

Electrical Engineering Services & Systems

Line Card



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.

EATON

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 **1-800-498-2678**

Or visit [Eaton.com/services](https://www.eaton.com/services), for more information

Eaton
1000 Eaton Boulevard
Cleveland, OH 44122
United States
[Eaton.com](https://www.eaton.com)

© 2020 Eaton
All Rights Reserved
Printed in USA
Publication No. SA027018EN / 828
April 2020

Eaton is a registered trademark.

All other trademarks are property of their respective owners.

Follow us on social media to get the latest product and support information.



EATON

Powering Business Worldwide