



सूचना  
का अधिकार

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-122007  
Corporate Centre, 'Saudamini', Plot No. 2, Sector-29, Gurgaon, Haryana-122007



PGCIL/R/21/M-16

दिनांक: 6 August, 2021

**Shri Dayabhai Ranchhoddas Parmar,**  
6150/6, Santushti Apartment, Sector-D, Pocket-6, Vasant Kunj,  
New Delhi - 110070

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

महोदय / महोदया,

कृपया आर.टी.आई. अधिनियम, 2005 के तहत दिनांक 7 July, 2021 को प्रेषित अपने आर.टी.आई. अनुरोध का संदर्भ लें।

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

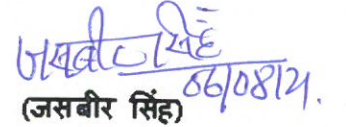
यदि आप केन्द्रीय लोक सूचना अधिकारी के उत्तर से संतुष्ट न हो तो, केन्द्रीय लोक सूचना अधिकारी के उत्तर की प्राप्ति के 30 दिनों के भीतर पहले अपील प्राधिकारी के सम्मुख अपील की जा सकती है। आरटीआई अधिनियम, 2005 के तहत केन्द्रीय कार्यालय, गुडगांव में अपील प्राधिकारी का विवरण निम्नानुसार है:

**श्री बी. अनंत शर्मा**

कार्यपालक निदेशक (सी. एस.) एवं अपील प्राधिकारी  
केन्द्रीय कार्यालय, पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड,  
सौदामिनी, प्लॉट नंबर-2, सेक्टर-29, गुडगांव-122001, हरियाणा।  
ईमेल आईडी: [appellate.cc@powergrid.co.in](mailto:appellate.cc@powergrid.co.in)  
फोन नंबर: 0124-2571994

धन्यवाद,

भवदीप,

  
(जसबीर सिंह)

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

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

**Sub.: Reply to RTI Query by Shri Dayabhai Ranchhoddas Parmar, Delhi.**

Sl. No.	Query	Reply
1.	Procurement of Composite Long Rod Polymer Insulators by PGCIL - furnish data in the table (Table A and B) as per the format enclosed with this application.	<p>General information regarding the contract(s) awarded by POWERGRID, such as name of contractor, tender description, date of award, value of the contract, and other related information can be seen from POWERGRID's official website i.e. <a href="http://www.powergridindia.com/">http://www.powergridindia.com/</a> under the head Tenders.</p> <p>Further, details of tenders (i.e. Tender Publication Date, Bid Open Date, Tender Category, Sector) floated including tender documents for the subject tenders are also available on the subject website.</p>
2.	Supply each kind of drawing corresponding to KN wise (90,120,160, 210 and 400KN) for each KV (AC and DC type) lines 132, 220,400,500,765 and 800 as the case may be;	Composite long rod insulators procured for transmission lines generally conform to IS-16784. Further, technical specifications for composite long rod insulators for various transmission line projects are available in the public domain and can be accessed under the Tenders section of POWERGRID's website.
3.	Procurement of Composite Long Rod Polymer Insulators by PGCIL - furnish data in the table (Table C) as per the format enclosed with this application.	Future requirements of composite long rod insulators in transmission lines shall depend on the quantum of upcoming transmission systems.
4.	Statement on the Replaced Composite Long Rod Polymer Insulators during the last ten (10) years from various Transmission lines of all regions of Power Grid Corporation of India Limited (PGCIL). Please furnish data in the table (Table D and E) as per the format enclosed with this application.	No case of replacement of Composite Long Rod Polymer Insulators in POWERGRID due to redundancy/obsolete.

5.	Provide technical specification of polymer (composite material) and silicon used for making insulator. Also, provide equivalent India standard or plastic standard to which the material conforms.	Same as reply 2.
6.	Provide the data as per table F and G on the wastage due to breakage or failure or redundancy/obsolete inventory.	Few instances of failure have been reported In POWERGRID. If any CLR gets failed or become defected, the same is taken back by the supplier for further examination of failure.
7.	Provide a list of hazardous content present in Composite Long Rod Polymer Insulators.	Same as reply 2.
8.	Are polymer and fiberglass rods used in the manufacture of insulators being embedded part Biodegradable?	Same as reply 2.
9.	Provide usage life (age) of Composite Long Rod Polymer Insulators per your purchase specifications with relevant technical specifications.	Normally Composite Long Rod Polymer Insulators are purchased for the useful life of transmission line i.e. 35 years. However, it is to mention that CLR insulator was used in 1997 for the first time and since then it has been in service in POWERGRID.
10.	Is this product, once installed on the line, can be re-used, or it needs to be replaced by a new unit for maintenance of electrical properties?	It can be re-used considering the condition of CLR.
11.	Can this product be classified as a Single-use plastic/electrical item for electrical lines?	No
12.	Whether the insulators specified and purchased by PGCIL have plastic wrapping cover?	Same as reply 2.
13.	What kind of wrapping plastic do you use and specify? Provide the specification.	Same as reply 2.
14.	Furnish the specification of wrapping plastic like GSM and will that be classified as single use plastic item?	Same as reply 2.
15.	What would be a total waste in KGs wrapping plastic generated by PGCIL on procured insulators as per the quantity in the enclosed Tables?	Wrapping material is taken back by the supplier after installation. As such no waste of wrapping plastic is generated in POWERGRID.

16.	How has PGCIL handled the waste generated under point 15?	Not Applicable.
17.	Provide PGCIL disposal Methodology of waste material of polymer Insulator.	Not Applicable.
18.	Provide disposal Methodology of glass fiberglass rod as the central strengthening and holding material.	Not Applicable.
19.	Has PGCIL implemented any waste management and handling of composite insulators?	Not Applicable.
20.	What steps has PGCIL taken to safeguard the environment from plastic and glass waste generated from the above products?	Not Applicable
21.	Provide details of stores and locations of scrap Composite Long Rod Polymer Insulators?	Not Applicable.
22.	Provide contact details such as an address, e-mail address, numbers of the designated officer responsible for handling waste of composite insulator at corporate, regional, and site.	Not Applicable.
23.	Can PGCIL provide the data and information as to how the waste has been handled so far?	Not Applicable.
24.	An estimate that Plastic waste PGCIL would generate at the end of the product life cycle of insulators and how you are prepared to handle such waste in future.	Not Applicable.
25.	Provide any two typical agreements between PGCIL and scrap dealers or recyclers, and Disposal Facility of the waste generated due to polymer insulators.	Not Applicable.
26.	Whether PGCIL considers that above kind of insulators (Polymers or plastic with fiberglass) material and the associated waste generated out of breakage or Obsolete inventory or failed units generating its waste after its usage will be harmful and adversely impact on the environment?	Does not come under definition of information under section 2(f) of RTI Act.

27.	As the user of the above kind of polymer-based engineering product, can Power Grid take responsibility for disposing of such waste under the E.S.G.?	Does not come under definition of information under section 2(f) of RTI Act.
28.	Will Power Grid recommend that such product disposal be covered under Extended Producers' Responsibility on manufacturers like in the case of E-waste?	Does not come under definition of information under section 2(f) of RTI Act.
29.	Is the above product substitutable by any other sustainable, environmentally friendly alternative product?	POWERGRID is using CLR insulators, Porcelain Disc Insulators & Glass Insulators as per requirements.

-----x-----

*RP Singh*