



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. : TN-754 | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|------------|
| Induced Voltage (IV) Calculation for PTCC proposal of 33 kV S/C Feeder-2 on RSJ Pole from 230/33 kV Dharapuram-A PSS, Peramiyam village to JSW Wind Turbine Tapping USS Point DHP-234 (Length: 35.4 kms) | | |
| S. No | Reference No. | Dated |
| (i) | JSWREL/33kV PTCC-270MW /DPM/SC-2 | 29.06.2024 |
| (ii) | BSNL: SR-PTCC/STN 6058/05 | 15.10.2024 |
| (iii) | Southern Railway: W.384/3/6/43(TN) | 23.10.2024 |
| (iv) | Defense: B/46937/Sigs 7(b)/4036 | 15.10.2024 |

The PTCC proposal submitted vide reference (i) has been examined. BSNL vide reference (ii) has stated that “ No telecom lines/ cables or assets are existing or proposed within 6 months in paralleling distance of 5 km”. GM (S&T), Southern Railway vide reference (iii) and DG Signals, MoD vide reference (iv) have issued their No Objection certificate (NOC) for charging of the line.

EPR zone for the proposed substation is mentioned below:

| Name of the proposed Substation | Half diagonal distance , D/2 (mts) | Fault Current I (KA) | Resistance of Earth Mat, R (ohms) | d (mts) at 430 V | d (mts) at 650 V | d (mts) at 7kV | d (mts) at 10kV |
|-----------------------------------------------|------------------------------------|----------------------|-----------------------------------|------------------|------------------|----------------|-----------------|
| 230/33 kV Dharapuram-A PSS, Peramiyam village | 83.41 | 24 | 0.72 | 3269 | 2134 | 122 | 61 |
| 33/0.69 kV Wind Power unit substation | 12.14 | 10.1 | 0.65 | 165 | 105 | NA | NA |

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 may be taken under intimation to this office.

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 | O/o Chief General Manager, Core Network Transmission- South, No.11, Link Road, Ganapathy Colony, Guindy Industrial Estate, Guindy, Chennai.600 032. | |
| 3. | M/s JSW Renew Energy Limited | JSW Centre, Bandra Kurla Complex, bandra (East), Mumbai – 400 051 | For information |

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

TN-754

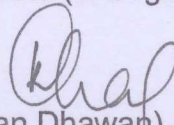
B/46937/Sigs 7(b)/4036/

15 Oct 2024

JSW Renew Energy Limited
 Regd Off: JSW Centre, Bandra Kurla Complex
 Bandra (East), Mumbai-400051

**33 KV FEEDER NO-2 PTCC PROPOSAL FOR 33 KV SC OH LINE ON RSJ POLE
 ACSS/TW – HTLS PANTHER CONDUCTOR, AL 59 PANTHER, ACSS DOG
 FROM THE 220/33 KV JSW DHARAPURAM A SUBSTATIONS AT PERAMIYAM
 VILLAGE, DHARAPURAM TK, TIRUPPUR DIST "TO JSW WIND 33KV WIND
 POWER UNIT SUB-STATION- DHP 234**

1. Refer your letter No JSWREL / 33KV PTCC-270MW/ DPM/SC-2 dt 29 Jun 24 (copy att).
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.



(Karan Dhawan)
 Colonel
 Colonel Signals-7
 for Additional Director General (Telecommunication)

Enclosures : As above


Copy to :-

The Divisional Engineer (PTCC)
 'D' Wing, 3rd Floor, Admn Bdg
 Telecom Complex,
 Juhu Tara Road,
 Santracruz West, Mumbai – 400054

- for information

Chief Engineer, PSCD Division
 Central Electricity Authority
 Room No 702 (North Wing)
 Sewa Bhawan, R.K. Puram, Sector-1
 New Delhi-110066

The DET(PTCC), Northern Zone
 Bharat Sanchar Nigam Limited
 O/o PGM (North), QA & Inspection Circle,
 D-Tax Building, Eastern Court, Janpath
 New Delhi-110001

Sh. Anshu (DD)

 28/10

Central Electricity Authority

PSCD Division

Diary No. 1365

Date 25/10/24