



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-682
PTCC proposal of 400 kV DCSS transmission line from 400 kV switchyard of M/s Renew Solar Energy (Jharkhand Four) Pvt Ltd to 400 kV switchyard of M/s Renew Solar Power Pvt Ltd at Jalalsar, Bikaner (13.465 km)

Reference:		
S. No.	Reference No.	Dated
(i)	M/s Renew Solar Energy (Jharkhand Four) Pvt Ltd: Renew/Bikaner/Merchant Power – 2021/PTCC/08	13.08.2021
(ii)	BSNL: DET/PTCC/ND/PTCC Case/Raj/Renew/2021- 2022/20	15.11.2021
(iii)	North Western Railway: SG/158/NWR/PTCC/841	03.09.2021
(iv)	Defense: B/46937/Sigs 7(b)/2529	27.10.2021

The PTCC proposal submitted vide reference (i) has been examined. BSNL vide above reference (ii) has intimated that there are no BSNL lines (copper cable and armoured OFC) in the route of the proposed power line and has conveyed its NOC. The low frequency induction on block & telecom circuits of North Western Railway as per details furnished vide reference (iii) has been examined. Voltages likely to be induced on paralleling block & telecom circuits of North Western Railway under single line to ground fault condition are enclosed at Annexure-I. The screening factors as applicable have been considered. The Defense Authority have accorded NOC vide above reference (iii) for the proposed power line (a copy enclosed as Annexure-II).

Taking above into consideration, necessary action regarding issuance of PTCC route approval may be taken.

Encl.: As above.

Digitally signed by RAGHVEENDRA PRATAP SINGH
Date: 2021.12.15 16:20:37 GST

Director

To,

1.	Divisional Engineer (PTCC), Northern Zone	BSNL O/o PGM (N), QA & Inspection Circle, D-Tax Building, Eastern Court, Janpath, New Delhi 110001.	
2.	Dy. CSTE/ Tele	North Western Railway, Headquarter Office, Room 136, First Floor, Near Jawahar Circle, Jaipur-302017	With Annex-I only
3.	Assistant Manager	M/s Renew Solar Energy (Jharkhand Four) Pvt Ltd, ReNew Hub, Commercial Block-1, Zone 6, Golf Course Road, DLF City Phase-V, Gurugram-122009	Copy for information

ANNEXURE - I

CEA Case No.: RAJ-682		Map Scale : 1 cm = 500 m. Route Length : 13.465 km Soil Resistivity : 15,000 Ohm-cm			
Name of the Power Line: 400 kV DCSS transmission line from 400 kV switchyard of M/s Renew Solar Energy (Jharkhand Four) Pvt Ltd to 400 kV switchyard of M/s Renew Solar Power Pvt Ltd at Jalalsar, Bikaner					
S.No.	Telecom Details	Length of Parallelism (in km)	Mutual Coupling (Ohms)	Fault Current (Amps)	Induced Voltage (Volts)

NORTH WESTERN RAILWAY					
Ref. No: SG/158/NWR/PTCC/841 dated 03.09.2021					
Affected Blocks & Telecom Circuits Details					
1	Dhirera – Jagdeowala	Outside IV consideration zone			0
2	Jagdeowala – Jamsar	0.4	0.0001	11900	1
3	Jamsar – Kanasar	Out of parallelism			0

Prateek

प्रमुख निदेशक/प्रमुख सहायक निदेशक-II
 क्षेत्रीय निदेशक/अधीन निदेशक-II
 क्षेत्रीय निदेशक/अधीन निदेशक-II
 विद्युत विभाग/Ministry of Power
 भारत सरकार/GOVT. of India
 नई दिल्ली/New Delhi

Annex-II

KAT-682

Tele : 23019746

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

B/46937/Sigs 7(b)/2529/

27 Oct 2021

Assistant Manager
ReNew Hub, Commercial Block-1, Zone 6,
Golf Course Road, DLF City Phase-V
Gurgaon-122009, Haryana

PROPOSAL FOR PTCC APPROVAL FOR 400KV DGSS TRANSMISSION LINE
FROM 400KV SWITCHYARD OF M/S RENEW SOLAR ENERGY (JHARKHAND
FOUR) PVT LTD TO 400KV SWITCHYARD OF M/S RENEW SOLAR POWER PVT
LTD, AT JALALSAR, BIKANER

1. Refer your letter No Renew/Bikaner/Merchant Power-2021/PTCC/07 dt 13 Aug 2021. (copy att).
2. No Objection Certificate (NOC) is accorded based on inputs provided as per Map sheet received under your letter mentioned above.
3. Documents alongwith map sheets (in original) are returned herewith for your further necessary action.

(A Rawat)
Lt Col
GSO 1 (Comm)
for SO-in-C

Enclosures : As above

Copy to :-

The Director (PTCC), CEA
Power Communication Development Division
NRPC Complex, 18-A Shaheed Jeet Singh Marg
Katwaria Sarai, New Delhi - 110016

for information

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



S. Taneja
RPS