



A Listening Approach to Power Your World

A Company Attuned to Your Needs

After over a century of engineering exceptionally long-lasting electrical distribution and transmission solutions, G&W Electric knows power. And more importantly, we know the power of listening. By taking time to understand your application and asking the right questions, we develop solutions tailored to your needs. The answer may be our time-tested switches that keep power running seamlessly in mission-critical applications or an advanced automation system for next-generation grids. Whatever your challenge, you'll experience decades of high performance — and your needs will always be heard.





A Rich History of Innovation and Service

G&W Electric was founded in 1905 by two utility engineers and has remained a family-owned business ever since. That means we have the agility and firsthand experience to innovate, from our first disconnectable cable termination to submersible SF6 switchgear and Trident® w/SafeVu™ – the industry's first solid dielectric switchgear to offer an integrated visible break. Our independence also means we do what's best for you, our customer – not for shareholders. In fact, G&W Electric has installed thousands of intelligent electrical devices, system protection equipment and cable accessories around the world. Along the way, we've developed many long-term customer relationships that have formed the foundation of our business for over a century.

Our Consultative Approach: How It Works

Your engagement with G&W Electric starts with a conversation about your needs. We work hard to thoroughly understand your application and your goals, never presuming that we already know the answer. We also get to know your vision for the future so that your G&W Electric solution evolves along with your company. Once we develop the perfect match, we make sure you feel confident using our solution and remain your partner for questions at any time.

WHO WE ARE AT A GLANCE

G&W Electric is a global leader in power grid distribution and transmission. Our expansive suite of innovative products includes:

- IEEE and IEC rated switchgear
- Sensors for advanced applications in system efficiency (CVR and Volt/VAR) and power quality
- Reclosers and load break switches
- Power grid automation solutions
- Current limiting system protection (CLiP)
- Distribution and transmission cable accessories



Power Grid Solutions and Capabilities for Today – and Tomorrow

Long Lasting, Quality Products

G&W Electric offers a full line of robust electrical distribution and transmission products constructed with safety, integrity and quality. We understand that any loss of power can be detrimental, so we also engineer our solutions with an acute attention to detail to help you mitigate any risks. Our products arrive with a 20-year service life, and many operate dependably for 30 to 40 years. And because we always listen to understand your specific needs, you can rest easy knowing you're getting a solution made to get the job done right.



Customizable, Scalable Power Grid Automation

G&W Electric offers LaZer® Automation solutions that combine expertise in automated switches and automation software. LaZer is rooted in G&W Electric's deep expertise in matching the ideal system component for a particular application and can be fully customized to meet your requirements. For example, we can help you integrate your existing equipment with proven LaZer upgrades that enable monitoring, control and communication – helping you maximize your investment. Our intelligent LaZer system can also pinpoint the issue in the event of an outage and restore power on its own, giving you unequalled peace of mind.



LaZer is fully scalable and increasingly efficient, with capabilities including fault isolation and restoration, master station solutions and voltage loss reconfiguration/automatic transfer solutions. Each LaZer solution is tested prior to shipment during Factory Acceptance Testing (FAT), where customer participation is highly encouraged, to ensure reliable response and restoration times.



ADVANCING THE NEXT-GENERATION GRID

G&W Electric creates advancements for next-generation global grid technologies and key applications that are safer, more efficient and more environmentally friendly. Our company invests significant time and money into research and development efforts to design solutions for tomorrow's global smart grid.

Our R&D efforts also give us a higher level of expertise in power grid automation, relays and software. We are one of the few companies to have a dedicated, in-house power grid automation team of engineers and other experts, led by our CEO, who provide user-specific, best-in-class power grid automation solutions for each customer.

Best-in-Class Power Grid Solutions

The engineers at G&W Electric design cutting-edge solutions following the latest industry standards – providing you with a proven, reliable solution that keeps the power flowing. Whether you require a solution for a mission-critical application or are designing the grid of tomorrow, you'll find a solution that works for you in our suite of high-quality products, including:

- 1 IEEE and IEC rated switchgear for padmount, substation and vault applications
- 2 Sensors for advanced applications in system efficiency (CVR and Volt/VAR) and power quality
- 3 Reclosers and load break switches
- 4 Power grid automation solutions
- 5 Current limiting system protection (CLiP)
- 6 Distribution and transmission cable accessories



POWER GRID AUTOMATION

From basic automatic source transfer to sophisticated FLISR projects, our expertise and vendor-agnostic, third-party approach allows us to integrate new and existing components such as switches, relays, communication and SCADA for each application.

SWITCHGEAR

Our distribution switchgear is engineered to IEEE and IEC industry standards, meeting the needs of your application while ensuring operator safety. With our comprehensive line, we can provide switchgear for any padmount or vault application with ratings for primary substation and secondary distribution.

RE ClosERS

Single and three phase solid dielectric reclosers provide overcurrent protection on distribution systems with increased safety from our unique dead tank design.

VIPER-HV 72.5KV RECLOSER

G&W Electric's Viper-HV is designed to provide overcurrent protection through fault isolation and automatic restoration for temporary faults on overhead sub-transmission lines.

TRIDENT® SOLID DIELECTRIC SWITCHES

Combines versatility and reliability to give you a cost-effective, safe and low-maintenance solution.



This revolutionary solution provides utilities with functionality right on the sub-transmission lines that was traditionally only available by installing high-cost substations.

CURRENT LIMITING SYSTEM PROTECTION (CLiP)

Current limiters offer the benefits of current limitation to systems rated 5,000A, 120kA interrupting – providing 99% fault energy reduction in low and medium voltage networks. Common applications include reducing arc flash and arc blast exposure, protecting overdutied equipment, limiting cogenerator fault contribution and network protection.

