GE Digital Energy

Distributed Generation Trip Control

Firmware Version 3.1.1, Software Version 3.10

Release Notes

GE Publication Number: GER-4322

Overview

Summary

GE Digital Energy releases the DGT Firmware version 3.1.1 and software version 3.10.

Highlights of this release include:

- Introduce Point-to-Point Transfer Trip Solution

- Introduce new software for Point-to-Point and Point-to-Multipoint applications

- Additional event logging

- **Release Date**: February 7, 2009

Note:

- Firmware upgrades can be easily performed using the DGT firmware upgrade application. See "DGT Firmware Upgrade Instructions RevA.pdf" for firmware upgrade procedures. Please contact your local GE Digital Energy sales representative or GE Digital Energy Technical Support Team for any questions regarding this upgrade.

Please contact your local GE Digital Energy Sales Representative or GE Digital Energy Technical Support team for any questions regarding this DGT Release.

Release details

In the following enhancement descriptions, a revision category letter is placed to the left of the description. Refer to the Appendix at the end of this document for a description of the categories displayed.

Firmware Version 3.1.1

E   Point-to-Point Application

The DGT Firmware version 3.1.1 enables a user to configure a transfer trip system for a point-to-point Distributed Generation interconnection.

E   Additional event logging

Added internal alarm status reporting. Also, performance log section added to status output format. Enabling the performance log is not available at this time. All performance log items will report back "0."

Enervista Set up Software Version 3.10

E   Point-to-Point configuration

Added support for configuring Point-to-Point transfer trip systems. Software now supports both Point-to-Point and Point-to-Multipoint systems.

Upgrade paths

This upgrade can be done either via EnerVista Launchpad or by direct download from the following site:

http://gemultilin.com/software/DGT

If using EnerVista Launchpad, follow these steps:

1. Open EnerVista Launchpad
2. Click "IED Setup"
3. Click "Check Updates". Note: this will check for updates to all of the IED setup software shown.
4. Select the DGT version 3.10 upgrade for download.

Please contact your local GE Multilin sales representative or GE MultilinTechnical Support Team for any questions regarding this upgrade.

Appendix

Change categories

This document uses the following categories to classify the changes.

Table 1: Revision categories

Code	Category	Comments
N	New feature	A separate feature added to the relay. Changes to existing features even if they significantly expand the functionality are not in this category
G	Change	A neutral change that does not bring any new value and is not correcting any known problem
E	Enhancement	Modification of an existing feature bringing extra value to the application
D	Changed, incomplete or false faceplate indications	Changes to, or problems with text messages, LEDs and user pushbuttons
R	Changed, incomplete or false relay records	Changes to, or problems with relay records (oscillography, demand, fault reports, etc.)
C	Protocols and communications	Changes to, or problems with protocols or communication features
M	Metering	Metering out of specification or other metering problems
P	Protection out of specification	Protection operates correctly but does not meet published specifications (example: delayed trip)
U	Unavailability of protection	Protection not available in a self-demonstrating way so that corrective actions could be taken immediately
H	Hidden failure to trip	Protection may not operate when it should
F	False trip	Protection may operate when it should not
B	Unexpected restart	Relay restarts unexpectedly

The revision category letter is placed to the left of the change description.

GE Multilin technical support

GE Multilin contact information and call center for product support is shown below:

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