



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-894		
Induced Voltage (IV) Calculation for PTCC proposal of 220 kV S/C line on D/C and M/C towers from 220/33 kV Wind Power PSS of M/s INOX Green Energy Services Limited at Samanda Village, Bhuj to 220 kV Bhuj-II S/s (Length: 7.2 km)		
S. No	Reference No.	Dated
(i)	INOX/Solar Line/PTCC/2024-25/001	06.07.2024
(ii)	BSNL: IC/MBI/PTCC/GUJ-2970	03.09.2024
(iii)	Western Railway: SG.158/28/12/1406	31.07.2024
(iv)	Defense: B/46937/Sigs7(b)/4070	02.09.2024

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 Wind Power PSS of M/s INOX GESL, Samanda Village, Bhuj	127.9	30	0.203	1684	1070	NA	NA

Taking above into consideration, necessary action for issuance of PTCC route approval (RAC) shall be taken under intimation to this office.

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, 1st floor, D- wing, BSNL Admin Bldg., Junu Tara Road, Santacruz (West), Mumbai-400054
2.	M/s INOX Green Energy Services Limited	INOX Towers, Plot No. 17, Sector-16 A, Noida – 201 301