



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.: TN-786		
Induced Voltage (IV) calculation for PTCC proposal of 230 KV SC EHT line on DC Tower from the proposed Jindal 350 MW 230/33 KV PSS by Jindal Green Wind 1 Pvt Ltd to 400/230 KV Karur PS (38.203 km)- regd.		
S.No.	Reference	Dated
(i)	JINDAL: PTCC/JINDAL/TN/350MW/230kV-SC EHT/01	03.11.2025
(ii)	BSNL: SR-PTCC/MTN 0003/07	23.01.2026
(iii)	Southern Railway: 188020.W.384/3/6/64	09.02.2026
(iv)	Defense: B/46937/Sigs 7(b)/5307	08.01.2026

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

ADG (Telecommunications) has issued No Objection Certificate (NOC) vide reference (iv) 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
230/33 kV 350 MW Jindal PSS	131.3	24.5	0.57	4133	2690	131	52

As per the details submitted by BSNL vide reference (ii) 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), Southern Zone(Chennai)	BSNL, Inspection Circle,1st Floor, Raj Bhavan Exchange No. 26, Sardar Patel Road, Guindy, Chennai-600032	
2.	M/s Jindal Green Wind 1 Pvt Ltd	DSM-648,6th Floor,DLF Tower, Shivagi Marg,Najafgarh Road,Moti Nagar, New Delhi- 110015	Copy for information

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

TN - 786

B/46937/Sigs-7(b)/5307 dt 08 Jan 2026

Jindal Green Wind 1 Pvt Ltd
DSM-648, 6th Floor, DLF Tower,
Shivaji Marg, Najafgarh Road,
Moti Nagar, New Delhi-110015

PTCC APPROVAL FOR 230KV SC OH LINE ON DC TOWER BY USING AL-59 MOOSE CONDUCTOR AND 7/2.40MM DIA METER +24 FIBER OPGW CABLE FROM 230/33KV, 350 MW JINDAL POOLING SUBSTATIONS AT ANJAGOUNDANPATTI VILLAGE, ARAVAKURICHI TALUK, KARUR DIST, TN TO 400/230KV KARUR PS (ISTS S/S), NAME OF THE APPLICATION- M/S JINDAL GREEN WIND 1 PVT LTD

1. Ref your letter No PTCC/JINDAL/TN/350MW/230KV-SC EHT/01 dt 03 Nov 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.

(Ashish Khare)
Lieutenant Colonel
General Staff Officer Grade-1 (Communication)
for Offg Additional Director General (Telecommunication)



Encls: As above

07/01/26

Copy to:-

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

A. Srinanth (D)
S
23/01

for info pl.

Central Electricity Authority
PSCD Division

Diary No. *142*
Date *20/01/26*