



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



CEA Case No.: GUJ-1085		
Induced Voltage (IV) calculation for PTCC proposal of 220 KV S/C line on DC and MC tower from 220 kV SPEPL (Generation switchyard located in village Padan, taluka Suigam, Dist. Banaskantha) to 220 kV Radhanesda PS (20.5 km)- regd.		
S.No.	Reference	Dated
(i)	SPEPL: SPEPL/PTCC 220kV Line/001	03.12.2025
(ii)	BSNL: IC/MBI/PTCC/Offline/GUJ-3189	09.01.2026
(iii)	Western Railway: SG.158/28/12/1734	27.01.2026
(iv)	Defense: B/46937/Sigs 7(b)/5492	10.02.2026

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

ADG (Telecommunications) has issued No Objection Certificate (NOC) vide reference (iv) 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 kV SPEPL Switching yard	76	50	0.03	189	99	NA	NA

As per the details submitted by BSNL vide reference (ii) 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), Western Zone	QA & Inspection circle, 1st floor, D- wing, BSNL Admin Bldg., Juhu Tara Road, Santacruz (West), Mumbai-400057	
2.	M/s Sprng Power Earth Pvt Ltd	A-001, Upper Ground, P-5 Pentagon Tower, Magarpatta City, Hadapsar, Pune-411013	Copy for information

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

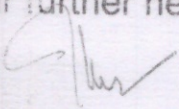
GUJ-1084

B/46937/Sigs-7(b)/5492 dt 10 Feb 2026

M/S SPRNG POWER EARTH PRIVATE LIMITED
A-001, Upper Ground, P-5 Pentagon Tower
Maharpatta City, Hadapsar, Pune-411 013
Mob 8154818180

SUBMISSION OF PROPOSAL FOR PTCC ROUTE APPROVAL OF PROPOSED SPEPL (GENERATION SWITCH YARD AT LOCATED IN VILLAGE-PADAN, TALUKA-SUIGAM, DIST.-BANASKANTHA, GUJARAT) - RADHANESDA PS 220KV S/C LINE ON D/C TOWERS, HAVING ROUTE LENGTH OF 20.5 KMS. [THE TOTAL LINE LENGTH IS 20.5 KM, OUT OF WHICH ABOUT 2-3 KM FROM RADHANESDA PS END WOULD BE IMPLEMENTED AS S/C LINE ON M/C TOWERS]

1. Ref your letter No SPEPL/PTCC 220KV LINE/001 dt 03 Dec 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)

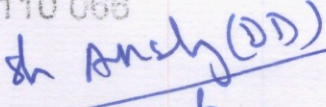
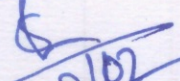


Copy to:-

HQ Southern Comd (Sigs)
PIN -908541
C/o 56 APO

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

For info pl.



20/02

Central Electricity Authority

PSCD Division

Diary No. 493

Date 16-2-2026