

Government of India

Ministry of Road Transport & Highways

(Chief Engineer - Regional Office, Lucknow)

N.H. Bhawan, Biotech Chowk, Lucknow Ring Road, Vikas Nagar, Lucknow - 226 022

Ph.: (0522) - 2967112, 2738226 (Tele-Fax)

Dated: 29.05.2019

Invitation of public comments

Sub.: Proposal for NOC for erection/installation of 132 KV Sarh - Hamirpur (One Circuit) LILO @ GTPS Electric Line/Tower Crossing of NH-86 (New NH-34) at Km 55.580 at near village - Ajyori, Tehsil - Ghatampur, District - Kanpur Nagar in the State of Uttar Pradesh - Reg.

1. The Executive Engineer, UP Power Transmission Corporation Ltd., Electricity Transmission Division-II, Vidyut Colony, Govind Nagar, Kanpur has submitted the proposal for erection/installation of 132 KV Sarh - Hamirpur (One Circuit) LILO @ GTPS Electric Line/Tower Crossing of NH-86 (New NH-34) at Km 55.580 at near village - Ajyori, Tehsil - Ghatampur, District - Kanpur to the Project Director, NHAI, PIU, Kanpur.

2. From the submitted proposal, it is seen that the height of both the pylons on which the proposed overhead line is hanging is 35.849m. The pylons on either side are erected at distance of 80m & 60m from the National Highway boundary. Further, it noted that the minimum clearance between the lowest conductor of the proposed line and NH carriageway is 16.52m. However, the proposed transmission line shall be crossing the National highway at 90 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 public on the above application is invited to the below mentioned address:

The Chief Engineer - Regional Officer,
Ministry of Road Transport & Highways,
N.H. Bhawan, Biotech Chowk, Lucknow Ring Road,
Vikas Nagar, Lucknow - 226 022.

Encl.: As above.

Yours faithfully,


(Lalit Pratap Pal)

Assistant Executive Engineer
for Chief Engineer - Regional Officer

Copy to:

- (i) NIC, New Delhi - for uploading on the Ministry's website.
- (ii) The Regional Officer, UP-West, National Highways Authority of India, 3/248, Vishal Khand, Gomti Nagar, Lucknow - 226 010.
- (iii) The Executive Engineer, Electricity Transmission Division-II, UPPTCL, Vidyut Colony, Govind Nagar, Kanpur.


(Lalit Pratap Pal)

Assistant Executive Engineer
for Chief Engineer - Regional Officer

CHECK-LIST

FOR NH -34 ROAD CROSSING BY LILO OF ONE CKT.OF 132 KV D/C SADH
(220) KANPUR DEHAT - HAMIRPUR @ GHATAMPUR TPS T/LINE

S.NO.	DESCRIPTION	DETAILS
1.	National Highway Number	NH-34
2.	Name of Crossing	KANPUR - SAGAR
3.	SYSTEM OF SUPPLY (i.e VOLTAGE) FREQUENCY NO.OF PHASES,WHETHER NEUTRAL IS EARTHED OR NOT	132 KV.D/C 6 phase 50 cycles A.C. AND 1 EARTH WIRE
4.	Position of towers	BETWEEN LOC. NO.02 _ (DC+5) & 03 (DB+5)
5.	NORMAL SPAN	380 M.
6.	MAX.SAG AT NORMAL SPAN	10.475 M.
7.	CROSSING SPAN	160 M.
8.	Preceding span	320 M.
9.	Succeeding span-	310 M.
10.	Height of structure above ground and below ground separately and details of foundation	A) Location No.02 (DC+5) height above GL 35.849 M depth below GL 3.00M. B) Location No.03 (DB+5) height above GL 35.849 M depth below GL 3.00M
11.	SAG OF 2*2 PANTHER CONDUCTOR SIZE 30/3.00 + 7/3.00 MM	$6.520 * (214)^2 / (380)^2 + 0.420$ (sag error)=2.48
12.	CLEARANCE OVER ROAD	16.52.00 M.
13.	Height above ground level of (1) Lowest conductor on insulator and (2) guard wire on bracket above ground level	16.52.00 M.

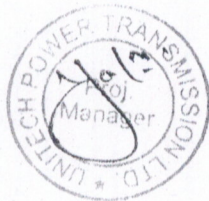
(सहायक प्रमुख, यौधेयरी)
महानगर, कानपुर-निदेशक
मो. 983838, पं.का.इ. कानपुर




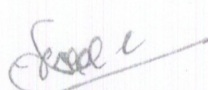
MANAGER (Tech)
NH (DB) KANPUR (U.P.)


Executive Engineer
Electy. Transmission Div.-II
U.P. Power Transmission Corpn. Ltd.
Vidyut Colony, Govind Nagar
Kanpur

14.	Height of road level above ground level measured at the foot of the structure.	Location No. 02 DC+5 = 3.51 M. Location No. 03 DB+5 = 3.54 M
15.	Angle of road crossing	90° 00' 00"
16.	Distance from NH Boundary From center of tower	Loc. No. 02 (DC+5) = 80 M. Loc. No. .03 (DB+5) = 60 M
17.	Perpendicular distance from center of tower to center of road	Loc. No. 02 (DC+5) = 92 M. Loc. No. .03 (DB+5) = 68 M
18.	Protection of assembly to the line	Anti Climbing devices provided
19.	No. of stay required	NO.
20.	Minimum Factor of Safety	
21.	Size of power conductor mm.	Panther (Conductor dia. 21MM)
22.	Size of Earth Wire	Steel 7/3.00 (Overall Diameter - 21 mm)
23.	FOUNDATION TYPE	FS
24.	PLAN PAPER DIAGRAM	PROFILE (ENCLOSED)
25.	EARTHING	PIPE TYPE EARTHED




MANAGER (Tech)
NHAI, PID, KANPUR(U.P.)


Executive Engineer
Electy. Transmission Div.-II
U.P. Power Transmission Corpn. Ltd.
Vidyut Colony, Govind Nagar
Kanpur


(सहायक लाल चौधरी)
(सहायक)-सह-परियोजना निदेशक
भा.स.स.प्र., प.का.इ., कानपुर