



November Meeting - IEEE Orlando PES/PELS/IAS

Theme: Optical Sensing for the Power Industry

Date: November 14th, 2007

Time: 6 – 8 pm

Location: Walt Disney World
Architectural & Facilities Engineering
Suwannee Conference Room
3401 East Vista Blvd.
Lake Buena Vista, FL 32830

Presenter: Chandler Monitoring Systems Inc.

Keith Chandler - CEO, Joel Mock - Electrical Engineering

Description of Optical Sensing Technologies:

TRANSFORMERS:

- Hot Spot Monitoring
- Moisture Detection
- Dissolved Gases
- Pressure
- Discharge Activity

TRANSMISSION LINES:

- Distributed Temperature
- Line Sag
- Current Carrying Capability
- Corrosion
- Electric Field Intensity

OPTICAL SENSING ADVANTAGES:

- Immune to EMI
- No Power required for sensors
- Environmentally adapted
- Networking of large numbers of networked Sensors.
- Long Distance Monitoring
- High Heat Tolerance

A Demo of Equipment presenting the power of Optical Sensing showing Technology that is the Future Today.

