



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport & Highways, Govt. Of India)

क्षेत्रीय कार्यालय, उ०प्र० (पूर्व) वाराणसी

Regional Office - U.P. (East), Varanasi

एस- 2/656, ए-3 बी, वरुणा विहार कालोनी, द्वितीय एवं तृतीय तल, वन प्लेस टावर
(जे०पी० मेहता सीनियर सेकेंडरी स्कूल के पीछे), सिकरौल, वाराणसी-221002 (उ०प्र०)

S-2/656, A-3B, Varuna Vihar Colony, 2nd & 3rd floor, one place Tower

(Behind J.P. Mehta Sr. Secondary School), Sikraul Varanasi-221002 (U.P.)

No. 14011/42/RO/UP(E)/2020/1606



दूरभाष/Phone : 91-542-2280243

: 91-542-2280372

ई-मेल/E-mail : rovaranasi1@gmail.com

: rovaransi@nhai.org

वेबसाइट/Website : www.nhai.org

Date: 05.03.2020

Invitation of public comments

Sub.: Proposal for granting permission for overhead crossing of NH-31 (Unnao-Malda) by LILO of 400KV D/C Unchahar(NTPC) - Fatehpur(PGCIL) Line at Chainage 137.434 near village Kaluwa Pur Bazar.

The Executive Engineer, Electricity Transmission Division, U.P. Power Transmission Corp. Ltd., Raebareli has submitted the proposal for NOC for overhead crossing of LILO of 400KV D/C Unchahar(NTPC) - Fatehpur(PGCIL) Line in the subject cited stretch.

2. From the submitted proposal, it is seen that the height of both proposed structures (Transmission Towers) on which the proposed overhead line is hanging is 71.150m & 64.150m. The structures (Transmission Towers) on either side are being erected at distance of 88 m & 104 m respectively from the centre line of National Highway. Further, the minimum clearance of 38.40 m between the lowest conductor of the proposed line and NH carriageway shall be maintained. However, the proposed transmission line shall be crossing the National Highway at 84 degree.


3. As per the guidelines, issued by the Ministry vide OM No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the application shall be put out in the public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

4. In view of the above, comments of the public on the above application is invited to the below mentioned address, which should reach by this office within 30 days from the date of publication beyond which no comments shall be entertained

The Chief General Manager cum Regional Officer,
National Highways Authority of India
Regional Office, UP-East, Varanasi
S-2/656, A-3B, Varuna Vihar Colony,
2nd & 3rd Floor, One Place Tower,
Behind J.P. Mehta Sr. Secondary School,
Sikraul, Varanasi-221002
Email: rovaransi@nhai.org

This issue with the approval of CGM (Tech.)/RO

Encl: As above


(C.M. Dwivedi)
General Manager (Tech.)

Copy to:

- Web Admin, NHAI-HQ- with request for uploading on the NHAI website
- The Technical Director, NIC, Transport Bhawan, New Delhi - with request for uploading on the Ministry's website.
- The Executive Engineer, ETD, UPPTCL, Raebareli-211002- for information please
- The Project Director, NHAI, PIU-Raebareli- for information & necessary action please.



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport & Highways, Govt. of India)

परियोजना कार्यान्वयन इकाई / Project Implementation Unit

मकान नं० 257, वार्ड नं. 22, विष्णु नगर, रायबरेली-229001 (उ०प्र०)

H.No. 257, Ward No. 22, Vishnu Nagar, Raebareilly - 229001 (U.P.)

दूरभाष / Phone : +91-535-2702526

टेलीफैक्स / Fax : +91-535-2702527

ईमेल / E-mail : pdpiuraebareilly@nhai.org
pdpiuraebareilly@gmail.com

PIU-Rbly/NH-232/2020-OFC Cable/R-J/ 17802

Date: 17-02-2020
.01.2020

To,

CGM (Tech.)/Regional Officer, UP-East,
National Highways Authority of India,
Regional Office,
S-2/656, A-3B, Varuna Vihar Colony, 2nd & 3rd Floor,
One Place Tower, Behind J.P. Mehta Sr. Secondary School,
Sikraul, Varanasi - 221002 (U.P.)

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
क्षेत्रीय कार्यालय, उ०प्र० पूर्व
Regional Office, U.P. East
प्राप्ति सं०/Receipt No. 1617
दिनांक/Date 20/02/2020

Sub: NOC for overhead crossing of NH-31 (Unnao-Malda) by LILO of 400KV D/C Unchahar (NTPC) - Fatehpur (PGCIL) line at Chainage 137.434 Near Village Kaluwa Pur Bazar.

