

# Seminar Agenda

- 1:00 p.m. Welcome and Opening Remarks**
- Tutorial Overview
  - Tutorial Notes – PowerPoint Slides and Technical Reference Material
- 1:15 p.m. Smart Grid: Concepts, Standards and Recent Deployments in Latin America**
- Smart Grid Concepts and Solutions
  - Smart Grid Standards Development and Interoperability
  - Smart Grid Recent Deployments and Lessons Learned
- 2:30 p.m. Break**
- 2:45 p.m. Smart Grid Technology Roadmap**
- Software Services Infrastructure
  - Smart Meter System Optimization
  - Demand Optimization
  - Distribution Optimization
  - Transmission Optimization
  - Asset Optimization
  - Workforce & Engineering Design Optimization
- 3:30 p.m. Substation Automation and Enterprise Data Management to Support Smart Grid**
- What is an IED?
  - What is Enterprise Data Management?
  - Substation Integration and Automation Levels
  - Integration versus Automation
  - Communication Paths From Substation
  - Enterprise Interoperability
- 4:30 p.m. Acquiring Operational and Non-Operational Data from Substation IEDs**
- Operational Data
  - Non-Operational Data
  - Characteristics
  - Data Paths
  - Acquisition of Operational and Non-Operational Data Items
  - Enterprise Server for Non-Operational Data
- 5:00 p.m. Tutorial Adjourns**