



पावर ग्रिड कॉर्पोरेशन 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, 'सौदामिनी', प्लॉट नं.2, सेक्टर-29, गुडगांव, हरियाणा-122001
Corporate Centre, 'Saudamini', Plot No. 2, Sector-29, Gurgaon, Haryana-122001
CIN : L40101DL1989GOI038121



दिनांक: 18 September, 2023

PGCIL/R/E/23/00299

Sanjit,
Rishank Imperia, Tadepalli, Guntur, Pin:522502

विषय: सूचना का अधिकार अधिनियम, 2005 के तहत जानकारी ।

महोदय / महोदया,

कृपया आर.टी.आई. अधिनियम, 2005 के तहत दिनांक 17 August, 2023 को प्राप्त अपने आर.टी.आई. अनुरोध का संदर्भ लें ।

उपरोक्त पत्र में वांछित जानकारी अनुलग्नक-1 में संलग्न है ।

यह उल्लेख किया जा सकता है कि अधोहस्ताक्षरी 13-15 सितंबर, 2023 तक दौरे पर थे। 18 September, 2023 को कार्यालय में पुनः शामिल होने के बाद, उत्तर तुरंत भेजा जा रहा है।

यदि आप केंद्रीय लोक सूचना अधिकारी के उत्तर से संतुष्ट न हों तो, केंद्रीय लोक सूचना अधिकारी के उत्तर की प्राप्ति के 30 दिनों के भीतर पहले अपील प्राधिकारी के सम्मुख अपील की जा सकती है। आर.टी.आई अधिनियम, 2005 के तहत केंद्रीय कार्यालय, गुडगांव में अपील प्राधिकारी का विवरण निम्नानुसार है:

श्री बी.अनंत शर्मा

कार्यपालक निदेशक (केंद्रीय आयोजना एवं सी. एस.) एवं अपील प्राधिकारी

केंद्रीय कार्यालय, पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड,

सौदामिनी, प्लॉट नंबर-2, सेक्टर-29, गुडगांव-122001, हरियाणा।

ईमेल आईडी: appellate.cc@powergrid.co.in

फोन नंबर: 0124-2571994

धन्यवाद,

भवदीय,
(1) जगन्नाथ राव
18/9/23

(ए. जगन्नाथ राव)

मुख्य महाप्रबंधक (केंद्रीय आयोजना) एवं
केंद्रीय लोक सूचना अधिकारी

Email ID: cplo.cc@powergrid.co.in

Sub: Reply to RTI Request of Sh. Sanjit, Guntur, Andhra Pradesh
(RTI Regn. No. PGCIL/R/E/23/00299)

Sl. No.	Information sought:	Reply:
1.	What is the prescribed height for 500 KV and above power transmission tower and line.	<p>The height of towers generally depends upon various parameters such as voltage level, no. of circuits, type of towers, conductor type & bundle configuration, Span, ground clearances, electrical clearances, type of crossings etc. These parameters are stipulated in the Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2023 as well as IS: 5613 published by Bureau of Indian Standards.</p> <p>For illustration purpose, the Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2023 at page no. 178 (PDF page no. 79), Schedule VIII A, provides requirement for one of the parameter "<i>Minimum clearance in air above ground and across road surface of Highways or roads or railway corridors or navigational or non-navigational rivers for lowest conductor of an alternating current overhead lines, including service lines of nominal voltage system</i>". The said document is available in public domain at following link:- https://cea.nic.in/regulations-category/measures-relating-to-safety-and-electric-supply/?lang=en</p>

आकाश
18/09/2023

(Signature and name of Manager/Executive Engineer/ Incharge of the installation)

Contact details (Address /Mobile No./Phone No./Email)

To,
The Secretary
Central Electricity Authority
Sewa Bhawan, R.K. Puram
New Delhi-110066

Schedule VIII A

Minimum clearance in air above ground and across road surface of Highways or roads or railway corridors or navigational or non-navigational rivers for lowest conductor of an alternating current overhead lines, including service lines of nominal voltage system.

[See sub-regulation (1) of regulation (60)]

Nominal voltage of system	Clearance above ground			Clearance between conductor and road surface across Highway (m)	Clearance between conductor and rail level across Railway Corridor (m)		Clearance above HFL for River crossing	
	Across Street (m)	Along Street (m)	Elsewhere (m)		Normal OHE (where no double stack containers are to be run on railway tracks.)	High rise OHE for running of double stack containers on railway tracks.	Navigational river (m)	Non-navigational river (m)
Up to 650 V	5.80	5.50	4.60	U/G Cable	U/G Cable	U/G Cable	16.50	5.80
11 kV	6.50	5.80	4.60	U/G Cable	U/G Cable	U/G Cable	19.00	6.50
22 kV	6.50	5.80	5.20	U/G Cable	U/G Cable	U/G Cable	19.00	6.50
33 kV	6.50	5.80	5.20	11.60 or U/G Cable	U/G Cable	U/G Cable	19.00	6.50
66 kV	6.50	6.10	5.50	11.60 or U/G Cable	U/G Cable	U/G Cable	19.00	6.50
110 kV	6.50	6.10	6.10	11.60	15.56	17.56	19.00	6.50
132 kV	6.50	6.10	6.10	11.60	15.56	17.56	19.22	6.50
220 kV	7.02	7.02	7.02	12.52	16.46	18.46	20.10	7.02
400 kV	8.84	8.84	8.84	14.00	18.26	20.26	21.90	8.84
765 kV	18.00*	18.00*	18.00*	18.80	21.86	23.86	25.55	18.00
1200 kV	24.00*	24.00*	24.00*	30.00	25.46	27.46	29.90	24.00

For navigable rivers, clearances shall be fixed in relation to the tallest mast in consultation with the concerned navigational/port authorities.

* Higher clearance due to predominantly induction effects and time varying electric field (ICNIRP limit: 10kV/m for occupational exposure) at voltage exceeding 400 kV.