



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**

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<b>CEA Case No. : MRA-1261</b>		
<b>Induced Voltage (IV) Calculation for PTCC proposal of 33 kV S/C Feeder-01 from 400/33 kV Pooling Substation of M/s RGESPL at Gandhora village, Osmanabad to 33 kV Wind Power Double pole yard tapping point RSL-064 N5 of RGESPL (Length: 27.45 kms).</b>		
<b>S. No</b>	<b>Reference No.</b>	<b>Dated</b>
(i)	RGESPL/SOLAPUR/33kV line/PTCC/CEA/24-25/E/118	17.05.2024
(ii)	BSNL: IC/MBI/PTCC/MRA-2678/02	04.09.2024
(iii)	Central Railway: N.153/PTCC/33kV/MAH-905	22.07.2024
(iv)	Defense: B/46937/Sigs7(b)/3954	25.07.2024

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 above reference (iv) have issued their No Objection Certificate (NOC) for charging of 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
400/33 kV Pooling Substation of M/s RGESPL at Gandhora village, Osmanabad	135.7	38	0.2886	3325	2154	77	13
33kV unit substation	7.43	6.2	0.429	39	23	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) 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.

Encl.: As above

**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 Energy Solutions Private Limited	ReNew Hub, Commercial Block-1, Zone-6, Golf Course Road, DLF City, Phase-V, Gurugram	Copy for information