



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. : MRA-1271 | | |
|--|--|--------------|
| Induced Voltage calculation for PTCC proposal for 33 kV S/C Feeder-05 from 220/33 kV Pooling Substation of M/s RSRPL at Ghatnandur village, Osmanabad to 33 kV Wind Power Double pole yard tapping point RCAV-90 of RSRPL (Length: 20.2 kms). | | |
| S. No | Reference No. | Dated |
| (i) | RSPPL/RTC1-W3/33kV/PTCC/CEA/24-25/E/140 | 17.05.2024 |
| (ii) | BSNL: IC/MBI/PTCC/MRA-2672/02 | 05.08.2024 |
| (iii) | Central Railway: N.153/PTCC/33kV/MAH-904 | 22.07.2024 |
| (iv) | Defense: B/46937/Sigs 7(b)/3964 | 09.08.2024 |

The PTCC proposal submitted vide reference (i) has been examined. DET (PTCC), WZ, BSNL vide reference (ii), GM (S&T), Central Railway vide reference (iii) and DG Signals, MoD vide reference (iv) have issued 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 |
|--|------------------------------------|----------------------|-----------------------------------|------------------|------------------|----------------|-----------------|
| 220/33 kV Pooling Substation of M/s RSRPL at Ghatnandur village, Osmanabad | 94.4 | 24 | 0.3374 | 1683 | 1082 | 15 | NA |
| 33 kV Wind Power Double pole yard tapping point | 7.43 | 6.2 | 0.537 | 50 | 31 | NA | NA |

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.

Chief Engineer

To,

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| 1. | Divisional Engineer (PTCC), Western Zone | QA & Inspection circle, 1 st floor, D- wing, BSNL Admin Bldg., Junu Tara Road, Santacruz (West), Mumbai-400054 | |
| 2. | M/s ReNew Surya Roshni Private Limited | ReNew Hub, Commercial Block-1, Zone-6, Golf Course Road, DLF City, Phase-V, Gurugram | Copy for information |