

### Single Source Solution Provider

As the first line of productivity protection, switchgear protects the power delivery system and all downstream equipment. By providing comprehensive solutions for all of your switchgear needs, GE Energy helps you improve asset management, reduce management costs, and extend the equipment life cycle.

### Improved Switchgear Reliability

Circuit breakers are fairly complicated electromechanical devices that can fail several ways. If a failure occurs—or nuisance tripping persists—root cause analysis of the failure and selection of the best solution is required to prevent recurrence. Along with our worldwide experience base, GE has a complete range of diagnostic tools and the expertise to provide a lasting solution that matches your needs. As the first step to preventing recurrence, GE switchgear specialists provide a detailed diagnosis as part of any repair/upgrade service on failed equipment.

### Maintenance Programs

Many failures can be avoided with maintenance programs designed by GE for your particular applications. Greater reliability for low, medium, and high voltage substations starts with maintenance tailored to your equipment. Environment, duty cycles, and circuit priority are analyzed to determine what maintenance activity is right for you.

### Modification Advantages

GE Energy can help you take the guesswork out of the “buy new/modify existing” dilemma—by showing you how revitalizing your existing equipment can have compelling advantages over buying new. For example, existing air-magnetic or oil medium voltage circuit breakers can be rebuilt, replaced or retrofitted to vacuum or SF6 interruption technology.

### Switchgear Service Solutions

- Retrofit, refurbishment, and upgrade
- Preventative maintenance and inspections
- Repair “in kind”
- Emergency service

### Benefits

- Equipment life extension
- Reduced maintenance costs
- Reduced risk of unscheduled outages
- Increased predictability
- Improved reliability
- System coordination



Delivering powerful solutions through Six Sigma Quality

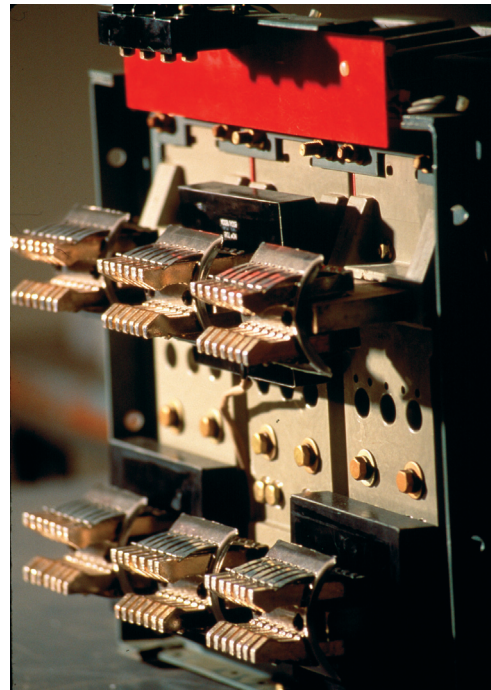


## Services Provided

- Power management systems retrofits
- Retrofit old LV trip units to state-of-the-art trip units
- Limitamp motor starter vacuum conversions
- HV, MV and LV substations maintenance/upgrades/modifications
- Circuit breakers repair/retrofit/refurbishment/conversion/replacement/retro fill — all types/manufacturers/voltage classes
- Ground fault testing and certification
- High current testing
- Loaner circuit breakers
- Long-term agreements
- Unit exchange/upgrade programs
- On-site or in-shop capabilities
- Trip curve certification
- Switchboard/control modifications
- Designated 1E Nuclear Certified services
- Diagnostic testing and evaluation
- Total on-site substation maintenance
- Infrared and ultrasonic scanning capabilities

## About Energy Services

- 40 service locations in USA and Canada
- Service on GE and multi-OEM equipment
- OEM technology/mods/parts/engineering
- Experienced technical support
- GE certified Six Sigma Quality craftsmanship
- Dedicated training facility
- ANSI®/IEEE® compliance
- Total substation maintenance
- On-site or in-service-center repair
- Service center network
- Around-the-clock emergency service



Providing prompt solutions today, tomorrow,  
and years to come

For more information, contact your local GE sales representative  
or visit us online at [ge.com/energy](http://ge.com/energy).

ANSI® is trademark claimed by the American National Standards Institute, which is not affiliated with General Electric.  
IEEE® is registered trademarks of The Institute of Electrical and Electronics Engineers, Incorporated,  
which is not affiliated with General Electric.

©2006, General Electric Company. All rights reserved.

GEA-13498A (01/06)

