



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. : GUJ-805:

Date: 04/03/2021

PTCC proposal of 220 KV S/C Overhead transmission line on D/C tower from 220 kV Chhugur PSS (SKRPL) to 765/400/220 kV Bhuj-II PS (PGCIL) at Kotda Jadodar.

Reference:		Dated
S. No.	Reference No.	
(i)	M/s SKRPL : SITAC/PTCC/001	19.09.2020
(ii)	BSNL: IC/MBI/PTCC/GJ-2847	31.12.2020
(iii)	Western Railway: SG.158/28/12/1139	11.11.2020
(iv)	Defense: B/46937/ Sigs 7(b)/2177	10.12.2020

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. Western Railway vide reference (iii) has intimated that railway lines are out of 8 km area 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.

म.स.स. 03.03.21
 Director

To,

1.	Divisional Engineer (PTCC), Western Zone	BSNL, Inspection Circle, 3 rd Floor, D-Wing, BSNL Admin Building, Juhu Tara Road, Santacruz (West), Mumbai-400054.	Annexure -I & Annexure-II
2.	M/s Sitac Kabini Renewables Pvt. Ltd.	507-508, Ashoka Estate, 24 Barakhamba Road, New Delhi-110001.	Copy for information

GJ-2847 (Annexure-I)

CEA

CEA office case No: GJ-805		Map Scale: 1 Cm=500 Meters.			
DET (PTCC) Office Case No: 2847		Route Length: 59.0 Kms			
Railway Office Case No:		Soil Resistivity: 500 Ohm-Cm			
Name of Power Line: 220 KV SLT overhead line from SKRPL's 220 KV Chugra PS to RGCL's 767/400/200 KV Rhy. Vill. Kotda Tadod		Details from Power Company/Authority			
Telecom Details from BSNL		Details from Power Company/Authority			
Sl No.	Name of the Telecom Cable/Line	Length of Parameter in Km	Mutual coupling in Ohms	Fault current in Amp	Induce Voltage Volts
1.	Kotda Tadoda Exch				
1A	" to local 100px1, 50px1				
2A	" to local 100px1, 50px2				
3A	" to local 100px1, 50px1, 20px2				
2.	Kadiya mata Exch				
1B	" to Kadiya nama 100px1				
2B	" to Kadiya 50px1				
3.	Khambhadi Mata Exch				
1C	" to local 100px1, 20px4				
2C	" to Khambhadi nani 20px1				
4.	Dayapan Exch				
1D	" to local 800px1, 100px2, 50px4				
2D	" to 400px1, 100px2				
5.	Gaduli Exch				
1E	" to local 400px1, 50px1, 20px2				
2E	" to local 20px4				
6.	Dawarera Exch				
1F	" to local 800px1, 200px1, 100px2				
2F	" to local 200px1, 100px1, 50px2				
7.	Netra Exch				
1G	" to local 800px1, 200px1, 100px2				
2G	" to local 200px1, 100px2, 50px2				

IV less than 430 V

[Signature]

रजनीश/TANUJ
 सहायक निरीक्षक-II/असत/Division-II
 क्षेत्रीय कार्यालय/CEA
 विद्युत मंत्रालय/Ministry of Power
 भारत सरकार/Govt. of India
 नई दिल्ली/New Delhi-66

Tele : 23019746

GUJ-805

(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)/2177/

10 Dec 2020

Sitac/Kabini Renewables Private Limited
507-508, Ashoka Estate, 24 Barakhamba Road
New Delhi-110001, India

PTCC APPROVAL OF 220KV S/C OVERHEAD TRANSMISSION LINE ON D/C TOWER
FROM SKRPL'S 220KV CHHUGER PSS TO PGCIL'S 765/400/220KV BHUJ-II PS, VILLAGE-
KOTDA JADODAR

1. Ref your letter No SITAC/PTCC/001 dt 19 Sep 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 (Comd)
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, Janpath
New Delhi-110001

} for information