



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**

\*\*\*\*\*

<b>CEA Case No. : GUJ-945</b>		
<b>Induced Voltage (IV) calculation for PTCC proposal of 400 kV S/C line on D/C and M/C towers from 400/33 kV 1325 MW Hybrid RE PSS-13 of M/s AGEL to Khavda PS-3 (Length: 20 km)</b>		
<b>S. No</b>	<b>Reference No.</b>	<b>Dated</b>
(i)	AGEL/KHAVDA/PTCC/PSS-13/2025/01	26.02.2025
(ii)	E-mail	14.05.2025
(iii)	BSNL: NO. IC/MBI/PTCC/GUJ-3062	29.04.2025
(iv)	Western Railway: SG.158/28/12/1469	15.04.2025
(v)	Defense: B/46937/Sigs-7(b)/4584	22.04.2025

The PTCC proposal submitted vide reference (i) and (ii) has been examined. DET (PTCC), WZ, BSNL vide reference (iii), GM (S&T), Western Railway vide reference (iv) and ADG (Telecommunication), Ministry of Defense vide reference (v) 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 1325 MW Hybrid RE PSS-13 of M/s AGEL	122	63	0.00798	21	NA	NA	NA
765/400 kV Khavda PS-3	205.4	44.1	0.09	1690	1049	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 111<sup>th</sup> and 112<sup>th</sup> 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 <sup>st</sup> 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