



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-1054		
Induced Voltage (IV) calculation for PTCC proposal of 400 kV DC line by making LILO of 400 kV DC CGPL - Jetput line at 400/33 kV PSS of Adani Wind Energy Kutchh Three Limited (7 km)- regd.		
S.No.	Reference	Dated
(i)	AWEK3L: AWEK3L/Mundra North/PTCC/400kV/001	15.10.2025
(ii)	AWEK3L: Email	25.03.2026
(iii)	BSNL: IC/MBI/PTCC/Offline/GUJ-3177	23.01.2026
(iv)	Western Railway: SG.158/28/12/1685	05.12.2025
(v)	Defense: B/46937/Sigs 7(b)/5286	10.03.2026

The PTCC proposal submitted vide above reference(s) (i) and (ii) has been examined. DET (PTCC), Western Zone vide reference (iii) and GM(S&T), Western Railway vide reference (iv) above has given NOC.

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

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
400/33 kV PSS of AWEK3L	76	50	0.5	4343	2847	195	114

As per the details submitted by BSNL vide reference (iii) above, no telephone exchanges are 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.	DET (PTCC), Western Zone	QA & Inspection circle, 1st floor, D- wing, BSNL Admin Bldg., Juhu Tara Road, Santacruz (West), Mumbai- 400057	
2.	M/s Adani Wind Energy Kutchh Three Limited	Adani Corporate House, Shnatigram, 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/Sigs-7(b)/5286 dt 10 Mar 2026

Adani Renewables
Adani Corporate House, Shantigram,
Nr. Vaishno Devi Circle, SG Highway, Khodiyar,
Ahmedabad-382 421, Gujarat

**SUBMISSION OF PTCC ROUTE APPROVAL PROPOSAL - 400 KV D/C
TRANSMISSION LINE (APPROX. 7 KM)**

1. Ref your letter No AWEK3L/Mundra North/PTCC/400KV/001 dt 15 Oct 25
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-1 (Communication)
for Additional Director General (Telecommunication)



Copy to:-

HQ Southern Comd (Sigs)
PIN -908541
C/o 56 APO

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.