



पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
POWERGRID CORPORATION OF INDIA LIMITED
(A Govt. of India Enterprises)



Transmission Line Office Complex, NR-II, Sarna, Pathankot - 145025.
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Ref. No.: N2PK/800KV/KMTL-I/ROW/2017-18

DATE: 10.04.2017

To
Sh. Harpal Singh,
S/O Sh Hoshnak Singh,
Abrol Nagar, Pathankot.

SUB: Issue of NOC regarding construction of Hotel cum restaurant on NH15 near village Kanwan along the 800kV KMTL-I.

Dear Sir,

It is to inform you that your request for issue of NOC for construction of the Hotel cum restaurant on NH15 near village Kanwan along the 800kV KMTL-I between span 275-276 has been rejected by the higher authority. The reason for rejection is that any construction of building in the ROW of the 800kV KMTL-I is not allowed.


10/4/17
Chief Manager (I/C)
Sarna

**POWERGRID CORPORATION OF INDIA LIMITED
GROUP HEAD QUARTER
TRANSMISSION LINE OFFICE
SARNA**



NP-1

Ref. No.: N2PK/TL/800kV/KMTL-I/2016-17/115676

Date: 18.02.2017

SUB: Issue of NOC regarding construction of Hotel cum Restaurant on NH15 near village Kanwan along the 800kV KMTL-I between T. No. 275 (D+0) – 276(A+9).


Sh. Harpal Singh Son of Sh. Hoshnak Singh resident of Abrol Nagar, Pathankot has submitted proposal along with the request letter for issue of NOC for the construction of hotel cum restaurant on NH26 near village Kanwan adjoining to 800KV KMTL-I between the tower no. 275-276.

- 1.0 Joint inspection was carried with Sh Harpal Singh on 04.01.2017. He was advised to construct the building at a minimum distance of 15meters away from the outer conductor of the line. The owner has submitted the drawing of the proposed hotel cum restaurant after making amendments as advised. As per the drawing submitted the permanent structure of the building has been demarked to be constructed at 15meters from the outer conductor of the said line.
- 2.0 As per Government of India Safety regulations the minimum clearance of the permanent structure from the 800KV transmission line is 9meters.
- 3.0 In view of the above, it is proposed that the necessary approval/advice may kindly be conveyed for issue of the NOC to Sh Harpal Singh for construction of hotel cum restaurant near village Kanwan on NH15 (Pathankot-Amritsar Road).
- 4.0 Submitted please.


Encl: Proposal


(Lovdeep Top)
Sr. Engineer

Chief Manager (I/c) Sarna


18/2/17


AGM (Punjab) Jalandhar




21/2/17

DGM (ES/FQA/PESM) NR-II Jammu

return to Am dept - 
27/2/17

Note Misc.

 Asst GM (AM)

Pl. examine.
 21/2/17
 27/2/17

DCM AM (TL)

Please see NP-2

ASST GM (AM) 27/2/17
28-2-17 115676

NP-2

POWERGRID CORPORATION OF INDIA LIMITED
Regional Asset Management Department
NRTS-II, RHQ Jammu.



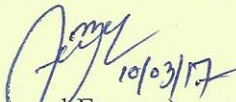
पावरग्रिड

Subject: NOC regarding construction of Hotel cum restaurant on NH15 near village Kanwan along the 800kV KMTL-I between T. No. 275 – 276.

Proposal for issuance of NOC for subject matter is examined in RHQ/AM, following is observed:-

- i. Indian Electricity rules, 1956 chapter-VIII for overhead lines, **rule 80 Clearances from buildings of high and extra high voltage lines** and as per Safety rules Chapter VII for Safety requirement for overhead lines, rule 61 regulations requirement for overhead lines, states that an over head line shall not cross over an existing building as far as possible and no building shall be constructed under an existing overhead line. Horizontal clearance between the nearest conductor and any part of such building shall be on the basis of maximum deflection due to wind pressure.
- ii. As per IS 5613 the minimum width of Right of way requirement shall be calculated based on maximum swing due to maximum wind pressure and maximum sag. The minimum ROW for 800kV Kishanpur-Moga Transmission line is 85m. **As per rule 63 of Electricity safety rule (Erection or Alteration of buildings, structures, flood banks and elevation of roads.** If any person proposes to erect a new building or structures, the proposal should meet the requirement of Right of Way (ROW).
- iii. In the instant proposal, party is proposing to construct complex keeping just 15m away from last conductor and also proposing to construct parking underneath of tower/conductors which is violation of ROW and any construction in ROW is safety threat to the lives and property. Thus it is advised that no construction may be allowed in ROW of the line 42.5m either side from the central line of transmission line.

Submitted please.


(Mohammad Farooq)
Chief Manager (AM)

Asstt. GM (AM):

AGM(Punjab)

Asstt. Manager (C/C) Sama

S. George Samra

381
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2044
20/3/17

ASST+GMAM 543

10-376-115676

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6/4/17

60. Clearance from buildings of lines of voltage and service lines not exceeding 650 Volts.- (1) An overhead line shall not cross over an existing building as far as possible and no building shall be constructed under an existing overhead line.

(2) Where an overhead line of voltage not exceeding 650 V passes above or adjacent to or terminates on any building, the following minimum clearances from any accessible point, on the basis of maximum sag, shall be observed, namely:-

(i) for any flat roof, open balcony, varandah roof and lean-to-roof-

(a) when the line passes above the building a vertical clearance of 2.5 metres from the highest point, and

(b) when the line passes adjacent to the building a horizontal clearance of 1.2 metres from the nearest point, and

(ii) for pitched roof-

(a) when the line passes above the building a vertical clearance of 2.5 metres immediately under the line, and

(b) when the line passes adjacent to the building a horizontal clearance of 1.2 metres.

(3) Any conductor so situated as to have a clearance less than that specified above shall be adequately insulated and shall be attached at suitable intervals to a bare earthed bearer wire having a breaking strength of not less than 350 kg.

(4) The horizontal clearance shall be measured when the line is at a maximum deflection from the vertical due to wind pressure.

(5) Vertical and horizontal clearances shall be as specified in schedule-X.

Explanation:- For the purpose of this regulation, the expression "building" shall be deemed to include any structure, whether permanent or temporary.

61. Clearances from buildings of lines of voltage exceeding 650 V.- (1) An overhead line shall not cross over an existing building as far as possible and no building shall be constructed under an existing overhead line.

(2) Where an overhead line of voltage exceeding 650 V passes above or adjacent to any building or part of a building it shall have on the basis of maximum sag a vertical clearance above the highest part of the building immediately under such line, of not less than-

(i) for lines of voltages exceeding 650 Volts - 3.7 metres
upto and including 33,000 Volts

(ii) for lines of voltages exceeding 33 kV - 3.7 metres plus 0.30 metre
for every additional 33,000
Volts or part thereof.