



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.: MRA-1312		
Induced Voltage (IV) calculation in respect of PTCC proposal for 220kV SC line from 220 kV Harali PSS (250 MW Wind Power Project) to 220/132/33 kV MSETCL SS Narangwadi (18.904 km)- regd.		
S. No	Reference No.	Dated
(i)	JSW: JSW/Harli(250MW)/220 kV TL/MSETCL/44	09.06.2025
(ii)	JSW: Email_EMD Parameters	29.12.2025
(iii)	BSNL: IC/MBI/PTCC/MRA-2758/03	12.11.2025
(iv)	Central Railway: N.705/T/PTCC/220kV/MAH-963	29.08.2025
(v)	Defense: B/46937/Sigs 7(b)/4945	22.08.2025

The PTCC proposal submitted vide above references (i) and (ii) has been examined.

DET(PTCC), WZ (Mumbai) and Central Railway has given NOC vide references (iii) and (iv) respectively.

DG (Signals-7) 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
220 kV Harali PSS, JSW	88.35	15	0.25	682	421	NA	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), Western Zone	QA & Inspection circle, 1 st floor, D- wing, BSNL Admin Bldg., Juhu Tara Road, Santacruz (West), Mumbai-400054	
2.	M/s JSW Renewable Energy (Dolvi) Ltd.	JSW Center, Bandra Kurla Complex, Bandra (East), Mumbai -400051	Copy for Information

MRA - 1312

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

B/46937/Sigs-7(b)/4945 dt 22 Aug 2025

M/S JSW Renewable Energy (DOLVI) Ltd.
JSW Centre, Bandra Kurla Complex
Bandra (East) Mumbai-400054

PTCC PROPOSAL FOR PROPOSED 220KV OVERHEAD TRANSMISSION LINE S/C ON D/C TOWER FROM 220KV POOLING SS AT WIND POWER PROJECT SITE TO 220/132/33 KV NARANGWADI SS FOR 250 MW, WIND POWER PROJECT DEVELOPED BY M/S - JSW RENEWABLE ENERGY (DOLVI) LTD AT SITE 177, 188 HARALI TAL-LOHARA, DISTT - DHARASHIV, MAHARASHTRA

1. Ref your letter No JSW/Harli (250MW)/220 KV TL/MSETCL/44 dt 14 Jul 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.

(Digvijay D Naikavde)
Lieutenant Colonel
General Staff Officer Grade-1(Communication)
for Additional Director General(Telecommunication)



Encls: As above

2118

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

for info pl.

Sh Anubey (DA)
B
08/09

Central Electricity Authority
PSCD Division
Diary No. 1279
Date 04-09-25