ABB brings complete solutions to help you generate, deliver, use and control your energy.

Power Delivery
- Power system upgrades and retrofits
- Breaker and relay testing services
- Protective relay and control service and support
- Trip Unit upgrades (ABB & Other OEMs)
- Automatic transfer systems and paralleling switchgear services
- Arc flash hazard analysis & power system studies
- Arc flash & safety remediation solutions
- Predictive and preventative maintenance
- Relay and custom panel design, build, and modernization
- Substation design/build/repair

Transformer
- In shop repair/rewind to 40MVA/230KV
- Short cycle refurbishments/rewinds on <5MVA/15KV
- On-site repairs and services
- On-site HV testing — induced, impulse, load-loss
- Vacuum Oil Processing equipment/Trailers for site work
- Engineered Upgrades for units to improve short circuit rating, cooling, MVA

Motor/Generator
- Access to drawings and Parts for ABB, GE, and most legacy OEM’s
- Work on all type of units, all OEM’s.. Generator Step up, Large Power, Secondary Substation, Specialty units (undercar rail, Arc-furnace, rectifier, etc)

Motor/Generator
- Maintenance, testing, repair, replace, and parts
- Motor and Generator enhancements and uprates
- Onsite and shop-based AC and DC Motor Repair Services
- A proven Coil Insulation Systems for renews up to 15KV
- Motor and Generator Field Services
- Motor Condition Diagnostics – Onsite Inspection and Maintenance Services for Motors
- Experienced engineering and technical support
- Onsite CO2 cleaning Service
- Replacement motors—all OEM’s

Mechanical
- Rebuild/repair of gear boxes, fans, pumps, refiners, compressors, centrifuges, crushers, steam turbines
- Transportation repair and exchange solutions
- Extensive machine shop and welding capability
- Dynamic and static balancing
- Bearing re-babbit
- On-site machining, laser and optical alignment
Hydro
- Generator rewinds
- Generator uprates
- Rotor refurbishment/pole service
- Test and inspect
- General services

Disaster Recovery
- Access to resources (engineers, craft, technicians)
- Equipment condition assessments
  - Power systems
  - Recommendations - repair/replace
  - Repair coordination
  - Test equipment
  - Multi-vendor
- Specify/source replacement equipment
- Site management and logistics
  - Engineering support
  - Technical direction
  - Craft labor
  - Communication command center
  - Installation, startup and commissioning
- Emergency repair

Service Agreements
- Maintenance/service contracts
- On-site support and remote monitoring and diagnostics
- Preventive/planned/unplanned maintenance
- Resident technical services
- Staffing services — multi-discipline engineers, designers, technicians, CAD and other technical personnel
- Equipment exchange programs
- Repair service agreements

On-Demand and Emergency Services
- 24 x 7 x 365 emergency services and parts support
- Installation, startup and commissioning
- Feasibility/engineering studies
- Assessment/inspection/testing
- Outage support
- Repair and product replacement

Training
- Electrical safety (NFPA 70E & CSA Z462)
- Power equipment
- Power management

Contact us:
For more information, call us toll free at +1 888 434 7378, or +1 540 387 8617 and visit us on the web at go.abb/industrial