



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. : RAJ-755</b>		
<b>Induced Voltage (IV) Calculation for PTCC proposal of 220 kV D/C transmission line on D/C and M/C towers from 400/220 kV Fatehgarh-IV PS to 220/33 kV PSS of M/s Juniper Green Stellar Pvt. Ltd. (Length: 11.2 kms)</b>		
<b>S. No</b>	<b>Reference No.</b>	<b>Dated</b>
(i)	JGSTPL/PTCC/2024-25/01	06.08.2024
(ii)	BSNL: DE/PTCC/NZ/BSNL-TD/DV-10439/Raj-1523/2024-25	17.12.2024
(iii)	North Western Railway: SG/158/NWR/PTCC/997	09.10.2024
(iv)	Defense: B/46937/Sigs 7(b)/4119	06.11.2024

The PTCC proposal submitted vide reference (i) has been examined. DET (PTCC), NZ, BSNL vide reference (ii), Dy. CSTE, North Western Railway 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
220/33 kV PSS of M/s Juniper Green Stellar Pvt. Ltd	70.7	30.708	0.232	1093	700	1	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.

Encl.: As above

**Chief Engineer**

**To,**

1.	Divisional Engineer (PTCC), Northern Zone	BSNL, O/o PGM(North), QA & Inspection Circle D-Tax Building, Eastern Court, Janpath, New Delhi-110001
2.	M/s Juniper Green Stellar Pvt. Ltd.	F-9, First Floor, Manish Plaza-1, Plot No. 7, MLU, Sector-10, Dwarka, New Delhi – 110 075