Ref: 1. Executive Engineer, ETD, UP Power Transmission Corp Ltd., Raebareilly letter dated 993 dated 03.12.2019
2. This office letter no. 17376 dated 17.12.2019
3. IE, M/s Bloom Companies, LLC letter no. 337 dated 31.12.2019

Sir,

The Executive Engineer, ETD, UP Power Transmission Corp Ltd., Raebareilly vide letter dated 03.12.2019 (Ref-1) has submitted the proposal for overhead crossing of NH-31 (Unnao-Malda) by LILO of 400KV D/C Unchahar (NTPC) - Fatehpur (PGCIL) line at Chainage 137.434 Near Village Kaluwa Pur Bazar.

The proposal was forwarded to Independent Engineer (IE) of the above project vide letter dated 17.12.2019 (Ref-2). The IE has submitted their report vide letter dated 31.12.2019 (Ref-3). The content of IE report is reproduced below:

"IE inspected the site of proposed location at Km 137.434 near Village Kaluwa Pur Bazar for NH-231 where overhead 400KV D/C Unchahar (NTPC) - Fatehpur (PGCIL) line crossing and found horizontal & vertical clearing as per IRC 32:1969 and there is no obstruction for construction of same. (site photographs copy enclosed)".

The proposal has been examined as per the recommendation of IE, the following documents are attached for processing the permission:-

1. Proposal for overhead crossing of NH-31.
2. Online submission.
3. Annexure-A, B & C : Crossing of LILO of 400KV DC Unchahar (NTPC).
4. Check List.
5. License Deed.
6. SAG Calculation with clearance.
7. Undertakings.


Mayer (H)


17/02/2020

8. Agreement regarding granting of right of way permissions.
9. Drawing.

The original proposal in two set and one copy are being forwarded with recommendation of this office to grant the approval for overhead crossing of NH-31 (Unnao-Malda) by LILO of 400KV D/C Unchahar (NTPC) - Fatehpur (PGCIL) line at Chainage 137.434 Near Village Kaluwa Pur Bazar.

Encl. : As above.


(Nitin Chowdhary)
DGM (Tech.)/Project Director

कार्यालय अधिशासी अभियन्ता, विद्युत पारेषण खण्ड, उ०प्र० पावर ट्रान्समिशन कारपोरेशन लि० (उत्तर प्रदेश सरकार का उपक्रम) 132 केवी विद्युत उपकेन्द्र त्रिपुला परिसर रायबरेली- 229001		Office of the Executive Engineer, Electricity Transmission Division, U.P. Power Transmission Corp Ltd. (A U.P. Govt. Undertaking) 132KV S/S Tripula campus RAEBARELI- 229 001 E-mail: eeetdrbly@upptcl.org
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No. 993 /ETDR/NHAI/400KV LILO

Dated: 03/12/2019

Subject- NOC for over head crossing of NH-31(Unnao-Malda) by LILO of 400KV D/C Unchahar(NTPC)-Fatehpur(PGCIL) Line at Chainage 137.434.

Project Director (PIU)
NHAI, 257 Vishnu Nagar
Raebareli - 229001

Email- pdpiuraebareilly@nhai.org

29723
 3-12-2019

In reference to the subject, we would like to submit that UPPTCL is constructing LILO of 400KV D/C Unchahar(NTPC)-Fatehpur(PGCIL) Line under Electricity Transmission Division Raebareli, which is crossing NH-31(Unnao-Malda) details given below-

Sl. No.	Name of Transmission Line	Name of NH	Crossing place	UPPTCL proposed Tower No.
1	LILO of 400KV D/C Unchahar(NTPC)-Fatehpur(PGCIL)	NH-31 (Unnao-Malda)	Chainage 137.434 Km, Near Vill. Kaluwa Pur Bazar, between Salon - 7.5 km (approx) & Lalganj- 20.0 km (approx)	Loc. No.- 12(DD+18) & Loc. No.- 13(DD+25)

The aforesaid line is being constructed and crossing is to be done as per Electrical Safety Rules & Guideline. Online application has been applied and entire case is enclosed with this letter.

Thanking you in anticipation of an early approval.

Encl:- As Above.



