



सत्यमेव जयते

**भारत सरकार**  
**Government of India**  
**विद्युत मंत्रालय**  
**Ministry of Power**  
**केन्द्रीय विद्युत प्राधिकरण**  
**Central Electricity Authority**  
**विद्युत प्रणाली संचार विकास प्रभाग**  
**Power System Communication Development**  
 \*\*\*\*\*



<b>CEA Case No.: KNK-1204</b>		
<b>Induced Voltage (IV) calculation for PTCC proposal of 220 KV SC line from M/s Solarcraft Power India 7 Pvt Ltd 220/33 KV PSS, Hiroli to PGCIL's 400/220 KV (ISTS) Solapur PS (40.219 km)- regd.</b>		
<b>S.No.</b>	<b>Reference</b>	<b>Dated</b>
(i)	SCPI7PL: SCPI7PL/HIR-CHI/300.3MW/PTCC-1	27.09.2025
(ii)	SCPI7PL: Email Emd Parameters	10.03.2026
(iii)	BSNL: SR-PTCC/KNK1204/5	19.02.2026
(iv)	Central Railway: N.705/T/PTCC/220kV/MAH-992	30.01.2026
(v)	Defense: B/46937/Sigs 7(b)/5275	18.12.2025

The PTCC proposal submitted vide above reference(s) (i) and (ii) has been examined. DET (PTCC), Southern Zone (Bangalore) vide reference (iii) and GM(S&T) (Central Railway) vide reference (iv) above has given NOC.

ADG (Telecommunications) has issued No Objection Certificate (NOC) vide reference (v) above (attached as Annexure).

EPR Zones for proposed substations are mentioned below.

Name of the proposed SS	Half Diagonal Distance, D/2 (mts)	Fault Current, I (kA)	Resistance of earthmat, R (Ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7 kV	d (mts) at 10 kV
220/33 kV SCPI7PL PSS	123.7	49.28	0.5	6967	4567	312	181
400/220 kV PGCIL ISTS AIS	194.5	50	0.05	936	554	NA	NA

As per the details submitted by BSNL vide reference (iii) above, no telephone exchanges are falling in the EPR zone of the proposed substation.

Taking above into consideration, necessary action for issuance of PTCC route approval (RAC) shall be taken under intimation to this office in the stipulated period as specified in PTCC Manual and subsequent CLPTCC meetings.

As per the decision taken in 111th and 112th CLPTCC meeting, necessary instructions for “*Deemed Energization approval*” shall be specified while issuing RAC  
Encl.: As above

**Chief Engineer**

**To,**

1.	DET (PTCC), Southern Zone	BSNL, Inspection Circle, 2nd Floor, Sanchar Complex, WMS Compound, Jayanagar 5th Block, 9th Main, 47th Cross, Bangalore-560041	
2.	M/s Solarcraft Power India 7 Pvt Ltd	1st Floor, Tower C Building, 10 DLF Cyber City Phase-II, DLF Gurgaon, Haryana-122002	Copy for information

Directorate General of Signals (Signals-7)  
General Staff Branch  
Integrated HQ of MoD (Army)  
DHQ PO, New Delhi -11

KNK-1204

B/46937/Sigs-7(b)/5275 dt 18 Dec 2025

M/S SOLARCRAFT POWER INDIA  
21 PRIVATE LIMITED  
109, First Floor, Rishabh IPEX Mall,  
IP Extension Patparganj, Delhi-110002

**PTCC APPROVAL REQUEST FOR LAYING OF 220 KV OVER-HEAD S/C  
LINE ON D/C TOWERS FOR 300.3 MW WIND ENERGY PROJECT UNDER  
ELECTRICITY ACT 2003**

1. Ref your letter No SCP17PL/HIR-CHI/300.3MW/PTCC-1 dt 30 Oct 2025.
2. No Objection Certificate (NOC) is **accorded** based on inputs provided as per Map sheet received vide your letter mentioned above.
3. Documents alongwith map sheets (in original) are returned herewith for your further necessary action.



(Puneet Lakhanpal)  
Lieutenant Colonel  
General Staff Officer Grade-1 (Communication)  
for Additional Director General (Telecommunication)

**Encls:** As above

**Copy to:-**

HQ Southern Comd (Sigs)

Chief Engineer, PSCD Division  
Central Electricity Authority  
Room No 702 (North Wing)  
Sewa Bhawan, RK Puram, Sector-1  
New Delhi-110 066

for info pl.

Sh Anshu (DD)  
06/01/26

Central Electricity Authority  
PSCD Division  
Diary No. 2034  
Date 30-12-25