



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-946		
Induced Voltage (IV) calculation for PTCC proposal of 400 kV S/C line on D/C towers from 400/33 kV 1050 MW Hybrid RE PSS-07 of M/s AGEL to Khavda PS-1 (Length: 20.5 km)		
S. No	Reference No.	Dated
(i)	AGEL/KHAVDA/PTCC/PSS-07/2025/02	27.02.2025
(ii)	E-mail	14.05.2025
(iii)	BSNL: NO. IC/MBI/PTCC/GUJ-3061	29.04.2025
(iv)	Western Railway: SG.158/28/12/1471	15.04.2025
(v)	Defense: B/46937/Sigs-7(b)/4585	17.04.2025

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 ADG (Telecommunication), Ministry of Defense vide reference (iv) has submitted their 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
400/33 kV 1100 MW Hybrid RE PSS-12 of M/s SRPL	122	63	0.00798	21	NA	NA	NA

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.

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 Adani Green Energy Limited	Adani Corporate House, Shantigram, Near Vaishno Devi Circle, S G Highway, Ahmedabad – 382 421