



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-785 | | |
|---|--|--------------|
| Induced Voltage (IV) calculation in respect of PTCC proposal of 220 kV D/C line for 350 MW Hybrid Power project of M/S Ampin Energy Green Pvt. Ltd. from Solar PSS at village-Uppalapadu, Nandyal distt to 765/400/220 kV Kurnool -III ISTS SS (31.93 km)- regd. | | |
| S. No | Reference No. | Dated |
| (i) | Ampin: Ampin/Kurnool/PTCC/030625/Line1 | 03.06.2025 |
| (ii) | Ampin: Email_EMD Parameters | 25.03.2026 |
| (iii) | BSNL: SR-PTCC/AND211120250008(AND-785)/01 | 22.11.2025 |
| (iv) | South Central Railway:SG.85/4/3/PTCC/2025-26/SCRAP 22 RC | 23.07.2025 |
| (v) | Defense: B/46937/Sigs 7(b)/4879 | 12.08.2025 |

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

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 |
|-------------------------|-----------------------------------|-----------------------|----------------------------------|------------------|------------------|-----------------|------------------|
| 220/33 kV Solar PSS | 80 | 35.9 | 0.22 | 1389 | 892 | 10 | NA |

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 | |

AND-785

Tele: 33698

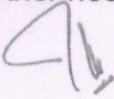
Directorate General of Signals
(Signals 7)
General Staff Branch
Integrated HQ of MoD (Army)
DHQ PO, New Delhi - 110011

B/46937/Sigs 7(b)/4879 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 GENERATION
SOLAR PSS AT VILLAGE- UPPALAPADU, OWK MANDAL, NANDYAL DISTT.,
ANDHRA PRADESH TO KURNOOL-III ISTS SUBSTATION

1. Ref your letter No Ampin/Kurnool/PTCC/030625/Line 1 letter No 03 Jun 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-I (Communication)
for Additional Director General (Telecommunication)



Encl: As above

R
12/8/25

HQ Southern Comd (Sigs)

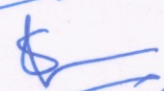
Chief Engineer, PSCD Division, CEA
Room No 702 (North Wing)
Sewa Bhawan, RK Puram, Sec 1
New Delhi-110066

For info pl.

Central Electricity Authority

PSCD Division

Diary No. Date 

Sh Anubh (DD)

28/08