

TRACK 4: ADVANCED METERING AND COMMUNICATIONS

Chair: Nate Dunn, Schneider Electric

Vice Chairs: Steve Jachim, Border States; Marcus Zickefoose, Radian Research

Location: THORNAPPLE, 3RD FLOOR

Monday, August 4th

7:00AM - 8:00AM	Breakfast - <i>Ambassador Ballroom, 2nd Floor</i>
8:00AM - 8:30AM	Welcome Remarks - <i>Ambassador Ballroom, 2nd Floor</i>
8:30AM - 9:30AM	General Session: History and Evolution of Metering from Electro-mechanical, to Early AMR to Adoption of AMI from a Utility Perspective <i>Ambassador Ballroom, 2nd Floor</i>
10:00AM - 10:30AM	Welcome to Track 4 Nathaniel Dunn, Schneider Electric
10:30AM - 11:45AM	Introduction to Advanced Metering Don Pretty, Schneider Electric
11:45AM - 1:00PM	Lunch - <i>Ambassador Ballroom, 2nd Floor</i>
1:00PM - 1:30PM	Communication Basics - The 7 Layers of the OSI Model Nathaniel Dunn, Schneider Electric
1:30PM - 2:30PM	Basics of Data Scaling and Digital Data Nathaniel Dunn, Schneider Electric
2:30PM - 3:00PM	Break: Visit Vendor Area
3:00PM - 4:00PM	Metering Vectors Review Jay Wineberg, Radian Research
4:00PM - 5:30PM	Vendor Social - <i>Center Concourse, 2nd Floor</i>
Evening	Dinner on your own

Tuesday, August 5th

7:00AM - 8:00AM	Breakfast - <i>Ambassador Ballroom, 2nd Floor</i>
8:00AM - 9:00AM	Utility Metering: Long Term Evolution Don Pretty, Schneider Electric
9:00AM - 9:30AM	Break: Visit Vendor Area
9:30AM - 10:30AM	AMI Overview - AMI, AMI 2.0, & Advanced Use Cases Dan Falcone, ConnectDER
10:30AM - 11:00AM	Technology Discussion Itron Bryan Seal, Itron
11:00AM - 12:00PM	Enhancements in Meter RMA Management Nathaniel Dunn, Schneider Electric
12:00 PM - 1:00PM	Lunch - <i>Ambassador Ballroom, 2nd Floor</i>
1:00PM - 1:30PM	Technology Discussion - Sensus Jeff Miller, Sensus
1:30PM - 2:00PM	Break: Visit Vendor Area

2:00PM - 3:00PM	Metering Operations & Upcoming Impacts to Utilities: DERs to EVs to Grid Modernization Dan Falcone, ConnectDER
3:00PM - 3:30PM	Technology Discussion Landis Gyr Cal Bargsley, Landis+Gyr
3:30PM - 4:00PM	Calibration Traceability Malcolm Halliday, Radian Research
Evening	Dinner on your own
7:00PM - 9:00PM	GLEMS Social at Woodrow's Duckpin Bowling

Wednesday, August 6th

7:00AM - 8:00AM	Breakfast - <i>Ambassador Ballroom, 2nd Floor</i>
8:00AM - 9:00AM	Meter Testing Marcus Zickefoose, Radian Research
9:00AM - 9:30AM	Break: Visit Vendor Area
9:30AM - 10:00AM	AMI Benefits Grand Haven Board of Light and Power
10:00AM - 11:00AM	Loss Compensation Application and Verification Nathaniel Dunn, Schneider Electric
11:00AM - 12:00PM	Power Quality Issues and Power Quality Monitoring Nathaniel Dunn, Schneider Electric
12:00PM - 1:00PM	Lunch - <i>Ambassador Ballroom, 2nd Floor</i>
1:00PM - 2:00PM	Revenue Protection via Meter Site Analysis Nathaniel Dunn, Schneider Electric
2:00PM - 2:30PM	Technology Discussion - Aclara Metering Alvin Jackson, Aclara
2:30PM - 3:00PM	Break: Visit Vendor Area
3:00PM - 4:00PM	Instrument Transformer Design & Application for Optimizing CT & VT Performance Matt O'Brien, Ritz Instrument Transformers
5:30PM - 10:00PM	GLEMS Banquet at Whitecaps Baseball Game

Thursday, August 7th

7:00AM - 8:00AM	Breakfast - <i>Ambassador Ballroom, 2nd Floor</i>
8:00AM - 9:00AM	Global Trends in Metering and Metrology Nathaniel Dunn, Schneider Electric
9:00AM - 10:00AM	Integrated Functional Testing with Meter Communications Nathaniel Dunn, Schneider Electric
10:00AM - 11:00AM	Meter Tampering & Theft Joe Childs, HEK
11:00AM - 11:30AM	Wrap-up and Certificates Awarded