



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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CEA Case No. : RAJ-900		
Induced Voltage (IV) calculation for 400 kV S/C transmission from 200 MW 400/33 kV PSS of M/s ReNew Samir Shakti Private Limited at Barmer to 400/33 kV Common PSS of M/s ReNew Dinkar Jyoti Private Limited at Fatehagrh, Jaisalmer (Length: 3.039 kms)		
S. No	Reference No.	Dated
(i)	CEA/PTCC/RENEW-SAMIR SHAKTI- 400kV/TL/07/25 (received on 09.09.2025)	22.08.2025
(ii)	E-mail	09.02.2026
(iii)	BSNL: DE/PTCC/NZ/BSNL-TD/DV-10681/Raj-1691/2025-26	07.02.2026
(iv)	North Western Railway: SG/158/NWR/PTCC/1186-Revised	06.02.2026

The PTCC proposal submitted vide reference (i), (ii) have been examined.. Divisional Engineer (PTCC), Northern Zone, BSNL vide reference (iii) and Dy. CSTE (Tele.), North Western Railway vide reference (iv) has their issued No Objection Certificate (NOC) for charging of the line.

EPR zone for proposed S/s is mentioned below:

Name of the proposed Substation	Half diagonal distance, D/2 (mts)	Fault Current I (A)	Resistance of Earth Mat, R (ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7kV	d (mts) at 10kV
400/33 kV PSS of M/s ReNew Samir Shakti Private Limited	66.5	59850	0.0441	NA	NA	N.A	N.A

M/s ReNew Samir Shakti Private Limited vide e-mail referred at (ii), has requested for issuance of provisional approval citing non-receipt of Defence Telecom Details/ NOC and the need to charge the line due to completion of all project related work. M/s RSSPL has also submitted an undertaking citing "In the event that the charging of the said lines lead to any interference with telecom assets or any impact on personnel or installation of the BSNL, Railway, Defence authorities, M/s RSSPL undertake to take all necessary remedial measures to resolve the issue."

Taking above into consideration, necessary action regarding issuance of provisional PTCC approval for the subject cited transmission line may be taken under intimation to this office.

Chief Engineer

**To,**

1.	Divisional Engineer (PTCC), Northern Zone	BSNL, O/o GM (North), QA & Inspection Circle D-Tax Building, Eastern Court, Janpath, New Delhi	
2.	Director General of Signals	General Staff Branch, Integrated HQ, MoD (army), Sena Bhawan, DHQ, PO, New Delhi- 110 105	With a request to share the Telecom Details/ NOC at the earliest for issuance of final RAC.
3.	M/s ReNew Samir Shakti Private Limited	ReNew Hub, Commercial Block-1, Zone-6, Golf Course Road, DLF City Phase-V, Gurugram – 122009	