



Grounding & Arc Flash Workshop + July Safety Roundtable

Tuesday, July 8, 2025
8:00 a.m. - 4:00 p.m. MDT

Wednesday, July 9, 2025
8:00 a.m. - 2:00 p.m. MDT

Tri-State Generation & Transmission Association
1100 W 116th Ave, Westminster, CO 80234

Description

Join us for a two-day event focused on enhancing safety in the electric utility industry. **Day 1 features the Grounding and Arc Flash Workshop**, led by industry veterans, offering critical insights into system grounding, arc flash hazards, and practical safety strategies. **Day 2 includes the Safety Roundtable**, providing a forum for peer-to-peer sharing of experiences and expertise on current safety topics. Don't miss this opportunity to gain technical knowledge, troubleshoot safety concerns, and network with industry peers to advance safety practices.

Who Should Attend

This workshop is designed for transmission maintenance technicians, engineers, safety professionals, and distribution technicians who work near energized transmission lines or equipment. It is also valuable for anyone exposed to energized, uninsulated, live circuit parts and conductors. Individuals from other backgrounds are welcome to attend and gain valuable insights into transmission and safety topics.

Professional Development Hours

Upon completion of the conference, attendees will receive a continuing education certificate worth **12.0 Professional Development Hours (PDHs)** in their online Alltricity Network profile. PDHs may be applied toward recertification credit. Typically, 1.0 PDH is equal to .1 CEU, but that conversion scale should always be confirmed with the certifying body attendees are affiliated with.

Workshop Pricing

Registration includes: Breakfasts and lunches on days 1 and 2, electronic handouts (if applicable), attendee roster and, upon workshop and roundtable completion, a continuing education certificate. *Discounted Group Registration pricing and Early Bird rates are for members only.* Early Bird pricing ended on May 30.

Member price \$645

Non-Member price \$1,095

Group Registration: 5-pack \$2,865 (save \$360!)

Group Registration: 10-pack \$5,855 (save \$595!)

Registration is Open!

ONLINE:

AlltricityNetwork.org/S_GROUNDING25SRT

PHONE:

(303) 865-5544

Cancellation & Refund Policy: 100% of fees are refundable if cancellation is received 29 days or more before the event date. If cancellation is received between 28 and 14 days before the event date, 50% of the registration fee will be refunded. No refunds will be issued for cancellations received 13 days or less before the event date, including no-shows. To have someone take your place, please notify Alltricity Network at info@alltricitynetwork.org anytime before the event.

Workshop + Roundtable Agenda

Day 1: Tuesday, July 8, 2025

7:30-8:00 a.m.

Arrival & Breakfast Available

8:00 a.m.-12:00 p.m.

Grounding & Arc Flash Workshop

This comprehensive workshop is designed to equip transmission professionals with essential knowledge and skills for system and equipment grounding, as well as safe practices for mitigating arc flash hazards. This workshop delves into the 'why' and 'how' of grounding, exploring key concepts, practical applications, and real-world incidents to deepen your understanding. Additionally, you'll learn about arc flash hazards, their causes, and the critical steps to maintain safety when working with energized equipment. Taught by industry veterans with decades of hands-on experience, this workshop combines technical insights with practical strategies to help you enhance workplace safety and ensure regulatory compliance.

Workshop Outline:

1. System & Equipment Grounding

- Grounding Concepts - *Why we ground*
- Grounding Practices - *How we ground*
- Grounding Incidences - *Applying knowledge to real situations*

12:00-1:00 p.m.

Networking Lunch

12:00-4:00 p.m.

Grounding & Arc Flash Workshop

2. Arc Flash

- Arc Flash Hazards & Theory
- Safe Work Practices for Mitigating Arc Flash
- Arc Flash Incidents

About the Workshop Instructors

Ron Craig, Safety & Health
Coordinator, Transmission Safety,
CLCP, Tri-State Generation &
Transmission Association



Ron brings 27 years of experience in the electrical industry, including 12 in Transmission maintenance and the last three in Safety, where he earned his CLCP certification. He has led safety committees and focus groups focused on grounding and arc flash procedures. A former Heavy Apparatus Journeyman at Tri-State, Ron also completed a four-year apprenticeship and worked as a journeyman inside wireman in New Mexico's commercial and industrial sectors since 1997.

