



**Rocky Mountain Meter School
2025 HANDS-ON METERING**

Location: Lory Student Center Room (LSC) University Ballroom & Lory Student Center (LSC) Room 376/378, unless otherwise listed

Moderator: Lester Oltjenbruns / Troy Foust

***Hands on sessions require preregistration due to maximum participant limits and the hands on work stations. If you are not pre-registered and wish to attend one of their sessions, you are welcome to do so based on available space. Available space to be determined by the room moderator.**

Monday, March 17, 2025

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|---------------------|--|
| 8:00 – 9:00 AM | Registration Check-In |
| 9:00 – 10:00 AM | Opening General Session – Welcome & Keynote
<i>LSC Room Ballroom BCD</i> |
| 10:15 – 11:00 AM | Harmonics
Instructor: Randy Campbell
<i>LSC Room 376/378</i> |
| 11:00 – 12:15 PM | Cogeneration and Private Generation Panel
Moderators: Matt Sadar & Brian Hontz
<i>LSC Room 376/378</i> |
| 11:45 AM – 12:15 PM | Electric Vehicle Charging and its Impact- Demo
Meet at in front of Room 376/378 and group will walk over to charging site (approx. 3 min walk)
Demo By: Dan Hollow |
| 12:15 – 1:15 PM | Lunch
<i>LSC – Grand Ballroom BCD</i> |
| 1:30 – 2:30 PM | Test Switch Operations
Instructor: Dan Hollow
<i>LSC - Room 376/378</i> |

- 2:30 – 3:30 PM **Meter Service Verification**
Instructor: **Martin Hiatt**
LSC - Room 376/378
- 3:30 – 3:45 PM Break
- 3:45 – 4:30 PM **Solar Class**
Led by: **Michael Randall**
LSC - Room 376/378
- 4:30 – 5:30 PM **Tour of CSU Solar Panels**
Led by: **Michael Randall**
Meet at LSC Room 376/378
- 5:15-7:45 PM RMEMA Welcome Reception with Vendors
LSC – Grand Ballroom BCD

Tuesday, March 18, 2025

- 7:00 – 8:30 AM Breakfast Buffet with Vendors in the Exhibit Hall
LSC - Ballroom BCD
- 8:45 – 11:45 AM **Rotations of:**
a: Self-Contained Meters
b: Wiring 5s/8s/6s/9s
c: Primary Instrument Transformer Wiring
LSC - University Ballroom
- 10:45 – 11:15 AM **Pulse Values – Session 1**
Instructor: **Christopher Campbell**
LSC - University Ballroom
- 11:15 – 11:45 AM **Pulse Values – Session 2**
Instructor: **Christopher Campbell**
LSC - University Ballroom
- 11:45 AM – 12:30 PM Lunch with Vendors
LSC Ballroom BCD

12:30 – 1:45 PM

Session Choice – *Select One - All Tracks*

Option 1 - Software Demonstration Session (*Select one*)

Location: *Itron – LSC Room 322*
Honeywell/Elster – LSC Room 324
Aclara / G.E. – LSC Room 372/374
Landis + Gyr – LSC Room 376/378

OR

Option 2 – RF Interference and Human Safety for Metering

Instructor: *Michael Randall*

Location: LSC Room 386

2:00 – 3:00 PM

Rotations of:

a: Self-Contained Meters

b: Wiring 5s/8s/6s/9s

c: Primary Instrument Transformer Wiring

LSC - University Ballroom

3:00 – 3:30 PM

Break with Vendors in the Exhibit Hall

LSC Ballroom BCD

3:45 – 5:00 PM

Rotations of:

a: Shorts / Loads

b: Wiring 5s/8s/6s/9s

c: Primary Instrument Transformer Wiring

LSC - University Ballroom

Wednesday, March 19, 2025

7:30 – 8:00 AM

Breakfast

LSC – Outside classrooms

8:00 – 9:30 AM

Selection, Use and Care of Arc Rated Clothing

Instructor: *Derek Sang*

LSC - Room 376/378

9:30 – 9:45 AM

Break

9:45 – 10:45 AM

Simulating Real World Metering Conditions

Instructor: *Dan Hollow*

LSC - Room 376/378

10:45 – 11:30 AM

High Accuracy / Extended Range CT's

Instructor: **Ryan Alkire**

LSC - Room 376/378

11:30 AM - 12:30 PM

Buffet Lunch

LSC Ballroom CD

12:45 – 1:30 PM

Special Interest Sessions #1 – *Select one*

1A – Utility Theft, Tampering and Collections

Presenter: **Mike Espinosa**

Location: LSC Never No Summer Ballroom

1B – Colorado Legislative Update

Presenter: **Kent Singer**

Location: LSC Room 386

1C – SPP and Integrated Markets in the Western Interconnection

Presenter: **Steve Johnson**

Location: LSC Room 390

1D - Distributed Energy Resources Management (DERMS) and Virtual Powerplant

Presenter: **Zach Borton**

Location: LSC Room 376/378

1E – Impacts of Residential EV Charging on Utility Operations

Presenter: **Eric Lambert**

Location: LSC Room 322

1:45 – 2:30 PM

Special Interest Sessions #2 – *Select one*

2A – Utility Theft, Tampering and Collections

Presenter: **Mike Espinosa**

Location: LSC Never No Summer Ballroom

2B – Colorado Legislative Update

Presenter: **Kent Singer**

Location: LSC Room 386

2C – SPP and Integrated Markets in the Western Interconnection

Presenter: **Steve Johnson**

Location: LSC Room 390

**2D - Distributed Energy Resources Management (DERMS)
and Virtual Powerplant**

Presenter: **Zach Borton**

Location: LSC Room 376/378

**2E – Impacts of Residential EV Charging on Utility
Operations**

Presenter: **Eric Lambert**

Location: LSC Room 322

2:30 – 2:45 PM

Break

2:45 – 3:30 PM

Instrument Transformers and Factory Engineers

Instructor: **Chris Zaphiris**

LSC - Room 376/378

3:30 – 5:00 PM

Understanding MDM

Instructor: **Doug Burkes**

LSC Room 376/378

Thursday, March 20, 2025

7:30 – 8:00 AM

Breakfast

LSC - Outside classrooms

8:00 – 9:30 AM

Troubleshooting Rotations of:

a) Vector Analysis

b) Alternate Wiring Verifications

c) Identifying Wiring Problems

LSC - University Ballroom

9:30 – 9:45 AM

Break

9:45 – 11:15 AM

Troubleshooting Rotations of:

a) Vector Analysis

b) Alternate Wiring Verifications

c) Identifying Wiring Problems

LSC - University Ballroom