

पावर ग्रिड कारपोरेशन ऑफ इंडिया लिमिटेड

(भारत सरकार का उद्यम)

POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)



पावरग्रिड

केन्द्रीय कार्यालय : "सौदामिनी" प्लॉट सं. 2, सैक्टर-29, गुडगाँव-122 001, हरियाणा
फोन : 0124-2571700-719, फ़ैक्स : 0124-2571760, 2571761 तार 'नेटग्रिड'
Corporate Office : "Saudamini" Plot No. 2, Sector-29, Gurgaon-122 001. Haryana
Tel. : 0124-2571700-719, Fax : 0124-2571760, 0124-2571761 Gram : 'NATGRID'

संदर्भ संख्या / Ref. No.

C/CP/RTI/2015/23

Date: 19th May, 2015

Shri Iqbal Samad
A-1 Opposite ESI Hospital
Hatwaria Road Jaipur
Rajasthan-302019

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

Dear Mr. Iqbal,

This has reference to MoP letter dated 23rd April 2015 (received on 28th April, 2015), transferring your request for information dated 22nd April, 2015, under RTI Act, 2005.


The information sought 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) 19.5.15

महाप्रबंधक(के.आ.) एवं के.लो.सू.अधिकारी

Information sought by Sh. Iqbal Samad, Jaipur
under the RTI Act, 2005.

The 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. These documents are available in public domain and can be accessed from the web sites/ offices of CEA & BIS. These regulations provide the parameters for various voltage levels of the transmission lines.

The point-wise reply is given below:

1. Line width is generally defined as Right of Way (ROW). For 765 kV lines, ROW are as given below:
 - 765 kV S/C (Delta configuration) = 64m
 - 765 kV S/C (Horizontal configuration) = 85m
 - 765 kV D/C (Vertical configuration) = 67m
2. Central Electricity Authority Regulations for "Measures relating to Safety and Electric Supply, 2010" inter-alia stipulate under clause no. 61, the horizontal clearance of an overhead line conductor passing above or adjacent to any building or part of a building. As per the regulation, minimum horizontal clearance comes out to 8.9 m for 765 kV lines from outer phase of the line.
3. Safe EHV line corridor is the Right of Way (ROW) as indicated at point-1.
4. Minimum ground clearance from lowest conductor is now governed by Central Electricity Authority Regulations for "Measures relating to Safety and Electric Supply, 2010". For 765 kV lines, ground clearance is generally kept as 15.0m.
5. Other information may be seen from the above mentioned regulations.