



EXPAND YOUR CAPABILITIES, SCALE YOUR WORKFORCE AND GROW YOUR BUSINESS BY UTILIZING ENGINEERED SERVICES FROM WESCO | ANIXTER.

With a shortage of skilled labor, having the right people to perform complex tasks can be challenging and expensive. WESCO | Anixter offers services to complement your in-house capabilities and staffing. These engineered services can help you to expand your offering and take on larger or more complex projects as you find and onboard skilled technicians.

Engineering Services

We offer:

- **Acceptance testing** to determine if the requirements of an electrical specification is met.
- **Arc Flash studies** that evaluate electrical equipment and power systems to help predict the potential for, or incident energy of, an arc flash.
- **Startup and commissioning** to test all areas of each electrical system to ensure the system performs as anticipated.
- **Extended warranties** in addition to the standard manufacturer's warranty.
- **Embedded engineers** for facility training or integration. We Provide on-site engineering support to conduct training and identify opportunities for enhanced engineering techniques.
- **Preventive maintenance** scheduled at regular intervals.
- **Predictive maintenance** scheduled and performed only as needed.
- **Ground-fault testing and certification** to detect system grounding points and identify any ground paths that sidestep sensors.
- **Power systems design services** from 480V to 345 KV for both new installations and upgrades to existing facilities.

Engineering Services can help you to:

- Sell more
- Scale your workforce
- Expand your technical capabilities
- Be brand agnostic

Engineering Services can help your customers to:

- Improve energy savings
- Increase system reliability
- Enhances safety
- Modernize and extend system life
- Reduce downtime
- Mitigate risk



Arch Flash Study



Power System Design



Maintenance

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

About Anixter: anixter.com/aboutus
Legal Statement: anixter.com/legalstatement

21D0211GL © 2021 WESCO|Anixter 06/21

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