CABLE ACCESSORIES

Cable accessories up to 400kV include cable termination and joints for outdoor, GIS and oil-immersed applications. We offer a unique design of cold shrink installation, with designs available for self-contained, pipe type and extruded cable systems along with transition joints.

HIGH ACCURACY CURRENT AND VOLTAGE SENSORS

G&W Electric sensor technology is based on highly innovative, tomizable, high precision low power instrument transformers (LPITs) that can meet the needs of the modern grid.

VIPER®-ST SOLID DIELECTRIC, THREE PHASE RECLOSERS

Offers time-proven reliability of electronically controlled, vacuum fault interrupters coupled with the maintenance benefits of a solid dielectric insulated device.



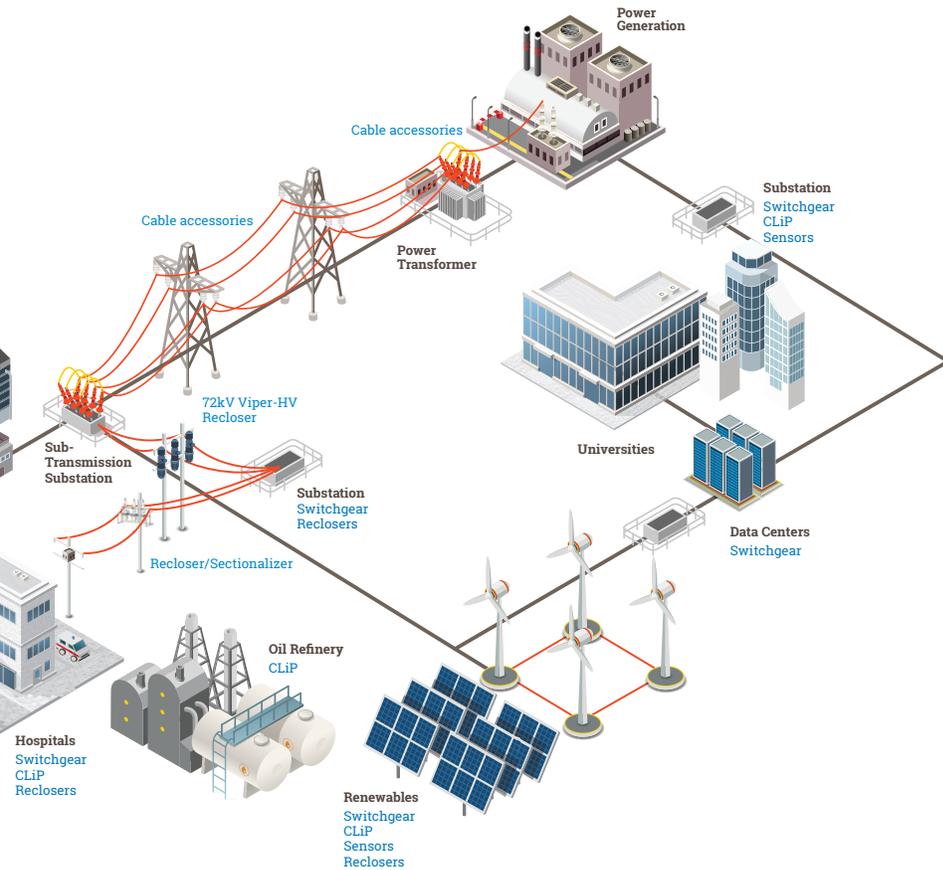
Unmatched Support, Right When You Need It

You get more than just a product when you work with G&W Electric. Your short- and long-term goals are our priority, and we go to great lengths to help ensure they are met. This includes extensive Factory Acceptance Testing to ensure your product is tested for proper operation prior to installation. Following this testing, our engineers are available to meet you onsite for commissioning during installation and training to ensure you are fully comfortable with your new solution.

As a G&W Electric partner, you have access to a wealth of resources and information about power grid solutions. In fact, we've designed our state-of-the-art Customer Solutions Center to give you a firsthand look at how our products work, with simulations, demos and engineers on hand to address questions. And when questions arise outside of a demonstration, we're a phone call away, with experts available 24 hours a day. No matter how complex your challenge may be, you'll get the quality and reliability you need to succeed.



Let's talk.
708.388.5010



VIPER-HV 72.5KV RECLOSER

The Viper-HV offers user flexibility by permitting a variety of configurations to match existing line infrastructure. The Viper-HV is a highly reliable and cost-efficient way to improve system reliability and grid resiliency.



THE HIGHEST INDUSTRY STANDARDS

We combine extensive research and development with consistently held ISO 9001 certified quality systems in both manufacturing and design.

- ISO 9001 certified since 1993
- ISO 14001 environmental management certificate since 2002
- G&W Electric headquarters are LEED Gold® certified and 100% landfill free
- Health and safety management system complies with the ISO 45001 standards

MEDIUM VOLTAGE METAL CLAD SWITCHGEAR (IEC)

Metal clad air insulated switchgear equipped with vacuum circuit breakers capable of offering loss of service continuity type "LSC2B-PM" and protection level IP42.



Contact us today

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G&W Electric

Engineered to order. Built to last.

Since 1905, G&W Electric has been a leading provider of innovative power grid solutions, including the latest in load and fault interrupting switches, reclosers, system protection equipment, power grid automation and transmission and distribution cable terminations, joints and other cable accessories. G&W is headquartered in Bolingbrook, Illinois, U.S.A., with manufacturing facilities and sales support in more than 100 countries, including Canada, Italy, China, Mexico, Brazil, India, UAE and Singapore. We help our customers meet their challenges and gain a competitive edge through a suite of advanced products and technical services.

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