A.K. Yadav

Executive Engineer

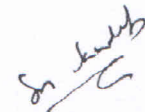
No. /ETDR/NHAI/400KV LILO

Dated: /12/2019

Copy forwarded to Superintending Engineer, Electy. Transmission Circle, UPPTCL, Sultanpur for kind information and necessary action.

(A.K. Yadav)
Executive Engineer

नई ३०३
 २०१९/१२/०३
 २०१९/१२/०३
 परियोजना निदेशक
 Project Director



U.P. POWER TRANSMISSION CORPORATION LTD.

**PROPOSAL FOR OVERHEAD CROSSING OF NH-31
(UNNAO-MALDA)**

AT CHAINAGE 137.434

BY

**LILO OF 400 KV D/C UNCHAHAR(NTPC)-
FATHEPUR(PGCIL) LINE @ RAIBAREILLY S/S.**

OF


**UTAR PRADESH POWER TRANSMISSION CORPORATION
LIMITED,RAIBAREILLY**

CHECK-LIST


**FOR NH -31 ROAD CROSSING BY LILO OF 400 KV D/C UNCHAHAHAR (NTPC) –
FATHEPUR (PGCIL) Line @ RAIBAREILLY S/S.**

S.NO.	DESCRIPTION	DETAILS
1.	National Highway Number	NH-31
2.	Name of Crossing Line	CROSSING LILO OF 400 KV D/C UNCHAHAHAR (NTPC) – FATHEPUR (PGCIL) Line @ RAIBAREILLY S/S.
3.	SYSTEM OF SUPPLY (i.e VOLTAGE) FREQUENCY NO.OF PHASES,WHETHER NEUTRAL IS EARTHED OR NOT	400 K.V.D/C 12 phase 50 cycles A.C. ,1 OPGW & 1 Earth Wire.
4.	Position of towers	BETWEEN LOC. NO.12 (DD+18) & 13 (DD+25)
5.	NORMAL SPAN AT LAPWING CONDUCTOR	400 M.
6.	MAX.SAG AT NORMAL SPAN	8.84 M.
7.	CROSSING SPAN	192 M.
8.	Preceding span	188 M.
9.	Succeeding span	380 M.
10.	Height of structure above ground and below ground separately and details of foundation	A) Location No.12 (DD+18) height above GL 64.150 M depth below GL 3.00M. B) Location No.45/0 (DD+25) height above GL 71.150 M depth below GL 3.00M
11.	Max.SAG OF ACSR Moose CONDUCTOR SIZE 54/3.53mm AL+7 /3.53mm at Crossing	0.378 M
12.	CLEARANCE OVER ROAD	38.4 M


SDO


प्रबन्धक (तकनीकी)
प० का० ई०, रायबरेली
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)



EE


परियोजना निदेशक
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)
परियोजना कार्यालयन इकाई
रायबरेली

13.	Height above ground level of (1) Lowest conductor on insulator and (2) guard wire on bracket above ground level	ON TOWER NO 12-39.865 M. ON TOWER NO 13 – 46.865M
14.	Height of road level above ground level measured at the foot of the structure.	Location No. 12 DD+18 = 1.429M. Location No. 13 DD+25 = 2.400 M
15.	Angle of road crossing	80° 00' 00"
16.	Distance from NH Boundary From center of tower	Loc. No. 12 (DD+18) = 75 M. Loc. No. 13 (DD+25) = 90 M
17.	Perpendicular distance from center of tower to center of road	Loc. No. 12 (DD+18) = 88 M. Loc. No. 13 (DD+25) = 104 M
18.	Protection of assembly to the line	NA
19.	No. of stay required	NO.
20.	Minimum Factor of Safety	2.
21.	Size of power conductor mm.	ACSR MOOSE Conductor over all dia.31.77 MM)
22.	Size of Earth Wire & OPGW	OPGW(Dia 12.8 mm) Earth Wire(Dia 10.98mm)
23.	FOUNDATION TYPE	FS
24.	PLAN PAPER DIAGRAM	PROFILE (ENCLOSED)
25.	EARTHING	PIPE TYPE EARTHING


Sub Divisional Officer
Electy. Transmission Sub-Division-I
U.P.P.T.C.L.
Raebareli


Executive Engineer
Electricity Transmission Division
U.P. Power Transmission Corp. Ltd.
Rae Bareli


प्रबन्धक (तकनीकी)
प० का० ई०, रायबरेली
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)


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परियोजना कार्यालय रायबरेली
रायबरेली