



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.: AND-786		
Induced Voltage (IV) calculation in respect of PTCC proposal for 220 kV S/C line for 350 MW Hybrid Power project of M/S Ampin Energy Green Pvt. Ltd. from Wind PSS at village- Kottapalle, Nandyal distt to 220/33 kV Solar PSS at village – Uppalapadu, distt. - Nandyal (44.41 km)- regd.		
S. No	Reference No.	Dated
(i)	Ampin: Ampin/Kurnool/PTCC/030625/Line2	03.06.2025
(ii)	Ampin: Email EMD parameters	06.01.2025
(iii)	BSNL: SR-PTCC/AND211120250009(AND-786)/01	15.12.2025
(iv)	South Central Railway:SG.85/4/3/PTCC/2025-26/SCRAP 23 RC	23.07.2025
(v)	Defense: B/46937/Sigs 7(b)/4878	12.08.2025

The PTCC proposal submitted vide above references (i) and (ii) has been examined. DET(PTCC), SZ, Bangalore and SCR have issued NOC vide reference (iii) and (iv) respectively.

ADG (Telecommunications) has issued No Objection Certificate (NOC) vide reference (v) 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
Wind PSS of M/s Ampin Energy Green Pvt Ltd	144	16.8	0.7	3795	2462	98	25

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.	Divisional Engineer (PTCC), Southern Zone	BSNL, Inspection Circle, 2 nd Floor, Sanchar Complex, WMS Compound, Jayanagar 5 th Block, 9 th Main, 47 th Cross, Bangalore-560041	
2.	M/s Ampin Energy Green Pvt Ltd	309, 3 rd Floor, Rectangle One, Behind Sheraton Hotel, Saket, New -Delhi-110017	Copy for Information

AND-786

Tele: 33698

Directorate General of Signals
(Signals 7)
General Staff Branch
Integrated HQ of MoD (Army)
DHQ PO, New Delhi - 110011

B/46937/Sigs 7(b)/4878 dt 12 Aug 2025

Ampin Energy Green Pvt Ltd
309, 3rd Floor, Rectangle One, Behind Sheraton Hotel, Saket,
New Delhi-110017

APPLICATION FOR SUBMISSION OF PTCC PROPOSAL FOR PROPOSED 220 KV
OVERHEAD TRANSMISSION LINE FOR 350 MW HYBRID POWER PROJECT
DEVELOPED BY MS/ AMPIN ENERGY GREEN PVT LTD FROM WIND PSS AT
VILLAGE KOTTAPALLE, BETHAMCHERLA MANDAL, NANDYAL DISTT. ANDHRA
PRADESH TO GENERATION SOLAR PSS AT VILLAGE - UPPALAPADU, OWK
MANDAL, NANDYAL DISTT., ANDHRA PRADESH

1. Ref your letter No Ampin/Kurnool/PTCC/030625/Line 2 letter No 03 Jun 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.

[Handwritten signature]

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



[Handwritten signature]

Encl: As above

Hq Southern Comd (Sigs)
Chief Engineer, PSCD Division, CEA
Room No 702 (North Wing)
Sewa Bhawan, RK Puram, Sec 1
New Delhi-110066

For info pl.

Central Electricity Authority
PSCD Division
Diary No. 1179
Date 28/08/25

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28/08