Garrett Fauteck, Senior Technical
Training Specialist & Technical
Workforce Development, Tri-
State Generation & Transmission
Association



Garrett has over 21 years of experience in the electrical industry, including 14 in substation maintenance and construction. A former Heavy Apparatus Journeyman, he now trains substation apprentices at Tri-State. He has served on safety committees and focus groups focused on grounding and arc flash procedures, bringing real-world field experience to his training and safety work.

Mike Holst, Senior Safety & Health
Coordinator, Transmission Safety,
CUSP, CLCP, Tri-State Generation &
Transmission Association



Mike brings over 30 years of experience in the electrical industry, including 15 years as a Journeyman Lineman in Line Maintenance at Tri-State. For the past 5 years, he has worked in Tri-State's Safety & Health department, contributing to safety committees and focus groups on grounding and arc flash procedures. His field background supports his ongoing efforts to ensure a safe work environment for both Tri-State and contract employees.

Workshop + Roundtable Agenda

Tyler Johnson, Safety & Health Coordinator, Transmission Safety, CLCP, Tri-State Generation & Transmission Association



Tyler has worked in the electrical industry since 2002 and has held a Journeyman Lineman A ticket since 2006. He joined Tri-State in 2013 and specializes in Barehand, Live Line, and Rope Access work, with expertise across distribution and high-voltage transmission. Tyler has played a key role in developing and training grounding methods for Tri-State and other utilities.

Dustin Leonard, Lineman Training Specialist, Tri-State Generation & Transmission Association



Dustin has over 12 years of experience in the electrical industry, starting in residential construction before becoming a Journeyman Lineman at Tri-State. He now serves as a Field Training Specialist and has contributed to various safety and technical committees. Certified as a drone pilot, rope access technician, and chainsaw trainer, Dustin brings valuable field experience to lineman training programs.

Shawn Olsen, Senior Safety & Health Coordinator, Transmission Safety, CUSP, CLCP, Tri-State Generation & Transmission Association



Shawn has been with Tri-State since 2015 and joined the Safety team in 2020, earning CUSP and CLCP certifications. He previously worked as a Substation Construction Electrician, advancing from Apprentice to Journeyman and Substation Electrical Technician. Before Tri-State, Shawn was a licensed Journeyman Electrician in Colorado with 25 years of experience in commercial and industrial work.

Day 2: Wednesday, July 9, 2025

7:30-8:30 a.m.

Arrival & Breakfast Available

8:30-9:30 a.m.

Featured Topic Presentation: Effective Grounding

This presentation will address the challenges and practical solutions involved in installing effective grounding for both structure grounding and personal protective grounding (PPG) / temporary protective grounding (TPG) scenarios. Topics will include considerations for high-induction corridors, the use of tensioners and pullers, and working in difficult soil conditions such as rock and sand. Attendees will gain insights into best practices and field-proven techniques to ensure safe and reliable grounding under a variety of real-world conditions.

About the Presenter

Kris Cox, Utility Technical Specialist, SAEinc



Kris spent 35 years with Ontario Hydro / Hydro One in Transmission, Distribution, and Stations Engineering & Operations. He's led key initiatives in reliability, equipment failure investigations, and public safety, and overhauled Distribution OH&UG standards and practices. Now with SAE, Kris works with utilities across the Americas to reduce equipment failures and enhance safety performance.

9:30 a.m.-12:00 p.m.

Safety Roundtable Discussion

12:00-1:00 p.m.

Networking Lunch

1:00-2:00 p.m.

Safety Roundtable Discussion

2:00 p.m.

Adjourn

Nearby Hotels

Delta Hotels Denver Thornton, by Marriott

10 East 120th Avenue
Northglenn, CO 80233

DoubleTree by Hilton Hotel Denver - Thornton

83 East 120th Avenue
Thornton, CO 80233

Courtyard Denver North/Westminster, by Marriott

14355 Orchard Parkway
Westminster, CO 80023

Thank You, Alltricity Network Safety Committee!

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The **Alltricity Network Safety Committee** plans all Alltricity Network Safety events. If you'd like to send the committee suggestions for future event topics, content, or other information, please email Kathryn Hail at khail@alltricitynetwork.org.