

Cannon Power Line Communications (PLC)

- Mon, 12/05/2005 - 6:00pm

Vendor:

[Cannon Technologies Inc.](#)

Cannon PLC is a power line carrier-based fixed network, providing cost-effective two-way on-demand communication for electric distribution systems. Featuring solid state single-phase meters from industry leaders Itron and Sensus, we have added more than just a communication board. Our internal board also stores TOU and load profile data, voltage profile and min/max, outage time/date/duration, and provides an on-demand read in around 4-6 seconds round trip. We also offer an external digital metering "modem" that provides a bi-directional digital interface to popular polyphase meters including the GE kV series, Elster Alpha® series, and the Landis+Gyr S4. By fall we expect to include the Schlumberger Sentinel meter interface as well - all inside a single multi-protocol, multi-voltage box. Other products for the Cannon PLC fixed network include capacitor controllers, load management receivers, and micro-RTUs. The fixed network infrastructure is easily mounted in substations. The photo above shows the entire set of equipment needed to talk to an entire substation. Proven Technology with Cutting Edge Features Cannon PLC is a proven technology, providing on-demand meter reads in 4-6 seconds round trip. The real story of Cannon Power Line Communications is the 410-series single-phase electronic meter with an advanced feature set including: 150 days of time-synchronized interval data stored on board (at 15 minute intervals) 5, 15, 30, or 60 minute intervals are configurable Voltage min./max. with 7 days of 5 minute voltage interval data Configurable voltage min/max alert flags Outage log with date/time and duration Time of Use registers with an unscheduled Critical Peak tier Freeze Register - allows readings to be stored at midnight of the first of the month to help pinpoint losses Unique IDs for all devices on the system

Product Type:

Product

Approved Date:

Tue, 12/06/2005

Date Verified:

Tue, 12/06/2005