

I/34197/2024



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.: GUJ-867		
Induced Voltage (IV) calculation for PTCC proposal of 220 kV S/C line from 400 kV Shapar SS of GETCO to 220/33 kV Pooling SS of M/s Enren Energy Private Ltd. (Length: 0.202 Kms)		
S. No	Reference No.	Dated
(i)	EEPL/2023-24/220kV/PTCC/001	26.11.2023
(ii)	BSNL: IC/MBI/PTCC/GUJ-WGJ-100120245483/ WGJ-100120245486/ WGJ-100120245487/ WGJ-100120245489/ WGJ-100120245488/ WGJ-160120245514	22.01.2024
(iii)	Western Railway: SG.158/28/12/1363	26.12.2023
(iv)	Defense: B/46937/Sigs 7(b)/3622	19.02.2024

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 reference (iv) have issued their No Objection Certificate (NOC) for charging of the line.

EPR zone for the proposed substation is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (KA)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
220/33 kV PSS of M/s HR Sabarmati Pvt Ltd.	79.2	28	0.2	952	603	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 regarding issuance of PTCC approval for the subject cited transmission line may be taken under intimation to this office.

**Chief Engineer**

I/34197/2024

To,

1.	Divisional Engineer (PTCC), Western Zone	QA & Inspection circle, 1 <sup>st</sup> floor, D- wing, BSNL Admin Bldg., Junu Tara Road, Santacruz (West), Mumbai-400054	
2.	M/s Enren Energy Private Ltd.	Unit No. 3, 4 & 5, Sixth Floor, Fountainhead Tower-2, Viman Nagar, Pune 4110 014	Copy for information