



# Complete life cycle solutions



Utility

Industrial

Data Center

Healthcare

Education

Commercial

Government

Eaton's Electrical Engineering Services & Systems is one of the largest and most experienced power distribution service organizations in North America. We offer a comprehensive portfolio of services and solutions tailored for every stage of a power system's life cycle. Eaton is here to help keep your power system safe, reliable, efficient, cybersecure, and ready for IoT.

Our team has **experience with electrical power distribution equipment from all leading manufacturers** and stands ready to support you wherever and whenever you need us.



*Powering Business Worldwide*

# Complete life cycle solutions

To better serve you, our support is not limited to power distribution systems with Eaton equipment but extends to **equipment from all leading manufacturers.**



## Electrical power distribution field services

- 24/7/365 emergency response
- Acceptance testing
- Startup and commissioning
- Preventive and predictive maintenance
- Service contracts
- Embedded engineers for facility training or integration support



## Electrical systems studies

- Short-circuit and coordination protective device evaluation studies
- Arc flash studies utilizing IEEE Std 1584™-2018
- Harmonic studies
- Load flow analysis
- Motor starting studies
- Switching transient analysis



## Switchgear modernization

- Low-voltage and medium-voltage power circuit breaker replacements and retrofills
- Power circuit breaker reconditioning and trip unit upgrades
- Replacement switchgear doors with metering and relay upgrades
- Remote racking solutions
- Custom transient voltage suppression



## Electrical power distribution automation and control solutions

- Automatic power transfer control systems
- PLCs and dashboards
- Network design architecture
- Multi-function protective relays-based monitoring and control systems



## Electrical power monitoring systems

- Foreseer® EPMS is fully scalable to grow with your business
- Vendor agnostic integration
- 24/7 data acquisition and storage
- Automated reporting for compliance or regulatory requirements
- Secure, remote connectivity



## Cybersecurity services

- Full life cycle services focusing on people, process, and technology
- Assessments ranging from initial audits to comprehensive analysis and complete life cycle management
- Processes with risk management, verification, and validation built in



## Turnkey electrical solutions

- Project management
- Substation design and build
- Multi-vendor equipment supply chain
- Engineering, procurement, and construction (EPC)
- Crisis response
- Embedded resources



## Grid modernization

- Microgrid systems and distributed energy resources
- Synchronous condenser solutions
- Transmission and distribution solutions
- Modular and mobile solutions
- Hydroelectric solutions including excitation and voltage regulation systems



## Electrical safety training

- General and customized training
- Experienced instructors who are active in IEEE and other industry professional groups
- World-class training facilities
- Mobile training trailers for local support
- Earn CEUs

For 24/7 support, call **1-844-438-6782**

Or visit [www.eatoncanada.ca/services](http://www.eatoncanada.ca/services), for more information

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