

I/31731/2023



सत्यमेव जयते



भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
विद्युत संचार विकास प्रभाग
Power Communication Development Division

CEA Case No.: RAJ-729		
Induced Voltage Calculation for PTCC proposal of 220 kV D/C line from 220/33 kV SECI-IX Pooling Station of Renew Surya Aayan Private Limited to 765 kV Fatehgarh-III S/s (9.424 km) - regd.		
S. No	Reference No.	Dated
(i)	RSAPL/PTCC/01 (received on 27.10.2023)	15.07.2023
(ii)	RSAPL: E-mail	10.11.2023
(iii)	BSNL: DET/PTCC/ND/DV-10262/Raj-1440/2023-2024	07.11.2023
(iv)	North Western Railway: SG/158/NWR/PTCC/926	31.07.2023
(v)	Defense: B/46937/Sigs7(b)/3464/	25.09.2023

The PTCC proposal submitted vide reference (i) has been examined. BSNL vide reference (iii) has submitted that no BSNL line is lying within the 8 km boundary of proposed transmission line. Dy. CSTE, North Western Railway vide reference (iv) and DG Signals, MoD, vide above reference (v) has 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
220/33 kV SECI-IX Pooling Station of M/s RSAPL	62.63	20	0.97658	2782	1819	112	60

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 regarding issuance of PTCC approval for the subject cited transmission line may be taken under intimation to this office.

Encl.: As above

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Director

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To,

1.	Divisional Engineer (PTCC), Northern Zone	BSNL, O/o GM (North), QA & Inspection Circle D-Tax Building, Eastern Court, Janpath New Delhi-110001	
2.	M/s ReNew Surya Aayan Private Limited	ReNew Hub, Commercial Block-1, Zone-6, Golf Course Road, DLF City Phase-V, Gurugram	Copy for information.