TRACK 1: INTRODUCTION TO SINGLE-PHASE ELECTRIC METER INSTALLATIONS

Chair: Kate Miller, Consumers Energy
Vice Chair: Joelle Foshee, Consumers Energy
Location: PEARL, 2ND FLOOR

Monday, August 4th————————————————————————————————————

7:00AM - 8:00AM	Breakfast - *Ambassador Ballroom, 2nd Floor*
8:00AM - 8:30AM	Welcome Remarks - *Ambassador Ballroom, 2nd Floor*
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 - *Ambassador Ballroom, 2nd Floor*
9:30AM - 10:00AM	Track 1 Welcome | Joelle Foshee, Consumers Energy
10:00AM - 10:30AM	Pre-training Assessment | Joelle Foshee, Consumers Energy
10:30AM - 12:00PM	Basic Electricity and Meter Math | Joelle Foshee, Consumers Energy
12:00PM - 12:45PM	Lunch - *Ambassador Ballroom, 2nd Floor*
12:45PM - 1:30PM	Voltmeters and Ammeters | Joelle Foshee, Consumers Energy
1:30PM - 2:00PM	Vendor Break/Project
2:00PM - 3:00PM	Group A: Series/Parallel Circuits | Joelle Foshee, Consumers Energy
2:00PM - 3:00PM	Group B: Basics of Voltage and Current Measurement Lab | Rob Reese, Tesco Metering
3:00PM - 4:00PM	Group A: Basics of Voltage and Current Measurement Lab | Rob Reese, Tesco Metering
3:00PM - 4:00PM	Group B: Series/Parallel Circuits | Joelle Foshee, Consumers Energy
4:00PM - 5:30PM	Vendor Social - *Center Concourse, 2nd Floor*
Evening	Dinner on your own

Tuesday, August 5th————————————————————————————————————

7:00AM - 8:00AM	Breakfast - *Ambassador Ballroom, 2nd Floor*
8:00AM - 8:15AM	Recap from day 1 | Joelle Foshee, Consumers Energy
8:15AM - 10:15AM	Group A: Series/Parallel Circuits Lab | Rob Reese, Tesco Metering
10:15AM - 11:15AM	Group A: Meter Introduction | Henry Martin, Radian Research
11:15AM - 12:15PM	Group A: Vendor Area Meter Testing
8:15AM - 9:15AM	Group B: Meter Introduction | Henry Martin, Radian Research
9:15AM - 10:15AM	Group B: Vendor Area Meter Testing
10:15AM - 12:15PM	Group B: Series/Parallel Circuits Lab | Rob Reese, Tesco Metering
12:15PM - 12:45PM	Lunch - *Ambassador Ballroom, 2nd Floor*

12:45PM - 1:30PM	Safety in Metering	Jeff Miller, Xylem
1:30PM - 2:15PM	Meter Socket Introduction	Nick Candler, Durham
2:15PM - 2:30PM	Vendor Break/Project
2:30PM - 3:15PM	Meter Socket Lifecycle	Bob Kiessling, Brooks Utility Products
3:15PM - 4:00PM	Meter Socket Testing Introduction	James Kennedy, Consumers Energy
Evening	Dinner on your own
7:00PM - 9:00PM	GLEMS Social at Woodrow's Duckpin Bowling

Wednesday, August 6th ───

7:00AM - 8:00AM	Breakfast - *Ambassador Ballroom, 2nd Floor*
8:00AM - 8:15AM	Recap from day 2	Joelle Foshee, Consumers Energy
8:15AM - 9:15AM	Group A: Single Phase Services and Misapplication of Meters	Kate Miller, Consumers Energy
8:15AM - 9:15AM	Group B: Meter Socket Checks Lab	Rob Reese, Tesco Metering
9:15AM - 10:15AM	Group A: Meter Socket Checks Lab	Rob Reese, Tesco Metering
9:15AM - 10:15AM	Group B: Single Phase Services and Misapplication of Meters	Kate Miller, Consumers Energy
10:15AM - 10:30AM	Vendor Break/Project
10:30AM - 11:30AM	Single Phase High Bill Complaint	Arthur DeCamp, Consumers Energy
11:30AM - 12:30PM	Lunch - *Ambassador Ballroom, 2nd Floor*
12:30PM - 1:30PM	Group A: Meter Investigation	Arthur DeCamp, Consumers Energy
12:30PM - 1:30PM	Group B: Single Phase Meter Investigation Lab	Rob Reese, Tesco Metering
1:30PM - 2:30PM	Group A: Single Phase Meter Investigation Lab	Rob Reese, Tesco Metering
1:30PM - 2:30PM	Group B: Meter Investigation	Arthur DeCamp, Consumers Energy
2:30PM - 2:45PM	Break
2:45PM - 3:30PM	Distributed Generation	DeAndre Smith, Consumers Energy
3:30PM - 4:00PM	Project Review	Joelle Foshee, Consumers Energy
5:30PM - 10:00PM	GLEMS Banquet at Whitecaps Baseball Game

Thursday, August 7th ───

7:00AM - 8:00AM	Breakfast - *Ambassador Ballroom, 2nd Floor*
8:00AM - 8:15AM	Recap from day 3	Joelle Foshee, Consumers Energy
8:15AM - 9:00AM	Grounding/Bonding/Neutral	Amanda Sherwood, Consumers Energy
9:00AM - 9:30AM	Post-training Assessment	Joelle Foshee, Consumers Energy
9:30AM - 10:30AM	AMI Infrastructure and Smart Grid	Jeff Goward, Power System Engineering
10:30AM - 11:00AM	Track 1 Wrap Up	Joelle Foshee, Consumers Energy