



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**

\*\*\*\*\*

|                                                                                                                                                                                                                                                       |                                                    |              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------|
| <b>CEA Case No. : MRA-1257</b>                                                                                                                                                                                                                        |                                                    |              |
| <b>Induced Voltage calculation for PTCC proposal for 33 kV S/C Feeder-03 from 220/33 kV Pooling Substation of M/s RG(MO)PL at Jaulala village, Beed to 33 kV Wind Power Double pole yard tapping point PSR-17 N1 of RG(MO)PL (Length: 21.08 kms).</b> |                                                    |              |
| <b>S. No</b>                                                                                                                                                                                                                                          | <b>Reference No.</b>                               | <b>Dated</b> |
| (i)                                                                                                                                                                                                                                                   | RG(MO)PL/Patoda CTU/33kV line/PTCC/CEA/24-25/E/105 | 04.05.2024   |
| (ii)                                                                                                                                                                                                                                                  | BSNL: IC/MBI/PTCC/MRA-2637/03                      | 06.11.2024   |
| (iii)                                                                                                                                                                                                                                                 | Central Railway: N.153/PTCC/33kV/MAH-880           | 11.07.2024   |
| (iv)                                                                                                                                                                                                                                                  | Defense: B/46937/Sigs 7(b)/3948                    | 16.07.2024   |

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 RG(MO)PL at Jaulala village, Beed | 78.5                               | 28                   | 0.1079                            | 473              | 286              | NA             | NA              |
| 33 kV Wind Power Double pole yard tapping point                       | 14.5                               | 15                   | 0.1143                            | 43               | 24               | 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 111<sup>th</sup> and 112<sup>th</sup> CLPTCC meeting, necessary instructions for “Deemed Energization approval” shall be specified while issuing RAC.

**Chief Engineer**

To,

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