

PQMII Power Quality Meter

Firmware Revision 2.24 Release Notes

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Overview

Summary

GE Multilin has released firmware revision 2.24 for the PQMII Power Quality Meter. This firmware contains a correction to the measured net energy values for each of the three user-defined tariff periods.

This document contains the release notes for the Firmware Revision 2.24 for the PQMII Power Quality Meter.

- Affected product: PQMII Power Quality Meter
- Date of release: November 28, 2008
- Firmware revision: 2.24

Hardware / Software Compatibility

New 2.24 firmware is compatible with all previous firmware and hardware revisions of PQMII Power Quality Meter.

The use of the new 2.24 firmware requires version 2.3x or higher of the EnerVista PQMII Setup software.

If users have existing PQMII Power Quality Meters installed with older versions of firmware, they can download and install this new firmware to benefit from the enhancements described in this release note. If the user does not require these enhancements, upgrading to this latest firmware version is not required.

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.

Enhancements

M

Corrected Net Energy Measurement for Tariff Periods

Net Energy values measured for user-defined Tariff Period 1, 2 and 3 were incorrect in firmware revision 2.23. The Net Energy values measured for the three periods have been corrected in this firmware release.

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

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