

Eaton helps utilities improve the efficiency in which they operate their distribution systems with its GridAdvisor Series II smart sensor. The smart sensor **saves the cost** of both operation and maintenance by **reducing drive time** and maximizes energy by **keeping capacitors online**.



Smart Sensor feature

- **Detect** a capacitor bank **fuse failure**
- Integrated **cellular modem & Bluetooth radio**
- Annunciate **directional fault** targeting
- **True demand value** instead of instantaneous snap
- Dual **LED indicator**
- **Email/Text** notification of outages
- Connection to the live conductor with **single hotstick**
- Provide a **DNP3** scannable
- Rechargeable Lithium phosphate **battery**

Functionalities

- 1- Continuously **monitors the line** it is connected to at any location and reports the DNP3 data retrieved through the cellular modem to head end system such as SCADA or OMS.
- 2- Provides feedback as to which **capacitor banks** may be off- line due to **fuse operations**. and set sensor alarm limits on neutral current to detect potential fuse operations.
- 3- In an **outage management application**, the smart sensor monitors the power system waveform characteristic that is used to report system disturbances and provide fault targeting to the utility.

