

Your vault condition matters.

Your electric vault is a critical asset that provides your building with safe and reliable electricity supply. As a building owner, you have an important role to play as you are responsible for maintaining the equipment you own in your electrical vault and ensuring that it is operating safely at all times. The fact is that a failure in a vault can be costly and dangerous.



So, why are electrical vaults still considered “forgotten assets”?

The reason is that the stable operating nature of a vault can oftentimes provide building owners with a false sense of security - making them believe that everything is ok when it may not be. Without proper follow-up and close attention, equipment issues can go unnoticed and lead to unexpected power outages, harmful arc flashes, fires and property damage.

Electric Vault Condition Assessment

Envari’s Electric Vault Condition Assessment is a comprehensive analysis that assesses the condition of your electrical vault and identifies potential risks of equipment failure before they happen.

If your electric vault is over 30 years old (pre 1990), your equipment may be approaching, at or past its end-of-life. This is where Envari can help out. We will conduct an inspection of your electrical vault and deliver a comprehensive report that pin-points the risks of equipment failure and provides all the data, insights and recommendations you need to take action. This report will include a forecast of future capital expenditures and provide estimates of operating



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How can Envari's Electric Vault Condition Assessment help you?

- + It provides you with a list of the vault equipment you own versus your local utility company, and explains who is responsible for what
- + Provides a list of known equipment failures and service maintenance performed during the past 15 years
- + Summarizes and lists the condition, age and estimated lifespan of all vault equipment
- + Identifies vulnerabilities with an end-to-end diagnosis of your entire vault (including loose connections, splices, switches, grounding issues, overheating, and oil and gas levels to identify problems impacting safety, optimal performance and efficiency)
- + Provides tailored recommendations on what equipment should be repaired or replaced and whether replacement parts are still available in the market
- + Provides an assessment on civil structure including any water, dampness, hazardous or ventilation issues
- + Ensures that all equipment is properly labelled and that the vault room is compliant with all relevant health & safety standards.
- + Understand your building's installed electrical capacity
- + Explains what maintenance should be done and what's involved
- + Estimates future capital expenditures and recommends the timing for repair and estimated costs

With Envari's vault condition assessment, you get peace-of-mind.

How do you get started?



1 Complete a consent form sent by Envari



2 Choose your option:
Option 1 - Visual inspection
Option 2 - In-depth assessment combined with maintenance



3 Envari delivers a report with next steps, recommendations and risk assessment

Why choose Envari for all your electric vault needs?

We are a team of designers, engineers and problem solvers who understand high voltage equipment and electric vault infrastructure. As an affiliate of Hydro Ottawa, we are uniquely positioned to leverage our years of experience working with high voltage power distribution equipment and power distribution system designs. We understand every piece of equipment in your vault, and we are trained to identify risk of failures before they happen. We will go out of our way for you to ensure that all risks are mitigated and that every piece of equipment is operating properly.

