

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: 10.09.2020

Invitation of public comments


Sub.: Proposal for NOC for overhead crossing of 132 KV 3 phase Gola-Nighasan Transmission line at Km106 Ch 105.587 in the section of Khutar to Lakhimpur on NH-730 near village - Kunethia, District -Lakhimpur in the State of Uttar Pradesh - Reg.

1. M/s U.P. Power Transmission Corporation Limited, (Chhouch) Lakhimpur-Kheri has submitted the proposal for overhead crossing of 132 KV Gola-Nighasan Transmission line near village- Kunethia in the section of Khutar to lakhimpur on NH-730 at Km 106 Ch 105.587 to the EE, NH Division Lakhimpur for consideration.
2. From the submitted proposal, it is seen that the height of one of the tower on which the proposed overhead line is hanging is 37.04 m and of the other is 42.04 m above the GL. The structure on either side are erected at distance of 51m & 188m from the National Highway boundary. Further, it noted that the minimum clearance between the lowest conductor of the proposed line and NH carriageway is 18.48 m.
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,


(Raj Kumar)

Assistant Executive Engineer
For Chief Engineer - Regional Officer

Copy to:

- (i) NIC, New Delhi - for uploading on the Ministry's website.
- (ii) The Chief Engineer (NH), U.P., P.W.D., 96, M.G. Marg, Lucknow - 226 001.
- (iii) Executive Engineer, Electricity Transmission Division, UPPTCL, Lakhimpur-Kheri, U.P 262701


(Raj Kumar)
Assistant Executive Engineer
For Chief Engineer - Regional Officer

Name of Transmission Line :

132KV 3PHASE GOLA-NIGHASAN LINE


1.	Situation of the EHV transmission line crossing on National Highway.	On National Highway – 730 crossing chainage 4.500 KMS. From Gola Gokarnnath (near village:- KONETHIA)
2.	Angle of crossing of the transmission line with the National Highway at crossing point	80° 30' 43.5"
3.	The length of the span at the crossing and also those on either side of the crossing	A) Crossing span 269 Mtr. B) Preceding span 330 Mtr. C) Succeeding span 206 Mtr.
4.	In the event of the transmission line deviating at any of the supports of the crossing necessitating one of the structures to be corner structures, state angle of such deviation the deviation of the span on either side of crossing shall be illustrated in the sketch mentioned in the clause 2 above.	Location No. AP 12 DC+05 < 08° 57' 19" RT' AP 13 DC+10 < 02° 16' 59" LT'
5.	The number, size and the material of the conductors and wires crossing the NH each wire under phase, neutral each, guard, bearer and ground cross wire should be separately described and their disposition indicated by means of sketch.	Panther Conductor dia 21.00 mm, No. of Conductor-03 Nos. Unit Weight 0.976 Kg/m, Ultimate Strength 9146 kg. A) Aluminum – 30/3.00 mm, Steel –7/3.00 mm B) Overall Diameter of Earth wire 9.450 mm C) (Steel 7/3.251mm)), no. of Earth wire - 1 Nos.
6.	Indicate whether the proposed guard is to be restricted to the crossing span or it is to be continued over the adjacent span.	Not Applicable
7.	The deviation of the span on either side on the crossing shall be illustrated in the sketch mentioned in the clause 2 above.	Enclosed in sketch.
8.	System of supply (i.e. Voltage) frequency, No. of phases, whether neutral is earthed or not.	132KV, 50 Hz, 03Phase with 1 earth wire.
9.	Height of structure above ground and below ground separately and details of foundation.	A) Location No.AP12 (DC+05) height above GL 37.04 M depth below GL 3.00 M. A) Location No.AP13 (DC+10) height above GL 42.04 M depth below GL 3.00M.

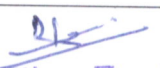
Countersigned

17/07/2020
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Executive Engineer
Electy. Trans. Division
U.P.P.T.C.L.
Lkhimpur-Kheri

10.	Height above ground level of (1) Lowest conductor on insulator and (2) guard wire on bracket above ground level.	Location No.
		AP 12 DC+05 = 21.80 M.
		Location No.
		AP 13 DC+10 = 26.800 M
11.	Height of road level above ground level measured at the foot of the structure.	Location No.
		AP 12 DC+05 = 1.50 M.
		Location No.
		AP 13 DC+10 = 1.50 M.
12.	Clearance under maximum sag condition between road level and the lowest live conductors & between road level and lowest guard wire (State if "box" type guarding is provided in case of adoptions of unearthed neutral system).	At Null Point At Road end side = 18.48 M \pm 2%
13.	Ultimate Tensile stress of the steel wire used for guard for earth wire in tones per Sq. Cms.	Not applicable
14.	Approximate distance of each of the structures to the nearest NH Boundary (marked by pillars/ Fencing) measured along the alignment of the transmission line.	Location No. AP-12 DC+05 = 51M.
		Location No. AP13 DC+10 = 188 M.
15.	Are the proposed structure is in NH boundary.	Outside NH boundary.
16.	Are approved anticlimbing devices and warning notices provided on the structures erected.	Danger boards are provided on both the Towers.
17.	Estimated block time to finish the job.	Not Required we shall take precautions to provide sporting structures both side of roads.
18.	Dimensions and types of brackets used for the cross arms as well as for the guards wires.	Not applicable for transmission Line.
19.	In each structure of the crossing span independently earthed by means of an earth plate.	Yes, each structure is earthed.
20.	In each structure supported by means of stage in three directions give the size of guy wires, (the neglected in calculating the strength of structure).	No. guys or stays are provided structures are self supporting.
21.	If no guard is provided, in the transmission line protected by device to ensure instantaneous isolation is conduction?	Yes, the transmission line is protected instantaneously by high speed protection relays.
22.	Type of insulators used.	Porcelain Disc of double String 18 Discs of electromechanical strength if single disc = 120 KN.
23.	State the method of maintenance to be employed to ensure the following protections.	
a)	From overhanging or decaying trees which might fall on the line.	a) Tree clearance to a width of 13.5 M is done.

Covered signed

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b)	To reduce the hazard to life and property.	b) Warning boards are provided.
c)	Supporting structure including guys, from the danger of being struck by moving road vehicle.	c) Structures are at safe distance from road.
24.	Drawing showing details of crossing disturbance of road, ground or attachment that may be necessary (To be supplied in quadruplicate.)	Enclosed.

Countersigned

[Signature]
17/07/2020

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लखीमपुर-खीरी

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Executive Engineer
Electy. Trans. Division
U.P.P.T.C.L.
Lkhimimpur-Kheri