



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. : KNK-1120 | | |
| Induced Voltage (IV) Calculation for PTCC proposal of 33 kV S/C Feeder-9 from the 220/33kV Pooling Substation of M/s RSRPL at Huyilagola village, Gadag to 33kV wind power Double pole yard tapping point K-59 of RSRPL (Length: 23.9 kms). | | |
| S. No | Reference No. | Dated |
| (i) | RSRPL/RTC1-W2/33 kV/PTCC/CEA/24-25/E/080 | 22.04.2024 |
| (ii) | BSNL: SR-PTCC/SKT6126/7 | 14.08.2024 |
| (iii) | South Western Railway: SG/SWR/PTCC/KNK1120/2753 | 09.07.2024 |
| (iv) | Defense: B/46937/Sigs 7(b)/3941 | 22.07.2024 |

The PTCC proposal submitted vide reference (i) has been examined.

DET, PTCC (SZ), BSNL vide reference (ii), PCSTE, SWR vide reference (iii) and DG Signals, MoD vide reference (iv) has given their NOC for charging the line.

EPR Zones for proposed substations 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 |
|---|-----------------------------------|-----------------------|----------------------------------|------------------|------------------|-----------------|------------------|
| 220/33kV Pooling Substation of M/s RSRPL at Huyilagola village, Gadag | 97.5 | 24 | 0.2005 | 994 | 624 | NA | NA |
| 33kV wind power Double pole yard tapping point K-59 | 14.5 | 25 | 0.1143 | 82 | 49 | NA | NA |

As per the details submitted by BSNL, No Telephone exchange is falling within the EPR zone of proposed substation

Taking above into consideration, necessary action for issuance of PTCC route approval (RAC) 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 CGM, QA&I circle, 2 nd floor, Sanchar Complex, WMS Compound, Jayanagar, 5 th block, 9 th main, 47 th cross, Bengaluru- 560 041 | |
| 2. | M/s ReNew Surya Roshni Private Limited | ReNew Hub, Commercial Block-1, Zone-6, Golf Course Road, Gurugram – 122 009 | Copy for information |

Directorate General of Signals

Signals 7

General Staff Branch **KNK-1120**

Integrated HQ of MoD, (Army)

DHQ PO, New Delhi – 110011

B/46937/Sigs 7(b)/3941/

2 Jul 2024

Senior Manager, Projects
 ReNew Surya Roshni Private Limited
 Corporate Off: ReNew Hub, Commercial Block-1
 Zone-6, Golf Course Road
 DLF City Phase-V, Gurugram-122009

33KV FEEDER NO-9 PTCC PROPOSAL FROM THE 220/33KV POOLING S/S AT HUYILAGOLA VILLAGE TO PROPOSED RENEW (RSRPL) WIND 33KV WIND POWER DOUBLE POLE YARD TAPPING POINT K-59

1. Refer your letter No. RSRPL/RTC1-W2/33 KV/PTCC/MoD /24-25/E/100 dt 06 May 2024 (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.



(Puneet Lakhanpal)
 Lieutenant Colonel
 General Staff Officer Grade 1 (Communication)
 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

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

- for information

केंद्रीय विद्युत प्राधिकरण
 पी.सी.डी. प्रभाग
 चरी संख्या 963
 संक. 01/28/24