



सूचना  
का अधिकार

पावर ग्रिड कोर्पोरेशन ऑफ इंडिया लिमिटेड  
Power Grid Corporation of India Limited

सूचना का अधिकार अभिनियम 2005 के अंतर्गत केन्द्रीय लोक सूचना अधिकारी  
Central Public Information Officer under the RTI Act, 2005  
केन्द्रीय कार्यालय, 'सादामिनी', प्लॉट नं.2, सेक्टर-29, गुडगांव, हरियाणा-122007  
Corporate Centre, 'Saudamini', Plot No. 2, Sector-29, Gurgaon, Haryana-122007



PGCIL/R/2019/50122  
Dated : 18 April, 2019

j senthil kumar,  
122-Kandikkattuvalasu (po), avalpoondurai(via), Erode, Tamilnadu, Pin:638115,

Sub: Information under Right to Information Act, 2005.

Sir/Madam,

This has reference to your RTI request dated 5 March, 2019 for providing information under RTI Act, 2005.

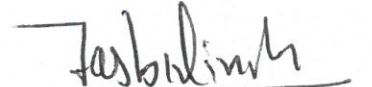
The desired information is attached at Annexure-I.

First Appeal, if any, against the reply of CPIO may be made to the first appellate Authority within 30 days of the receipt of the reply of CPIO. Details of Appellate Authority at Corporate Centre, Gurgaon, under RTI Act, 2005 is as below:

Shri Sanjeev Singh,  
Executive Director (CMG) & Appellate Authority  
Corporate Centre, Power Grid Corporation of India Limited  
"Saudamini", Plot No. 2, Sector-29, Gurgaon – 122007, Haryana.  
Email ID: sanjeev@powergridindia.com  
Phone No. 0124-2571962

Thanking you,

भवदीय,

  
(जसबीर सिंह) 18/4/19

वरिष्ठ महाप्रबंधक (के. आ.) एवं के.नो.सू.अधिकारी

Email ID: [cpio.cc@powergrid.co.in](mailto:cpio.cc@powergrid.co.in)

## Annexure-I

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 ground clearance for the Transmission Lines of various voltage levels are governed by above mentioned Documents. Further, as per MoEF's Guidelines for Laying of Transmission Lines in Forest Areas, the minimum clearance between conductor and trees shall be 4m for 132kV, 4.6m for 220kV, 5.5m for 400kV, 7.4m for +/-500kV HVDC, 9m for 765kV, 10.6m for +/-800kV HVDC and 13m for 1200kV. The maximum sag and swing of the conductors are to be kept in view while working out the above mentioned minimum clearances.

