



सत्यमेव जयते

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
विद्युतसंचारविकासप्रभाग
Power Communication Development Division

Case No.: UP-564:

PTCC proposal for LILO of the 1st circuit of 220 kV D/C PGCIL Sohawal to New Tanda transmission line at 220 kV GIS S/S Ayodhya :13.60 km

Reference:

S. No.	Reference No.	Dated
(i)	UPPTCL: 116/वि.पा.ख. (अयो.)/220 के.वी./पी.टी.सी.सी	23.01.2021
(ii)	UPPTCL: 855/वि.प्रे.ख. (अयो.)	14.07.2021

The PTCC proposal submitted vide reference (i) has been examined. BSNL telecom cables details submitted by SDO (phones), Faizabad are received along with proposal and it is mentioned that no BSNL lines (copper cable and armored OFC) is present in the route of the proposed power line. Block & Telecommunication circuit's details from the Northern Railway and the Defense authority are pending and the power authority has shown urgency for charging of the proposed power line vide above reference (ii). Hence, the voltages likely to be induced on paralleling Block & Telecom circuits of Northern Railway under Single Line to Ground fault condition are computed according to topo-map provided by power authority and are enclosed at Annexure-I. The screening factors, as applicable, have been considered.

In view of this, necessary action regarding issuance of **provisional PTCC route approval for LILO of the 1st circuit of 220 kV D/C PGCIL Sohawal to New Tanda transmission line at 220 kV GIS S/S Ayodhya** may be taken.

Encl.: As above.

Signature Not Verified

Digitally signed by RAJESHVENDRA PRATAP SINGH
Date: 2021.07.20 15:49:38 IST

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.	With a request to intimate in case of deviation
2.	AESTE/UTS	Northern Railway; Head Quarter Office, Baroda House, New Delhi-110001.	Annexure-I (With a request to intimate in case of deviation)
3.	Executive Engineer	UPPTCL; O/o Executive Engineer, Electricity Transmission Division, Ayodhya-221001.	Copy for information

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ANNEXURE-I

Case No.: UP-564

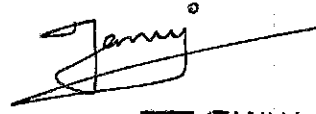
Name of the Power line: LILO of the 1st circuit of 220 kV D/C PGCIL Sohawal to New Tanda transmission line at 220 kV GIS S/S Ayodhya.

Map Scale : 1 cm=500 m
Total Length : 13.60 km
S.R. Value : 12,000 ohm-cm

S.No.	Telecom. Details	Length of Parallelism in Km.	Mutual Coupling in Ohms.	Effective Fault current in Amps.	I.V in Volts.
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Affected Blocks & Telecom Circuits Details (*according to topo-map submitted by power authority)

A	<u>Allahabad- Faizabad Branch</u>				
1	Faizabad Junction R/S to Masodha R/S	3.6	0.0015	7353	11
2	Masodha R/S to Bharatkund R/S	10.8	0.0100	8523	85
3	Bharatkund R/S to Malethu Kanak R/S	0.9	0.0005	9266	05
4	Malethu Kanak R/S to Khajurhat R/S	Outside IV Consideration Zone			00
B	<u>Varanasi- Lucknow Branch</u>				
		Outside IV Consideration Zone			00



तनुज/TANUJ
 सहायक निदेशक-II/Asstt. Director-II
 केन्द्रीय विद्युत प्राधिकरण/C.E.A.
 विद्युत मंत्रालय/Ministry of Power
 भारत सरकार/Govt. of India
 नई दिल्ली/New Delhi-66