

# A Well-Maintained Transformer is a Reliable Transformer

Your organization has unique and highly specialized electricity needs. Proper transformer maintenance can minimize electrical distribution disruptions and losses, and maximize power quality, performance and equipment lifespan.

Just like any other type of critical infrastructure, high voltage transformers and switchgear require regular maintenance in order to function properly and deliver a safe, efficient and reliable output of electricity. Weather, usage, location and equipment age can all affect performance.

Regular, proactive equipment inspections and maintenance by Alectra Power Services, a subsidiary of **Alectra Energy Solutions**, can provide you with operational and financial peace of mind, knowing that your private infrastructure needs are being managed responsibly.

High Voltage Solutions



## Count On Us to Deliver:

- Proactive, customized service plans with **no up-front costs**
- Worry-free multi-year plan terms
- Turnkey inspections that include scheduling, maintenance, certification and testing, at **no additional cost**
- Expert knowledge of the unique needs of your facility
- Service for locations in the GTHA and across Ontario

# What We Offer

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After assessing your company's energy needs, we will develop a customized plan to service your facility's in-house high voltage transformers and switchgear. The plan will allow our experts to proactively assess transformer performance and switchgear functionality, evaluate the overall health of your high voltage equipment, conduct specialized testing, look for early warning signs of potential issues, and take preventive action as required.

## What You Get

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Our extensive experience in maintaining and servicing high voltage equipment comes honestly. As a member of the Alectra Inc. family, we know that **investing in prevention is more cost-effective in the long-run than paying to fix equipment when it breaks down**. Apart from being disruptive, unplanned outages can take a toll on equipment and your plant's productivity.

Our maintenance plans include:

- Inspection of all switchgear to ensure it is delivering power safely to downstream equipment
- Inspection of primary structure for corrosion and overall wear-and-tear
- Assessment of transformer insulators and insulating liquid (dissolved gas, furan, inhibitor, oil)
- Megger and transformer ratio testing
- Circuit breaker testing and calibration
- Primary and secondary cable testing
- Relay testing on high voltage cable
- Power factor testing
- Cleaning of all electrical connections and components
- Assessment of fuse sizes and overall condition
- Coordination with the utility of any required shutdowns
- Utility isolation costs and ESA certifications
- Comprehensive reporting of results, findings, recommendations and next steps



## More Information

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For a no-obligation assessment of your energy needs, contact:

**Alectra Energy Solutions**  
**905.798.3523**  
**ContactUs@electrasolutions.com**