNL, LIS: 3.355 km

dt. 13.12.21

Reference:

S. No.	Reference No.	Dated
(i)	KPTCL: CEE/SLDC/PTCC/F-3120/10900-09 (and details received via mail dated 02.12.2021)	11.01.2021
(ii)	BSNL: SR-PTCC/SKT-2884/4	27.02.2021
(iii)	South Western Railway: SG/SWR/PTCC/F-3120/2117	07.04.2021
(iv)	Defense: B/46937/Sigs 7(b)/2299	25.02.2021

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.

Digitally signed by RAGHVEN PRA PRATAP SINGH
Date: 2021.12.13 16:21:06 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.	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

M/C

(Annexure -I)

Case No.SKT-2884 / F3120

SSA: Bijapur

Name of the power line: Proposed 220KV LILO line on MC Towers from existing 220KV Basavana Bagewadi - Lingasaguru DC line [Ckt-I] to proposed 220KV Switching Station at Siddapura Village in Muddebihal Taluk Vijayapura District for arranging power supply to KBJNL, LIS

Length: 3.355 Kms
Average SR value : 24554.8 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	NALATWAD EXCHANGE (A) Exge to Muddebihal Road (A-A1)	}	}	}	}
2	Exge to Narayanpur Road (A-A2)				
3	Exge to Nalatwad Village (A-A3)				

IV less than 430V

R. S. TANUJ

सहायक निदेशक-II/Asst. Director-II
राज्य विद्युत निगम/राज्य/ C.E.A.
विद्युत मंत्रालय/Ministry of Power
भारत सरकार/Govt. of India
नई दिल्ली/New Delhi-66

(1/2)

Case No. SKT-2884 / F3120

SSA: Gulbarga

Name of the power line: Proposed 220KV LLO line on MC Towers from existing 220KV Basavana Bagewadi - Lingasaguru DC line [Ckt-I] to proposed 220KV Switching Station at Siddapura Village in Muddebihal Taluk Vijayapura District for arranging power supply to KBJNL, LIS.

Length:

3.355

Kms

Average SR value : 24554.8 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

Narayanpura Exchange (A)

Exge to UKP Camp (A-A1)

IV

less

than

430 V

(2/2)

सहायक निदेशक-II/असि. डायरेक्टर-II
कोषीय विद्युत अधिकारी/C.E.A.
विद्युत विभाग/Ministry of Power
भारत सरकार/Govt. of India
नई दिल्ली/New Delhi-66

Tele : 23019746

KNK-957 (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)/2299

25 Feb 2021

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

PROPOSED 220KV LILO LINE ON MG TOWERS FROM EXISTING 220KV
BASAVANA BAGEWADI-LINGASAGURU DC LINE [CKT-II] TO PROPOSED
220KV SWITCHING STATION AT SIDDAPURA VILLAGE IN MUDDEBIHAL
TALUK VIJAYAPURA DISTRICT FOR ARRANGING POWER SUPPLY TO
KBJNL, LIS

1. Refer your letter No CEE/SLDC/PTCC/F-3120/10900-09 dt 11 Jan 2021 (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

The DET (PTCC), Northern Zone
O/o PGM (North), QA & Inspection Circle,
D-Tax Building, Eastern Court, Janpath
New Delhi-110001

for information