



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

CEA Case No. : GUJ-910		
Induced Voltage (IV) calculation for PTCC proposal of 400 kV S/C line from AGEL 1050 MW Solar Power Project to Khavda PS (KPS-3) (16.5 km)- regd.		
S. No	Reference No.	Dated
(i)	AGEL: AGEL/Khavda/PTCC/PSS-08/2024/02	25.10.2024
(ii)	BSNL: IC/MBI/PTCC/GUJ-3014	11.02.2025
(iii)	Western Railway: SG.158/28/12/1433	11.12.2024
(iv)	Defense: B/46937/Sigs 7(b)/4270	22.01.2025

The PTCC proposal submitted vide above reference (i) has been examined. DET (PTCC), WZ, Mumbai has issued NOC vide reference (ii) above. General Manager (S&T), Western Railway has issued NOC vide reference (iii) above.

ADG (Telecommunications) has issued No Objection Certificate (NOC) vide reference (iv) above (attached as Annexure –I).

EPR Zones for proposed substation 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
400kV AGEL 1050 MW Solar Power Project	122	63	0.008	21	NA	NA	NA

As per the details submitted by BSNL vide reference (ii) above, no telephone exchange is falling in the EPR zone of the 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., Juhu Tara Road, Santacruz (West), Mumbai-400054	
2.	AGEL	Adani Corporate House, Shantigram, Nr. Vaishno Devi Circle, SG Highway, Khodiyar, Ahmedabad-382421	Copy for information

Guj-910

Annexure I

Directorate General of Signals
(Signals 7)
General Staff Branch
Integrated HQ of MoD (Army)
Room No
DHQ PO, New Delhi - 110011

B/46937/Sigs-7(b)/4270

22 Jan 2025

"Adani Corporate House"
Shantigram, Nr. Vaishno Devi Circle
S G Highway, Khodiyar
Ahmedabad-382421 (Gujarat)
Mob- 7575070405

**SUBMISSION OF PROPOSAL FOR PTCC ROUTE APPROVAL OF
ADANI GREEN ENERGY LIMITED FOR AGEL 1050MW SOLAR
POWER PROJECT S/S TO KHAVDA PS (KPS-3) 400KV S/C LINE ON
D/C TOWER, M/C TOWER -16.5KMS**

1. Ref your letter AGEL/KHAVDA/PTCC/PSS-08/2024/02 dt 25 Oct 2024.
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.



(Karan Dhawan)
Colonel
Colonel Signals-7
for Additional Director General
(Telecommunication)

Enclosures: As above

Internal:-

HQ Southern Comd (Sigs) - for info pl.