



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, 'सौदामिनी', प्लॉट नं.2, सैक्टर-29, गुडगांव, हरियाणा-122007
Corporate Centre, 'Saudamini', Plot No. 2, Sector-29, Gurgaon, Haryana-122007



CP/RTI/2018/49

Date: 6th June, 2018

Shri Padamkumar S. Jain,
R/o A/2. 24 (HIG), Opposite RTO office,
Giripeth Amravati Road,
Nagpur 440 010

Sub: Information under Right to Information Act, 2005.

Sir,

This has reference to your RTI request dated 19th April, 2018 for providing information under RTI Act, 2005.

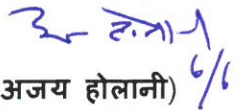
The desired information is attached at **Annexure-I & II**.

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,


(अजय होलानी) 6/6

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

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

Point wise Reply to RTI query

1. Kindly provide me, the failure of EHV Power Transformer/Reactor since last two years in your jurisdiction.

Ans: The details of the failures are as per the following:

Transformer

SI No	Substation	MVA Rating	Voltage Class	Date of failure
1	Raigarh	315	400	03.09.17
2	Jalandhar	315	400	16.12.17
3	Gwalior	315	400	17.04.18

Reactors

SI. No	Substation	Rating (MVAR)	Voltage Class (in KV)	Date of failure
1	Aurangabad	80	765	12.1.17
2	Wardha	110	765	12.1.17
3	Satna	80	765	1.6.17
4	Balipara	63	400	17.2.18

2. Kindly provide me, the details of EHV Power Transformer/Reactor which caught fire during the occurrence since last two years in your jurisdiction.

Ans: The details of the failures are mentioned as per the following:

Transformer

SI No	Substation	MVA Rating	Voltage Class	Date of failure
1	Raigarh	315	400	03.09.17
2	Gwalior	315	400	17.04.18

Reactors

SI. No	Sub-station	Rating (MVAR)	Voltage Class in KV	Date of failure
1	Wardha	110	765	12.01.17

3. Kindly provide me, the capital & revenue loss due to failure of Transformer/Reactor since last two years in your jurisdiction.

Ans: There has been no capital or revenue loss to POWERGRID due to failure of Transformer/Reactor in last two years since the same is covered under business loss.

4. Kindly provide me, the details of fire protection provided/ fitted with the Transformer/ Reactor at the time of failure since last two years in your jurisdiction.

Ans: POWERGRID already provides the following fire protection system at all stations of voltage class 132 kV or above:

- a. Hydrant System
- b. High Velocity Water (H.V.W) Spray System
- c. Fire Detection and alarm System
- d. Portable Fire Extinguishers
- e. Wheel/ Trolley mounted Fire Extinguishers

All the equipment used complies with the Indian Standards as well as TAC/ NFPA norms.

5. Kindly confirm, whether Transformer protection system (NIFPS) is Type Tested/Live Tested in any internationally accredited laboratory.

at Annex-II

6. Kindly provide the failure report of failed Transformer/reactor, since last two years along with SCADA/ESR report, in your jurisdiction.

Ans: The internal failure reports are made in association with the OEM of the equipment. It contains confidential intellectual property pertaining to design and manufacturing of the said equipment and can thus be not disclosed.

7. Kindly provide me the loss of human life/ limbs during the fire/ failure of Transformer/ reactor since last two years in your jurisdiction.

Ans: There has not been any loss of human life, limb, etc due to any transformer fire incidence in POWERGRID.

8. Kindly provide me, the cracks/deformation of the weak part of the Transformer/Reactor during the occurrence since last two years in your jurisdiction, if any.

Ans: As per the available records, the following transformer/reactor developed cracks/deformation in the tank during the occurrence

Transformer

SI No	Substation	MVA Rating	Voltage Class	Date of failure
1	Raigarh	315	400	03.09.17

Reactors

SI. No	Substation	Rating (MVAR)	Voltage Class in KV	Date of failure
1	Aurangabad	80	765	12.1.17
2	Wardha	110	765	12.1.17
3	Satna	80	765	1.6.17

Sub. : Information required under RTI Act, 2005.

Annexure-II

S.No.	RTI Query	Reply
5	Kindly provide, whether Nitrogen Injection Fire Prevention system (NIFPS) is Type Tested/Live Tested in any internationally accredited Laboratory.	Nitrogen Injection Fire Prevention System installed at POWERGRID is live tested and same is witnessed by our representative.

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