



## Batteries: EV, Micromobility & Energy Storage Systems

*What you Need to Know*

With battery fires occurring each day around the world, becoming familiar with this technology is vitally important to the fire service and fire protection communities.

The purpose of this program will be to review the functioning and associated hazards presented by lithium ion batteries in use in society today. These include household products, micromobility devices, electric vehicles and battery energy storage systems.



The first portion of the program will review recent incidents involving thermal runaway and other malfunctioning devices and how the fire service was or may be impacted by these incidents.

The second portion of the program reviews recent incidents involving BESS and the fire service impacts from these events.

The third (final) portion of the program will review NFPA 855 and the requirements therein and how these requirements will make BESS installations more standardized, utilizing the latest technology and safety designs.

**Reward Credits** This webinar qualifies the MIIA member for .5% MIIA Rewards credit the Workers' Compensation category.

**Accommodations** For alternative formats, reasonable modification requests please contact [us](mailto:us@emiia.org).

### DATE & TIME

Wednesday  
January 15, 2025  
10 AM to 11:30 AM

### LOCATION

Virtual

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### PRESENTER

**Robert F. Duval**  
Northeast Regional Director/Fire Investigator  
NFPA

Robert has been the Fire Investigator for the NFPA (National Fire Protection Association), which is based in Quincy, Massachusetts, since 1997. Robert is responsible for conducting investigations of technically significant incidents in order to gather, "Lessons Learned" from each incident to apply those lessons to improving NFPA codes and standards. The investigation of these incidents includes documenting the emergency services response, the structure(s) involved as well as the events leading up to and following the incident.

[Read full bio](#)