

Maintenance Management

GE Energy's maintenance management provides implementation, supervision, and staffing of electrical maintenance based on a multi-year agreement. This program may include engaging and managing your existing electrical maintenance group. Service areas include power delivery, drives and controls, lighting, security, and much more. GE enhances the reliability of your existing electrical and control systems by leveraging a suite of proprietary predictive technologies.

Focus on your primary manufacturing competencies while GE Energy handles non-core functions like maintenance. By providing a wide range of on-site engineering and maintenance service solutions, we can improve equipment reliability, decrease operational and maintenance costs, and increase uptime and productivity. Cost savings and uptime guarantees also can be included.

The GE Advantage

A core advantage of this offering is the application of GE proprietary predictive maintenance technologies such as:

- Reliability Services
- Condition Forecaster™
- Digital Diagnostic
- Motor Management Program Management Solutions (DDMS)

Tiered Offerings

GE's maintenance management program provides a three-tiered solution that lets you select the level of service that best fits your needs.

- **Electrical Maintenance Management** – Our most comprehensive solution provides multi-year, multi-site maintenance including management, planning, staffing and implementation of all electrical maintenance activities

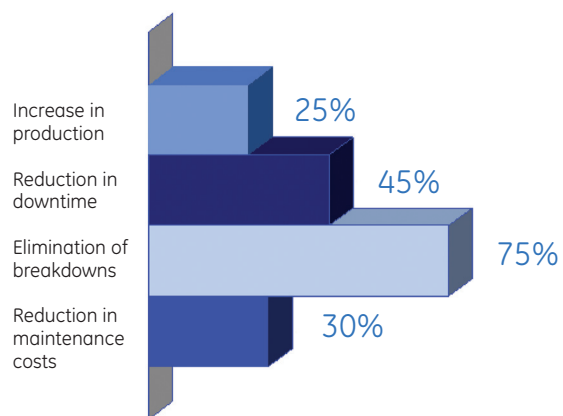
- **Outage Fulfillment** – Multi-year, multi-site outage management and staffing for power delivery and drives and controls, covering both planned and unplanned outages
- **Power Systems Engineering Studies** – Multi-site power systems studies, including: one line generation, protective relay coordination, short circuit analysis, arc-flash hazard analysis and much more.

See the back of this sheet for details about these tiered solutions.

Benefits

- Improves equipment reliability
- Reduces operational and maintenance costs
- Improves product throughput
- Decreases downtime
 - Reduces occurrence of unplanned outages
 - Clarifies interval between planned outages through condition-based and predictive-based maintenance
 - Decreases outage duration
- Improves staffing and increases worker productivity

Potential Savings from Predictive Maintenance Program



Source: U.S. Department of Energy's Federal Energy Management Program
www.eere.energy.gov/femp



Future

During 2006, this program is expected to expand to include the following:

- **Phase 2** (April 2006)
Addition of Mechanical, Instrumentation, and Training Services
- **Phase 3** (August 2006)
Addition of Efficiency and Energy Management Maintenance Services



Tiered Offering	Terms	GE provides:	Benefits include:
Electrical Maintenance Management	Multi-year, multi-site	<ul style="list-style-type: none"> • Technology, personnel and tools to plan, manage and implement all preventive-based, condition-based, and predictive maintenance activities for all electrical systems • 24x7 maintenance coverage 	<ul style="list-style-type: none"> • Improvements to electrical equipment reliability, uptime and operational costs, allowing you to focus on core competencies • Enhanced reliability of existing systems, utilizing predictive technologies
Outage Fulfillment	Multi-year, multi-site	<ul style="list-style-type: none"> • All manpower and tools required to plan, implement, and manage both planned and forced outages • Engineers, project managers, technicians, craft labor (both union and non-union), testing and tooling 	<ul style="list-style-type: none"> • Predetermined logistics such as customer approved project managers, project planning, negotiated terms, budgeting and pricing • Improved reliability, increased uptime and reduced maintenance costs
Power Systems Engineering Studies	Multi-site	<ul style="list-style-type: none"> • Power system studies including: <ul style="list-style-type: none"> - Developing single-line diagrams - Coordination and short circuit - Arc-flash hazard studies - Load flow, power factor, harmonics and more . . . • Implementation of study recommendations • An overall project manager 	<ul style="list-style-type: none"> • Meeting NFPA recommendations • Corrected system deficiencies • Elimination of nuisance trips caused by improper equipment settings • Corporate standardization of electrical systems assessment



To learn more about this offering, contact your GE Energy sales representative or call 1-888-GE4-SERV.

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