



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. : RAJ-841</b>		
<b>Induced Voltage (IV) Calculation for PTCC proposal of 220 kV S/C Transmission Line on D/C towers from 220/33 kV PSS of M/s Solarcraft Power India 15 Private Limited (SPIPL) at Village Narsar, Tehsil Bhopalgarh, Jodhpur to 220 kV GSS (RVPNL) at Bhopalgarh (Length: 5.5 km)</b>		
<b>S. No</b>	<b>Reference No.</b>	<b>Dated</b>
(i)	RUVNL/Bhopalgarh/SC15/001 (Received on 27.03.2025)	NIL
(ii)	BSNL: DE/PTCC/NZ/BSNL-TD/DV-10564/RAJ-1609/2025-26	10.07.2025
(iii)	North Western Railway: SG/158/NWR/PTCC/1108	07.04.2025
(iv)	Defense: B/46937/Sigs 7(b)/4619	19.05.2025

The PTCC proposal submitted vide reference (i) has been examined. DET (PTCC), NZ, BSNL vide reference (ii), Deputy 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 SPIPL at Village Narsar, Tehsil Bhopalgarh, Jodhpur	62.03	30	0.8409	3577	2345	162	94

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), Northern Zone	BSNL, O/o PGM(North), QA & Inspection Circle D-Tax Building, Eastern Court, Janpath, New Delhi-110001
2.	Head Project M/s Solarcraft Power India 15 Private Limited	1st Floor, Tower C, Building 10 DLF Cyber City Phase-II, Gurugram