

पावर ग्रिड कारपोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)



केन्द्रीय कार्यालय : "सौदामिनी" प्लॉट सं. 2, सैक्टर-29, गुडगाँव-122 001, हरियाणा
फोन : 2571700 - 719, फैक्स : 2571760, 2571761 तार 'नेटग्रिड'
Corporate Office : "Saudamini" Plot No. 2, Sector-29, Gurgaon-122 001. Haryana
Tel. : 2571700 - 719, Fax : 2571760, 2571761 Gram : 'NATGRID'

संदर्भ संख्या/Ref. No./COR/RTI/2014/225

Date: 1st April, 2015

Shri Govind Narayan Parganiha
6/b 100 Unit Nandini Nagar
Durg Chattisgarh-490036.

Sub: **Information under Right to Information Act, 2005.**

Dear Mr. Parganiha,

This has reference to your RTI request dated 9th March 2015 seeking information under RTI Act, 2005.

The information related to POWERGRID is attached at **Annex-I**.

Details of Appellate Authority, as per the provisions of RTI Act, 2005 is as under:

Shri B. Mishra
Executive Director (CP & IT) & Appellate Authority,
Corporate Centre, Power Grid Corporation of India Limited,
"Saudamini", Plot No. 2, Sector-29 Gurgaon – 122007, Haryana.

Thanking You,

भवदीय,

(सुधीर मित्तल)

महाप्रबंधक(के.आ.)एवं के.लो.सू.अधिकारी

Information sought by Sh. Govind Narayan Parganiha, Durg, Chattisgarh
under the RTI Act, 2005.

1. The overhead transmission lines in the country are constructed as per the Central Electricity Authority's Regulations 2010/2011 viz. "Technical Standards for Construction of Electrical Plants and Electric Lines", "Measures relating to Safety and Electric Supply" & "Safety requirements for Construction, Operation and Maintenance of Electrical Plants and Electric Lines" as well as Bureau of Indian Standard IS: 5613.

CEA's Regulations for "Measures relating to Safety and Electric Supply, 2010" inter-alia stipulate under clause no. 61, that 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. Further, in case of an overhead line conductor passing above or adjacent to any building or part of a building, the minimum electrical clearances are stipulated.

2. Clause No. 61 of Central Electricity Authority Regulations for "Measures relating to Safety and Electric Supply" inter-alia stipulate the required vertical and horizontal clearances of an overhead line conductor (under maximum sag & swing condition) passing above or adjacent to any building or part of a building.

The minimum stipulated clearances are based on voltage level of the overhead power line. For lines exceeding 33 kV, the minimum vertical clearance of overhead line conductor under maximum sag is 3.7 m plus 0.3 m for every additional 33 kV or part thereof and the minimum horizontal clearance of overhead line conductor under swing condition is 2.0 m plus 0.3 m for every additional 33 kV or part thereof.