



भारत सरकार  
Government of India  
विद्युत मंत्रालय  
Ministry of Power  
केन्द्रीय विद्युत प्राधिकरण  
Central Electricity Authority  
विद्युत प्रणाली परियोजना प्रबोधन प्रभाग  
Power System Project Monitoring Division

सेवा में,

(सूची के अनुसार)

विषय: आईटीपीएल के परिसर से एनआरएसएस XXXVI ट्रांसमिशन लिमिटेड (एनटीएल) के ऋषिकेश कोटेश्वर 400 केवी डी / सी लाइन के मुद्दे पर चर्चा करने के लिए सीईए में 9.2.18 और 3.4.2018 को मुख्य अभियंता (पीएसपीएम), सीईए द्वारा किए गए बैठक के कार्यवृत्त

**Subject:** Minutes of the meeting taken by Chief Engineer(PSPM), CEA on 9.2.18 and 3.4.2018 in CEA to discuss the issue of Koteshwar – Rishikesh 400 kV D/C line of NRSS XXXVI transmission limited(NTL) traversing through premises of IDPL, Rishikesh

महोदय,

मुख्य अभियंता (पीएसपीएम), सीईए ने आईएसपीएल, ऋषिकेश के परिसर से गुजरने वाले कोटेश्वर - ऋषिकेश 400 केवी डी / सी ट्रांसमिशन लाइन के मुद्दे पर चर्चा के लिए सीईए में 9.2.2018 और 3.4.2018 को बैठक की थी। मीटिंग के कार्यवृत्त आवश्यक कार्रवाई के लिए संलग्न है। एनटीएल ने 5.4.2018 के अपने पत्र के माध्यम से संशोधित electrical clearance जमा की है, पत्र की प्रति जानकारी और आवश्यक कार्रवाई के लिए संलग्न है।

संलग्न: ऊपर के रूप में

भवदीय,

(आर पी प्रधान)

निदेशक

प्रतिलिपि जानकारी और आवश्यक कार्रवाई के लिए अग्रेषित;

1. Chief Engineer (Chief Electrical Inspectorate), Central Electricity Authority, Room No. 311, 3<sup>rd</sup> Floor, NRPC Complex, Katwaria Sarai, New Delhi -16
2. Chief Engineer (PSPA-I), CEA
3. Chief Engineer (PSETD), CEA
4. PPS to Member(PS), CEA

**File No.CEA-PS-13-22(13)/1/2018-PSPM Division-Part(1)**

Sewa Bhawan, R.K Puram-1, New Delhi-110066 Telephone: 011-26103242 Email: ceapspm@gmail.com Website: [www.cea.nic.in](http://www.cea.nic.in)

**Minutes of the meeting taken by Chief Engineer(PSPM), CEA on 9.2.18 and 3.4.2018 in CEA to discuss the issue of Koteshwar – Rishikesh 400 Kv D/C line traversing through premises of IDPL, Rishikesh**

List of participant is attached at annexure-I

2. Chief Engineer welcomed the participants and after brief introduction he requested NTL representative to make presentation on the issue of Koteshwar – Rishikesh 400 kV line.
3. NTL representative stated that REC had awarded a transmission project - NRSS XXXVI in March,2016 covering followings transmission elements;
  - (a) Koteshwar- Rishikesh 400 kV line alongwith terminal bays at Rishikesh S/S
  - (b) LILO of Sikar – Neemrana 400 kV D/C line at Babai alongwith terminal bays at Babai s/s
  - (c) Babai – Bhiwani 400 kV D/C line

The SPV was acquired in Aug, 2016 and schedule date of completion of transmission project is Dec, 2019.

