

Program:

### **Tollgrade LightHouse® Medium Voltage (MV) Sensors**

Key measurements include: load current, fault current, electric field strength, power factor, phase angle, sags, surges, wire temperature and harmonics.

- Current (0-17,000 RMS amperes)
- Voltage measurements
- Conductor temperature
- Nominal RMS current
- Fault and Surge current
- Power quality (sags, swells, harmonics)
- Phase angle power factor
- Waveform capture

Objective:

To verify function of a GPS subsystem in the Tollgrade LightHouse® Medium Voltage (MV) Sensors

Contribution:

LightHouse MV Sensors provide real-time data and alarms about grid conditions using outage and fault detection, configurable threshold alarming, real-time load and power quality monitoring that can be used for a wide variety of distribution grid applications.