

Preventative Maintenance Services



- Peace of mind that critical systems are maintained
- Reduce support costs
- Reduce budget complexity with fixed cost of support
- Keep company experts focused on strategic priorities
- Flexible payment options & terms to match your need

GE Energy understands that network uptime is critical to your subscribers' quality of experience. Keeping your energy system equipment operating at optimal performance and efficiency will help maximize return on your investment. Our preventative maintenance and testing services ensure your power equipment continues providing the conditioned power required to maximize uptime for your network and extend the longevity of your infrastructure.

Power System

- Inspect power bays, rectifiers, inverters, converters & ring plants
- Verify plant operating voltages and load balancing
- Check operation & calibration of plant metering, shunts, local/remote sensing, voltage & amperes
- Verify all major & minor alarming across plant:
 - Fuse Alarm
 - High Voltage Alarm
 - Low/Low Low Voltage Alarm
 - Low Voltage Drop Out/Pick Up Points
 - Battery Disconnect Set Points
 - Rectifier Fail Alarm
 - Power Minor Alarm
 - Power Major Alarm
 - Battery Discharge Alarm
- Provide report outlining plant inventory, capacity, conditions, expansion, capabilities, concerns & recommendations

Battery Plant

- Complete visual inspection of battery cells, cable connections, inter-cell connections & electrolyte levels
- Remake & Torque all terminal & strap connections to manufacturer specifications
- Verify battery cell and string voltage operating levels
- Perform Midtronics battery testing analysis & specific gravity testing
- Measure float current, cell temperatures, resistance breakdown leakage testing and plate polarization
- Measure C Message noise of battery plant to industry standard
- Perform load capacity testing using IEEE testing parameters
- Battery room ventilation analysis
- Provide report outlining battery capacity, conditions, concerns & recommendations

Thermal Scanning

- Conduct a thermal scan on all AC & DC power system components
- Provide thermal images for temperature abnormalities identified

Who We Are:

- Bell Labs heritage of innovation in power electronics
- Global provider of hardware, software, and services that deliver high-efficiency power conversion solutions to OEM customers, telecom service providers, and large enterprises
- 2000+ employees with in-depth technical expertise in 25+ locations worldwide
- 200+ North America Services experts with experience spanning 30+ years

What We Do:

- Energy Systems solutions for telecommunications, wireless, and cable broadband service providers leveraging turnkey project management, engineering, installation, and maintenance services experience
- AC-DC OEM embedded power supplies for datacom, telecom, medical, and industrial applications leveraging personalized service and support
- DC-DC OEM embedded power conversion solutions designed for the most demanding board mounted power applications in communications, computing, storage, industrial, and medical markets leveraging patented Tunable Loop™ technology
- Global manufacturing base provides world-class quality and delivery at competitive prices

Why We Are Different:

- Services for complex site engineering and deployment programs; to full operations and lifecycle management
- Industry's best customer experience built on a foundation of world-class operations
- End-to-end Total Efficiency™ architecture that dramatically reduces utility and cooling costs
- Technology designed for decades of reliable use in extreme environmental conditions
- Standards-based, open-architecture solutions to address diverse needs, accelerate ROI, and lower TCO
- Our thought leadership and attention to detail ensures
- Proven quality and peace of mind
- Longevity of deployed power plant
- System recoverability and future growth flexibility
- Safety and reliability with "Do it once, do it right, do it now, on-time, within budget" culture

Contact Us

For more information, call us toll free at **+1 877 546 3243**, or +1 972 244 9288 and visit us on the web at www.ge.com/powerelectronics



imagination at work