GE Energy

Entellisys™ Maintenance and Diagnostics Programs

fact sheet

Background

Entellisys low-voltage switchgear provides protection, control, and monitoring in a flexible package that can help you meet today's challenges for greater productivity, increased operator safety, and improved equipment reliability and maintainability.

Entellisys is a sophisticated switchgear system with unique and complex maintenance considerations vastly different from traditional switchgear systems. As a result, many Entellisys customers are not fully utilizing the sophisticated features of this equipment.

Service Description

GE has developed multiple levels of maintenance and diagnostic services for Entellisys systems. Each of these offerings is designed to help meet customer requirements for safety and reliability. Our site visits and diagnostics provide a solution for customers with stringent uptime requirements. The diagnostics processes are designed to increase equipment availability, reduce downtime, and avoid unnecessary operational and maintenance costs. Utilizing proprietary software tools, our highly skilled engineers can resolve onsite issues for Entellisys switchgear equipment in a wide variety of industrial and commercial applications.



Benefits

GE's Entellisys maintenance and diagnostics offerings provide:

- · OEM knowledge of the Entellisys system
- Standardized approach with a validated solution vs. competitors ad hoc solutions
- A complete solution approach
 - Power delivery expertise
 - Design engineering
 - Application and field engineering
- Reduced risk of downtime
- Quick response to event (outage, customer request, etc.)
- Customer employee safety









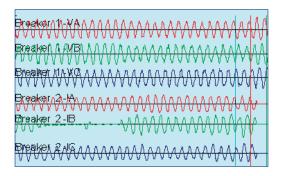
Features

Level 1: Basic Maintenance and Diagnostics

Level 1 includes the following: Check CPUs, time synchs, event logs plus downloading and evaluating diagnostic information on the Entellisys system. A GE Field Engineer will visit the site to check the following basic elements of the Entellisys equipment:

- Review system operation history during each visit
- Overall Entellisys system inspection (fuses, fans, filters, batteries, UPS)
- Check and verify alarms, and download event logs to diagnose
- Check and record Entellisys System Health screens
- Notify customer of any critical or recommended firmware or software upgrades

At the end of each visit, a report with recommendations will be provided.





Level 2: Includes Level 1 Features Plus Advanced Diagnostics

- Detailed review of the archive data collected during the site visit
- Automated processing of the event log files
- Identification and analysis of various potential failure modes
- Installation and commissioning of software, hardware and firmware updates, supplied by customer
- Faster response and resolution to troubleshooting critical downtime issues

A detailed report will be provided with analysis of historical event information and recommendations for future operational and maintenance cost saving ideas.

You've invested in Entellisys switchgear to ensure your plant's safe and successful operation... GE's Entellisys Maintenance and Diagnostics Programs will help you maximize the performance of that investment.



For more information, contact your local GE Energy office or call 1-888-GE4-Serv or 540-378-3280.