

2023 FIRE PROTECTION WORKSHOP

DEPARTMENT OF ENERGY (DOE)/ENERGY & FACILITY CONTRACTORS GROUP
(EFCOG) FIRE PROTECTION TASK TEAM (FPTT)



YOU ARE INVITED

- You are invited to the 2023 Annual DOE/EFCOG Fire Protection Workshop to be held July 31-August 3, 2023, in Golden, Colorado. The National Renewable Energy Laboratory is hosting the workshop for the Fire Protection Task Team of the Energy Facility Contractors Group.
- The workshop will provide a forum for identifying best practices and procedures to improve fire protection safety practices within the DOE complex. We encourage fire protection engineers, Authorities Having Jurisdictions (AHJs)/Fire Marshals, Fire Chiefs, and other personnel involved in DOE Fire Protection to join us for this exciting workshop.

JULY 31-AUGUST 3, 2023

National Renewable Energy Laboratory

Registration: <https://efcog.org/event/doe-efcog-fire-protection-workshop/>



NATIONAL RENEWABLE ENERGY LABORATORY

15013 Denver West Parkway
Golden, CO 80401

Agenda

2023 Fire Protection Workshop

Monday, July 31

7:00 – 8:00 AM	Enter NREL Site / Check-In at Research Support Facility (RSF)
8:00 – 8:05 AM	Welcome & Introduction (workshop will be held in RSF room X344 San Juan)
8:05 – 9:00 AM	Hydrogen Fundamentals – WHA International
9:00 - 9:15 AM	Break
9:15 – 10:15 AM	Hydrogen Fundamentals – WHA International
10:15 – 10:30 AM	Break
10:30 – 11:45 AM	Hydrogen Fundamentals – WHA International
11:45 AM – 1:00 PM	Lunch Break on Your Own
1:00 – 2:00 PM	NFPA 2, <i>Hydrogen Technologies Code</i> – Phil Clark, NREL
2:00 – 2:15 PM	Break
2:15 – 3:30 PM	NFPA 2, <i>Hydrogen Technologies Code</i> – Phil Clark, NREL

Tuesday, August 1

7:00 – 7:45 AM	Enter NREL Site / Check-In at RSF
7:45 – 8:00 AM	Welcoming Remarks – Dan Beckley, NREL Associate Lab Director; Derek Passarelli, DOE-GFO Director; Nick Bartlett, Workshop Lead
8:00 – 9:00 AM	Tackling the Construction Fire Crisis (NFPA 241) – Bruce Campbell, Jensen Hughes & Kevin Carr, NFPA
9:00 – 9:30 AM	Introductions/Networking
9:30 – 11:00 AM	EV/Energy Storage Systems and Emerging Code Requirements – Craig Burgess, SRNS; Matt Paiss, PNNL; Michael Davenport, SRNS; Nick Bartlett, NREL;
11:00 – 11:15 AM	Break
11:15 – 11:45 AM	INL/INTEC Wireless Emergency Communication System – Stephen Thorne, ICP
11:45 AM – 1:00 PM	Lunch Break on Your Own
1:00 – 2:00 PM	SAFER Fire Protection Module: Overview and Use Cases – James O'Brien, NNSA
2:00 – 2:30 PM	Break/Networking
2:30 – 3:00 PM	Dust Hazard Analysis – Tomas Sanchez, SNL
3:00 – 3:30 PM	Fire Pump Room Fire in Germantown HQ, MD – Enrique Uribe, US DOE HQ
3:30 – 4:00 PM	Fire System Integrated Priority at the Idaho National Lab – Michael Cates, INL
4:00 – 4:15 PM	Break
4:15 – 4:45 PM	Revisions to Glovebox Society Standard of Practice – Ralph Clayton, Fire and Pump Service Group

Wednesday, August 2

7:00 – 7:45 AM	Enter NREL Site / Check-In at RSF
7:45 – 8:30 AM	Viking Oxeo Special Suppression System – Eileen Sellers, BDM Special Hazards
8:30 – 9:00 AM	Break/Networking
9:00 – 10:00 AM	Additive Manufacturing – Justin Mott & Zach Parks, KNSC
10:00 – 10:45 AM	Ghost Ship Fire Investigation & Lab Fire at LBNL – Nick Bartlett, NREL
10:45 – 11:00 AM	Break
11:00 – 11:30 AM	Challenges in DOE Subterranean Facilities & Operations – John Saidi, DOE/SC/OSS
11:30 – 11:45 AM	Presentation of Walter W. Maybee Award for Fire Protection
11:45 AM - 1:00 PM	Lunch Break on Your Own
1:00 – 2:00 PM	Fire Protection Program Update – Jim Bisker, US DOE HQ
2:00 – 2:15 PM	Break
2:15 – 3:15 PM	Breakout Sessions
3:15 – 3:30 PM	Break
3:30 – 4:50 PM	Breakout Sessions
4:50 – 5:00 PM	Closing Remarks – NREL Fire Protection Group

Thursday, August 3

7:00 – 7:45 AM	Enter NREL Site / Check-In at RSF
7:45 – 8:00 AM	Transit to tour location from RSF room X144 Green Bean
8:00 – 11:30 AM	Tours (ESIF, IBRF, S&TF)
11:30 – 11:45 AM	Transit back to RSF room X144 Green Bean
11:45 AM	Release from conference

General information for visiting NREL can be found at the following link. This information includes local hotel and travel information to assist in planning your trip.

Visit NREL Details: <https://www.nrel.gov/about/golden.html>

MEETING AND WORKSHOP CONTACTS:

[Nick Bartlett](#), National Renewable Energy Laboratory – EFCOG Workshop Lead

720-320-9461 (Nicholas.Bartlett@nrel.gov)

[Daniel Garcia](#), National Renewable Energy Laboratory – EFCOG Workshop Alternate

720-582-6758 (Daniel.Garcia@nrel.gov)

[Riley Sutton](#), National Renewable Energy Laboratory – EFCOG Workshop Alternate

405-612-7090 (Riley.Sutton@nrel.gov)

BREAKOUT SESSION GROUPS:

1. DOE Fire Safety Committee – RSF room X326 Gunnison
 - a. Lead: Jim Bisker, DOE HQ
2. EFCOG Fire Protection Working Group – RSF room X344 San Juan
 - a. Lead: Michael Cates, INL
3. Authorities Having Jurisdictions (AHJs) – RSF room X317 Vibe
 - a. Lead: Michael Davenport, SRS
4. Fire Chiefs – RSF room x324 Huerfano
 - a. Lead: Chief Brady Austin, INL
5. General Session – RSF room X344 San Juan
 - a. Lead: Riley Sutton, NREL