4. NTL representative stated that Rishikesh S/S of PTCUL is situated inside the premises of IDPL, Rishikesh and line is entering in IDPL premises through private residential colony. He informed that there was no residential colony at the time of acquisition of SPV but in last 2 years there has been a huge development of residential building along IDPL premises. He informed that while conducting detail survey for termination of Koteshwar – Rishikesh 400 kV line at Rishikesh, it was observed that residential as well as commercial buildings have been constructed on the route of line entering IDPL premises and 3 nos angle tower i.e AP74, AP 75 & AP76 are needed to be relocate inside IDPL premises. CE(PSPM), CEA enquired whether approval u/s 164 is needed for relocation of tower, NTL representative stated that both the locations fall inside the villages indicated in original route map as per u/s 164 notification as such no revision of notification is required. NTL representative informed that preliminary survey has been conducted for portion of line falling in the premises of IDPL and IDPL have no objection but need confirmation from CEA regarding electrical clearance of tower (AP74 to AP85) with respect to existing building near to towers.
5. IDPL representative informed that NTL has applied for NOC for construction of line in IDPL premises but transmission line between tower location AP74 to AP76 is traversing near to their residence buildings. NTL confirms that electrical clearances of line with the building are more than the safe limits as indicated in CEA safety regulation but IDPL requires confirmation for electrical clearance for processing proposal of NTL for grant of NOC by the board of IDPL.
6. CE(PSPM), CEA stated that it is a ISTS transmission line and NTL would be requiring approval from CEA before charging of 400 kV transmission line. Chief

**File No.CEA-PS-13-22(13)/1/2018-PSPM Division-Part(1)**

Engineer(CEI), CEA would examine the clearance before issuing charging approval and also NTL is to abide by CEA safety regulation and other standard as indicated in TSA for construction of transmission line. NTL representative requested to expedite the NOC as route profile of line could not be completed due to pending clearance from IDPL. Chief Engineer(PSPM), CEA advised NTL to submit the drawing indicating route of line in the premises in the IDPL and its electrical clearance with the existing towers to take up matter with Chief Engineer(CEI), CEA.

7. NTL submitted drawings vide their letter dtd 09/02/2018 & 23/02/2018, indicating route of line from tower locations(AP74 - AP85) and its electrical clearance with the existing buildings at location no AP74 to AP76 which was examined by CE(EI), CEA and comments submitted to NTL. CE(PSPM), CEA called a meeting on 3.4.2018 in CEA to discuss the issue and meeting attended by CE(CEI), CE(PSE&TD) and NTL wherein NTL submitted following details of electrical clearance for transmission line from AP74 to AP85:

SI. No	AP. Nos.	Tower Type	UTM Coordinate		Angle of Deviation	Span Length (m)	Minimum Vertical clearance maintained (m)	Minimum Horizontal clearance from nearest building (m)
			East	North				
1	AP-74	DD+9	236145	3331175	59°28'58.7"			26.4
						267	22	15.2
2	AP-75	DB+9	236044	3330928	6°59'46.7"			16.1
						230	23	8.1
3	AP-76	DB+9	235932	3330727	12°0'0.2"			11.3
						260	18	8.8
4	AP-77	DB+0	235761	3330531	4°52'22.8"			No residential area nearby
						257	14	
5	77/1	DA+0	235580	3330349				
						258		
6	AP-78	DD+0	235398	3330165	85°26'52"			
						117		
7	AP-79	DD+0	235472	3330074	38°5'47.9"			
						304	13	
8	79/1	DA+0	235767	3330003				
						304	13	
9	79/2	DA+0	236063	3329932				
						304		
10	AP-80	DD+3	236359	3329861	88°53'26.7"			
						287	9.5	
11	80/1	DA+0	236303	3329579	0°0'0"			
						287	9.5	
12	AP-81	DD+0	236246	3329298	53°41'11"			40
						115	9.5	40
13	AP-82	DD+0	236324	3329213	67°30'22.3"			50
						331	9.5	15
14	AP-83	DB+0	236185	3328913	11°52'12.4"			16

**File No.CEA-PS-13-22(13)/1/2018-PSPM Division-Part(1)**

						331	20	16
15	AP-84	DD+25	235991	3328644	42°43'48.5"			No residential area nearby
						170		
16	AP-85	DD+25	235825	3328608	43°1'6.2"			

Chief Engineer(CEI), CEA stated that the electrical clearance is adequate however NTL may consider to shift tower location no. AP76 towards NH road for getting more clearance from building near to this location. NTL was advised to submit revised details of electrical clearance as above for issuance of NOC by IDPL.

