



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.: KER-333
PTCC proposal for 220 kV DC LILO line from Valupara Loc. No.30 of 220 kV DC Saharigiri – Ambalamugal line to proposed 220 kV Kakkad substation; 1.66 km

Reference:		
S. No.	Reference No.	Dated
(i)	KSEBL: DCE(TS)/EEII/AEEVIII/PTCC/220/110 kV MCMV Transgrid Sabariline & S/S/2019-20/1211	17.08.2019
(ii)	BSNL: SR-PTCC/SKL 2692/10	28.05.2021
(iii)	Southern Railway: W.384/3/4/562	22.08.2019
(iv)	Defense: B/46937/Sigs 7(b)/1812	28.11.2019

The PTCC proposal submitted vide reference (i) has been examined. The LF induction on telecom lines of BSNL with respect to details furnished vide above reference (ii) has been computed. The voltages likely to be induced on paralleling telecom lines of BSNL under Single Line to Ground fault condition are enclosed at Annexure-I. The screening factors, as applicable, have been considered. Southern Railway, vide reference (iii), has intimated that no railway lines lie within 8 km boundary around the proposed power line and given their consent for the PTCC route approval of the proposed power line. The Defense Authority have accorded NOC vide above reference (iv) for the proposed power line (a copy enclosed as Annexure-II).

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

Encl.: As above.

Signature Not Verified

Digitally signed by RAGHVENDRA PRATAP SINGH
Date: 2021.12.06 17:13:35IST

Director

To,

1.	Divisional Engineer (PTCC), Southern Zone.	BSNL, Inspection Circle, 1st Floor, Raj Bavan Exchange No. 26, Sardar Patel Road, Guindy, Chennai-600032	
3.	Deputy Chief Engineer (Tech)	KSEBL; O/o Chief Engineer (Transmission South), Vydyuthi Bhavanam, Pattom, Thiruvananthapuram-695004.	Copy for information

MIC

CER Case No.: KER-333

Annex-I

Case No. SKL 2692		SSA: THIRUVALLA			
Name of the power line: FTCC Proposal for 1.66 Km 220 KV DC line from Velapura Loc.No:30 of SBAM line to the Proposed 220 KV Kakkad Sub-Station.					
Length:		1.66 Kms			
SR value : 10000 10000 Ω cm Type of BSNL cable: PIJF					
Sl.No.	Name of Telecom line	LOP in KMs	MC in Ohms	FC in Amps	IV in Volts
I E1	SEETHATHOODE TELEPHONE EXCHANGE				
1	Exge to Urumbini Pillar.P2 to Innerzone Pillar.P31				
2	Exge to Kampiline Pillar.P6 to Aliyanmukku Pillar.P5				
3	Exge to Parakkudimukku Pillar.P7				
4	Exge to Kochukoickal Pillar.P8				
5	Exge to Kaithakuzhy Pillar.P9 to Moonnukallu Pillar.P12				
6	Exge to Innerzone Pillar.P32				
7	Exge to Innerzone Pillar.P33				
8	Exge to Moonnukallu Pillar.P12				
9	Exge to Vettolipady Pillar.P10				
10	Exge to Seethakuzhy Pillar.P14				
11	Exge to Kaithakuzhy Pillar.P9 to Seethakuzhy Pillar.P11				IV less than 430 V
II E29	CHITTAR TELEPHONE EXCHANGE				
1	Exge to Old Bus Stand Pillar.P13 to Innerzone Pillar.P34				
2	Exge to Kodalimukku Pillar.P14				
3	Exge to School Pillar.P18 to Mangalakudy Pillar.P19				
4	Exge to Fashion Pillar.P15 to Thekkekkara Pillar.P16				
5	Exge to Factorypady Pillar.P20				
6	Exge to Neelipilavu Pillar.P21				
7	Exge to Benjaminpara Pillar.P22				
8	Exge to Meenkuzhy Pillar.P27				
III E25	VAYYATTUPUZHA DLC TELEPHONE EXCHANGE				
1	Exge to Societypady Pillar.P23				
2	Exge to Pulayanpara Pillar.P24				
IV E30	ANGAMOOZHY DLC TELEPHONE EXCHANGE				
1	Exge to Maveli Pillar.P4				
2	Exge to Angamoozhy Junction Pillar.P3				

Prateek

प्रतीक श्रीवास्तव/PRATEEK SRIVASTAVA
 सहायक निदेशक-II/Asst. Director-II
 केन्द्रीय विद्युत प्राधिकरण/C.E.A.
 विद्युत मंत्रालय/Ministry of Power
 भारत सरकार/Govt. of India
 नई दिल्ली/New Delhi

Tele : 23019746

KER-333
Cross check

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

Annex-TE

B/46937/Sigs 7(b)/1812/

28 Nov 2019

Office of the Chief Engineer (Transmission South)
Kerala State Electricity Board Limited
Vydyuthi Bhavanam, Pattom
Thiruvananthapuram-695 004, Kerala

CONSTRUCTION OF 220KV DC AND 220/110KV MCMV LINES UNDER TRANSGRID SABARI
LINE AND SUBSTATIONS PACKAGE-PTCC CLEARANCE

1. Ref your letter No DCE(TS)/EEII/AEE VIII/PTCC/220/110kV MCMV Transgrid Sabariline & s/s/2019-20/1211 dt 17 Aug 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 (Comd)
for SO-in-C

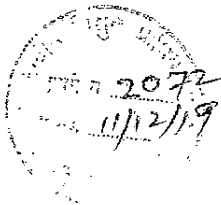
Enclosures : (As above)

Copy to :-

The Director (PTCC), CEA
Power Communication Development Division
NRPC Complex, 48-A Shaheed Jeet Singh Marg
Kaiwaria 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



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