



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

CEA Case No. : KNK-1075		
Induced Voltage (IV) Calculation for PTCC proposal of 220 kV S/C line on Double circuit tower from proposed 220/33 kV 270 MW, PSS of M/s Serentica Renewables India 3 Pvt. Ltd. at Jakkali Village to proposed 220 kV Substation of M/s Serentica Renewables India 3 Pvt. Ltd. at Balagod Village, Gadag (Length: 22.198 kms)		
S. No	Reference No.	Dated
(i)	SRIPL/TD/220KV/MISCELLANEOUS/01/02	05.02.2024
(ii)	BSNL: SR-PTCC/SKT5811/2	10.05.2024
(iii)	South Western Railway: SG/SWR/PTCC/KNK1075/2702	13.05.2024
(iv)	Defense: B/46937/Sigs7(b)/3744	16.05.2024

The PTCC proposal submitted vide reference (i) has been examined. DET, PTCC (SZ), BSNL vide reference (ii), PCSTE, SWR vide reference (iii) and DG Signals, MoD vide above reference (iv) (enclosed as Annexure-I) 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
220/33 kV 270 MW, PSS of M/s SRI3PL at Jakkali Village	97.51	45.5	0.036	274	148	NA	NA
220 kV Substation of M/s SRI3PL at Balagod Village, Gadag	104.12	35	0.019	57	2	NA	NA

As per the details submitted by BSNL vide reference (ii) above, no telephone exchange is falling in the EPR zone of the proposed substations.

Taking the above into consideration, necessary action for issuance of PTCC route approval may be taken under intimation to this office.

Encl.: As above

Chief Engineer

To,

1.	Divisional Engineer (PTCC)	O/o CGM, QA & Inspection circle, 2 nd Floor, Sanchar complex, WMS compound, Jayanagar, 5 th block, 9 th main, 47 th cross, Bengaluru- 560 041	
2.	M/s Serentica Renewables India 3 Pvt. Ltd.	DLF Cyber Park, Block B, 9 th Floor, Udyog Vihar, Phase III, Sector 20, Gurugram – 122 008	Copy for information

E-mail: webstar@nic.in

Directorate General of Signals
 Signals - 7
 General Staff Branch
 Integrated HQ of MoD, (Army)
 DHQ PO, New Delhi - 110011

KNK-1075


B/46937/Sigs 7(b)/3744

16 May 2024

Serentica Renewables India 3 Private Limited
 Regd Office: DLF Cyber Park,,Block B, 9th Floor
 Udyog Vihar, Phase-III, Sector-20
 Gurugram-122008, Haryana, India

**PTCC PROPOSAL FOR 220KV S/C LINE ON DOUBLE CIRCUIT TOWER
 FROM PROPOSED 220/33K 270 MW, PSS OF M/S SERENTICA
 RENEWABLES INDIA 3 PVT LTD AT JAKKALI VILLAGE TO PROPOSED
 220KV SUBSTATION OF M/S SERENTICA RENEWABLES INDIA 3 PVT
 LTD AT BALAGOD VILLAGE, GADAG DISTRICT, KARNATKA
 (LENGTH - 22.198 KM)**

1. Refer your letter No CEA-PS-17-11(14)/24/2024-PCD Divison dt 14 Feb 2024 (copy att).
2. **No Objection Certificate (NOC) is accorded** based on inputs provided as per Map sheet received vide your letter mentioned above.
3. Documents alongwith map sheets (in original) are returned herewith for your further necessary action.


 (Puneet Lakhanpal)
 Lieutenant Colonel
 General Staff Officer Grade 1 (Communication)
 for Additional Director General (Telecommunication)

Enclosures : As above**Copy to :-**

✓ Chief Engineer, PSCD Division
 Central Electricity Authority
 Room No 702 (North Wing)
 Sewa Bhawan, R.K. Puram, Sector-1
 New Delhi-110066

The DET(PTCC), Northern Zone
 Bharat Sanchar Nigam Limited
 O/o PGM (North), QA & Inspection Circle,
 D-Tax Building, Eastern Court, Janpath
 New Delhi-110001

- for information

Central Electricity Authority
 PCD Division
 Diary No.....609
 Date.....04/06/24

sh Anshy (DD)

 04/6