Meeting ended with thanks to chair.



**Minutes of the meeting taken by Chief Engineer(PSPM), CEA on 9.2.18 and 3.4.2018 in CEA to discuss the issue of Koteshwar – Rishikesh 400 Kv D/C line traversing through premises of IDPL, Rishikesh**

**List of Participants**

**Meeting dated 09/02/2018**

**CEA**

- |                            |                                    |
|----------------------------|------------------------------------|
| 1. SHRI B. K. ARYA         | CHIEF ENGGINEER (PSPM) ---In Chair |
| 2. SHRI AJITESH KUMAR      | DY. DIRECTOR (PSPM)                |
| 3. SHRI R.K. TIWARI        | DY. DIRECTOR (PSPM)                |
| 4. MRS. MANJARI CHATURVEDI | DY. DIRECTOR (PSPA-I)              |

**IDPL**

- |                     |          |
|---------------------|----------|
| 1. SHRI R.C RASTOGI | EX. EMP. |
| 2. SHRI SAMAY SINGH | DY. P.M. |

**NRSS XXXVI TRANSMISSION LTD.**

- |                          |                   |
|--------------------------|-------------------|
| 1. SHRI AMIT KUMAR       | GENERAL MANAGER   |
| 2. SHRI RAJNISH MEHROTRA | HEAD (Er, Forest) |
| 3. SHRI PRAMOD SHARMA    | GEN. MANAGER      |
| 4. SHRI SANDEEP SAKLANI  | MANAGER           |
| 5. SHRI YOGESH MISHRA    | MANAGER           |

**Meeting dated 03/04/2018**

**CEA**

- |                       |                                   |
|-----------------------|-----------------------------------|
| 1. SHRI B. K. ARYA    | CHIEF ENGGINEER (PSPM) --In Chair |
| 2. SHRI GAUTAM ROY    | CHIEF ENGGINEER (CEI)             |
| 3. SHRI R. P. PRADHAN | DIRECTOR (PSPM)                   |
| 4. SHRI Y.K SWARNAKAR | DIRECTOR (PSE&TD)                 |
| 5. SHRI N.R. MEENA    | DY. DIRECTOR (PSPM)               |
| 6. SHRI AJITESH KUMAR | DY. DIRECTOR (PSPM)               |
| 7. SHRI R.K. TIWARI   | DY. DIRECTOR (PSPM)               |
| 8. SHRI SUNIL JAIN    | DY. DIRECTOR (CEI)                |
| 9. SHRI RAJESH        | ASSISTANT DIRECTOR (PSPM)         |

**ESSEL**

- |                       |         |
|-----------------------|---------|
| 1. SHRI AMIT KUMAR    | SR. V.P |
| 2. SHRI YOGESH MISHRA | MANAGER |





Minutes of the meeting taken by Chief Engineer(PSPM), CEA on 9.2.18 and 3.4.2018 in CEA to discuss the issue of Koteshwar – Rishikesh 400 Kv D/C line traversing through premises of IDPL, Rishikesh

**List of Addressees:**

Sl. No.	Organization	Address	Tele/Fax No./email
1	IDPL	Ganga Prasad Agrahari, Dy. General Manager (I/C Plant), Indian Drugs & Pharmaceuticals Ltd., Virbhadra, Rishikesh Uttarkhand- 249202	Ph: 0135-2450175, 2450090 M:09456747271 idplgangaprasad@gmail.com
2	Essel	Amit Kumar <b>Director</b> NRSSXXXVI Transmission Limited, 6 <sup>th</sup> Floor, Plot No. 19&20, Film City, Sector 16-A, NOIDA, U.P. 201301	amit.kumar1@infra.esselgroup.com M: 9953200475