

**Freedom of Information Act 2000**

**The Royal Cornwall Hospitals NHS Trust Response to Information request**

**Date Request Received: 30<sup>th</sup> June 2025**

**FOI Ref No 29366**

**Requested Information:**

1. How much money did your trust spent on maintenance of electrical equipment in 2024, 2023, 2022, 2021, 2020?
2. How many power failures have you experienced since 1 Jan 2020? What was the cause?
3. How many hours of downtime due to electrical failure have been lost in 2024, 2023, 2022, 2021, 2020?
4. How many appointments have been cancelled due to electrical failures in 2024, 2023, 2022, 2021, 2020?
5. How many operations have been cancelled due to electrical failures in 2024, 2023, 2022, 2021, 2020?
6. Have you received funding to repair, replace or upgrade electrical equipment? How much and from whom?
7. If yes, where has this funding been spent?
8. Will you receive funding from the Estate Safety fund?
9. How much have you invested in digital solutions for ongoing asset maintenance?
10. How many assets can be monitored remotely?
11. When did you last update your single line diagram?
12. How many electrical assets are you responsible for maintaining?
13. What percentage of your electrical maintenance activity is driven by the need to fix issues rather than preventative measures?

**Response:**

**Providing exact figures/answers to this request would exceed the cost limits of complying with a Freedom of Information request. Our response below represents approximate data.**

1. We are unable to provide a cost within the timeframe
2. Approximately 20 per year – mains grid failure
3. Very few due to N+1 backup supplies on site
4. This data can be found here: [Estates Returns Information Collection](#)
5. This data can be found here: [Estates Returns Information Collection](#)

6. Yes

7.

**2021-22**

LV switchgear and distribution boards	£243k
UPS and IPS upgrades	£236k
Standby generator improvements	£137k

**2022-23**

General and emergency lighting	£60k
LV fixed wiring	£290k
LV switchgear and distribution boards	£103k
Lift replacements	£246k
Fire alarm systems	£460k

**2023-24**

UPS upgrades	£59k
Access control upgrades	£121k
Fire alarm systems	£380k

**2024-25**

UPS upgrades	£140k
Nurse call systems	£234k
Access control upgrades	£50k
LV switchgear and distribution boards	£450k
Lift improvements	£49k
Fire alarm systems	£405k

8. The Trust has been granted £2.3M to address electrical infrastructure risks; the intention is to spend this on priority items highlighted as significant/high risk within our 6-facet survey. This funding is in addition to CDEL funding of £588k to be spent on lifts, UPS, nurse-call, and distribution boards.

9.

- Micad Computer Aided Facilities Management - £68k pa.
- Trimble ProDesign – LV design/schematics - £3k pa.
- SFG20 Maintenance standards and guidance - £16k
- Building Management System – ca. £6k per year.

10. In excess of 10,000

11. Under continuous review and updated by in-house estates operations team.

12. In excess of 10,000

13.70% to 30%

**Attachment(s):**

No attachment(s)

**Date Response sent: 19<sup>th</sup> August 2025**