



Electrical Safety Community of Practice

2024 ELECTRICAL SAFETY WORKSHOP



YOU ARE INVITED

The Idaho National Laboratory is hosting the 2024 Energy Facility Contractor Operating Group (EFCOG) Electrical Safety Community of Practice workshop. The annual workshop will be held in Idaho Falls, Idaho July 22nd through 26th.

The workshop provides a forum for developing best practices and procedures to improve electrical safety programs within the DOE complex. We encourage safety professionals, electrical engineers, electricians, technicians, electrical inspectors, electrical trainers, and other personnel involved in electrical safety to join us for this exciting workshop.

JULY 22-26, 2024

IDAHO NATIONAL LABORATORY, IDAHO FALLS, IDAHO

Meeting and Workshop Contacts:

Kelden Boren, (INL) – Electrical Safety Community of Practice Workshop Lead
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Scot Winningham, (ORNL) EFCOG Electrical Safety Community of Practice Chair
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Registration Link Coming Soon

Visit Idaho National Lab Details:

<https://inl.gov/visitors/>

Agenda

2024 Electrical Safety Workshop

Monday, July 22nd

6:30 – 8:00 AM	Check-in / Registration/ Badging (as needed)
8:00 – 8:10	Welcome 2024 ESCoP Workshop – Kelden Boren – Workshop Host
8:10 – 8:20	Workshop Opening Remarks – Scot Winningham / Tommy Martinez
8:20 – 8:40	Welcome to INL – Eric Papaioannou – ESH&Q Director
8:40 – 10:15	Morning general session (Details to follow)
10:15 – 10:30	<i>Morning Break</i>
10:30 – 12:00 PM	Morning general session (Details to follow)
12:00 – 1:00	<i>Lunch</i>
1:00 – 3:00	Afternoon General Session (Details to follow)
3:00 – 3:15	<i>Afternoon Break</i>
3:15 – 4:30	Afternoon General Session (Details to follow)
4:30 – 5:00	Introduction to Working Groups – Kelden Boren, Workshop Lead
	<ol style="list-style-type: none">1. Utility Standards Interface2. Hazardous Energy Control3. Safety By Design4. DC Electrical Hazards and Controls5. Subcontractor Oversight

Tuesday, July 23rd

7:00 – 8:00 AM	Check-In (EIL)
8:00 – 12:00 PM	INL Tours (Choose one during registration) Tour 1: Materials & Fuels Complex Tour 2: Central Facilities Area Tour 3: Energy Systems Laboratory
12:00 – 1:00 PM	<i>Lunch</i>
1:00 – 5:00 PM	Working Groups convene

Wednesday, July 24th

7:00 – 8:00 AM	Check-In (EIL)
8:00 – 12:00 PM	Working Groups continue
12:00 – 1:00 PM	<i>Lunch</i>
1:00 – 5:00 PM	Working Groups continue

Thursday, July 25th

7:00 – 8:00 AM	Check-In (EIL)
8:00 – 12:00 PM	Working Groups continue
12:00 – 1:00 PM	<i>Lunch</i>
1:00 – 5:00 PM	Working Groups Continue

Friday, July 26th

8:00 – 10:00 AM	Working Groups Report Out
10:00 – 10:30 AM	Closing remarks Scot Winningham / Tommy Martinez

WORKING GROUP DESCRIPTIONS

- Utility Standards Interface – Mike Rose/Eric Stromberg**
 - Intersection of NFPA 70E and IEEE-C2 (1910.331 vs. 1910.269)
- Safety by Design – Tracy Roberts/Richard Waters**
 - Permanently installed absence of voltage testing devices – Installation, labeling, inspection and approval, and appropriate training
 - Practical safeguarding of electrical components and assemblies
 - Use of non-contact detectors for absence of voltage testing over 1000 V (Proposed)
 - Alternative to GFCI monthly testing (Proposed)
 - Zone interlocking for arc flash reduction (Proposed)
- Subcontractor Oversight – Jennifer Martin/Mark Muir**
 - Grading of Electrical Safety program for construction subcontractors
- Hazardous Energy Control –Eric Johannsen/Mark McCain/Keola Baclayon**
 - Align Electrical Severity Measurement Tool with ORPS Reporting
 - Electrical Safety Month Materials
 - Event Trending
- DC Working Group – Lloyd Gordon/David Rosewater/Stephanie Collins**

- a. Evolution of hazards – changing technology
- b. Thresholds for low voltage
- c. Guidance on replacing again battery systems