



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-976 | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------|
| Induced Voltage (IV) calculation for PTCC proposal of 400 kV D/C line from AGEL 1965 MW Hybrid RE Power Project (PSS-14) to Khavda PS (KPS-3) (6.5 km)- regd. | | |
| S. No | Reference No. | Dated |
| (i) | AGEL: AGEL/Khavda/PTCC/PSS-14/2025/03 | 07.05.2025 |
| (ii) | BSNL: IC/MBI/PTCC/Offline/GJ-3092 | 20.05.2025 |
| (iii) | Western Railway: SG.158/28/12/1546 | 14.07.2025 |
| (iv) | Defense: B/46937/Sigs 7(b)/4781 | 11.09.2025 |

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 1965 Hybrid RE Power Project | 201.7 | 63 | 0.3 | 8664 | 5663 | 343 | 180 |

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 |

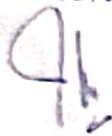
Directorate General of Signals (Signals-7)
General Staff Branch
Integrated HQ of MoD (Army)
DHQ PO, New Delhi - 11

B/46937/Slgs-7(b)/4781 dt // Sep 2025

Adani Green Energy Ltd
Adani Corporate House, Shantigram
Nr Vaishno Devi Circle, SG highway
Khodiyar, Ahmedabad-382 421

**SUBMISSION OF PROPOSAL FOR PTCC ROUTE APPROVAL OF
ADANI GREEN ENERGY LIMITED FOR AGEL 1965 MW HYBRID RE
POWER PROJECT S/S (PSS-14) TO KHAVDA PS (KPS-3) 400KV D/C
LINE ON D/C TOWER, M/C TOWER-6.5 KMS (APPROX.)**

1. Ref your letter No. AGEL/KHAVDA/PTCC/PSS-14/2025703 dt 07 May 2025.
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.


(Puneet Lakhanpal)
Lieutenant Colonel
General Staff Officer Grade- (Communication)
for Additional Director General (Telecommunication)



Encls: As above

Copy to:-

Chief Engineer, PSCD Division
Central Electricity Authority
Room No 702 (North Wing)
Sewa Bhawan, RK Puram, Sector-1
New Delhi-110 066

For Info pl.

HQ Southern Comd (Slgs)