



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 Division

CEA Case No. : MP-519		
Induced Voltage (IV) Calculation for PTCC proposal of 220 kV S/C line on D/C and M/C towers from 400/220 kV Rajgarh GSS (PG) to 220/33 kV PSS of M/s Sprng Vayu Vidyut Private Limited (Length: 30 km)		
S. No	Reference No.	Dated
(i)	SVVPL/MP/PTCC/2023-24/001	21.04.2024
(ii)	BSNL: IC/MBI/PTCC/MP	14.11.2024
(iii)	Western Railway: SG.158/28/10/L-298	22.05.2024
(iv)	Defense: B/46937/Sigs7(b)/3886	25.06.2024

The PTCC proposal submitted vide reference (i) has been examined. DET, PTCC (WZ), BSNL vide reference (ii), GM, S&T, Western Railway vide reference (iii) and DG Signals, MoD vide above reference (iv) have issued their No Objection Certificate (NOC) for charging of the line.

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 PSS of M/s Sprng Vayu Vidyut Private Limited	82.83	20	0.03	33	NA	NA	NA

As per the details submitted by BSNL, No Telephone exchange is falling within the EPR zone of 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.	Divisional Engineer (PTCC), Western Zone	QA & Inspection circle, 1 st floor, D- wing, BSNL Admin Bldg., Junu Tara Road, Santacruz (West), Mumbai-400054	
2.	M/s Sprng Vayu Vidyut Private Limited	Unit No. FF-48 A, First Floor, Omaxe Square, Plot No. 14, Jasola District Centre, New Delhi – 110 025	Copy for information

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

MP-519


B/46937/Sigs 7(b)/3886

O/o Sub Divisional Engineer PTCC
Bharat Sanchar Nigam Limited
QA & Inspection Circle, 2nd Floor
Govindpura Telephone Exchange Building
Govindpura Bhopal (M.P.)-23

95 Jun 2024

**PTCC ROUTE APPROVAL FOR 220KV EHV S/C LINE FROM 400/220KV
RAJGARH PGCIL SUBSTATION TO M/S SPRNG VAYU VIDYUT PVT LTD 220/33
KV POOLING SUBSTATION VILLAE HAJRATPUR IN DISTRICT DHAR M.P.**

1. Ref your letter No TM/PTCC/RA-33kv/MP-1104 dt 23 Apr 2024. (copy att)
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)

Enclosures : As above

Copy to :-

Chief Engineer, PSCD Division
Central Electricity Authority
Room No 702 (North Wing)
Sewa Bhawan, R.K. Puram, Sector-1
New Delhi-110066

- for information

The DET(PTCC), Northern Zone
Bharat Sanchar Nigam Limited
O/o PGM (North), QA & Inspection Circle,
D-Tax Building, Eastern Court, Janpath
New Delhi-110001

केन्द्रीय विद्युत प्राधिकरण
पी.सी.डी. प्रभाग
आयरी संख्या...
दिनांक... 10-7-24

Sh Anshy (DD)
11/7