



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-785:
PTCC proposal of 220 KV D/C transmission line from 220/33 kV Pooling Substation of Avikaran Solar India Pvt. Ltd. (ASIPL) Wind Farm to PGCIL Bhuj PSS.

Reference:		
S. No.	Reference No.	Dated
(i)	M/s ASIPL : ASIPL/2019-20/PTCC/0001	20.05.2019
(ii)	BSNL: IC/MBI/PTCC/GJ-2848	31.12.2020
(iii)	Western Railway: SG158/28/12/I138	06.11.2020
(iv)	Defense: B/46937/ Sigs 7(b)/1834	31.10.2019

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. 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.

राजेश्वर प्रताप सिंह
Digitally signed by PRATAP SINGH
PRATAP SINGH
Date: 2021.03.03 14:16:56 IST

Director

MIC

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 Avikaran Solar India Pvt. Ltd.	12 th Floor, Crescent 1, Prestige, Shantiniketan, ITPL Main Road, Hoodi, Whitefield, Bengaluru-560048.	Copy for information

GJ-2848

(GJ-785) Ammerline-I

CEA office case No:		Map Scale: 1 Cm = 500 Meters			
(PTCC) Office Case No: 2848		Route Length: 82.190 Kms			
Railway Office Case No:		Soil Resistivity: 2000 Ohm-Cm			
Name of Power Line: 220 kv overhead line between ASIPL Pooling station (Baranda) and PGCL Bhuji Pooling station.					
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	Induced Voltage in Volts
1.	Nakhadama Exch				
1A	" to local 400 PXL, 200 PX2, 50 PX2				
2A	" to local 200 PX2, 50 PX2				
3A	" to Vizani 100 PXL				
2.	Nome Angiya Exch				
1B	Nome Angiya Exch to Nagalpar 50 PXL				
3.	Devisar Exch				
1C	Devisar Exch to local 50 PXL, 20 PXL				
4.	Kotda Tadodar Exch				
1D	" to local 100 PXL, 50 PXL				
2D	" to local 100 PXL, 50 PX2				
3D	" to local 100 PXL, 50 PXL, 20 PX2				
5.	Kadiya Mota Exch				
1E	" to Kadiya Nama 100 PXL				
2E	" to Tadiya 50 PXL				
6.	Khombhedi Mota Exch				
1F	" to local 100 PXL, 20 PX4				
2F	" to Khombhedi Nani 20 PXL				
7.	Nirona Exch				
1G	Nirona Exch to local 100 PXL, 20 PX2				
2G	" to local 50 PXL				
3G	" to local 50 PXL, 20 PXL				
8.	Pachrapar Exch				
1H	" to local 800 PXL, 200 PXL, 100 PX2				
2H	" to local 200 PXL, 100 PXL, 50 PX2				
9.	Netra Exch				
1I	" to local 800 PXL, 200 PXL, 100 PX2				
2I	" to local 200 PXL, 100 PX2, 50 PX2				

IV less than 430V

(Annexure - II)

Te. 23019746

GUT - 785

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

31 Oct 2019

B/46937/Sigs 7(b)/1834/

Avikiran Solar India Private Limited
12th Floor, Crescent 1, Prestige
Shantiniketan, ITPL Main Road, Hoodi,
Whitefield, Bengaluru-560 048
Karnataka

PTCC APPROVAL FOR LAYING OF 220KV OVERHEAD LINE UNDER ELECTRICITY ACT
2003 (220KV EHV TRANSMISSION LINE FROM AVIKIRAN SOLAR INDIA PVT LTD WIND
FARM POOLING SUBSTATION TO BHUJ POOLING SUBSTATION OF PGCIL 765/400/220KV
SS, DIST. KUTCH, GUJARAT

1. Ref your letter No ASIPL/2019-20/PTCC/0001 dt 20 May 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 Jee 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