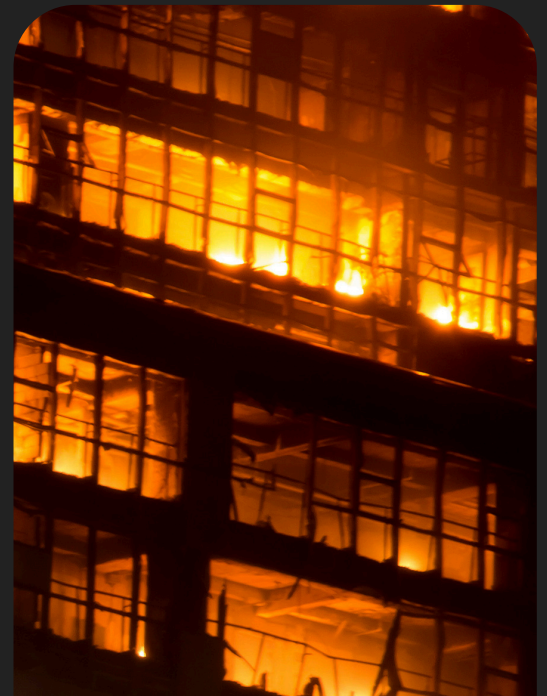


# Energy Storage for First Responders and Fire Safety Personnel

Wednesday, 29 July | 8.00AM - 5.00PM EST

At the Loews Sapphire Resort (Orlando, FL)

Fire safety personnel are on the front lines, dealing with the consequences of the growing popularity of battery energy storage for data centers, utility energy storage systems, and electric vehicles. The skyrocketing use of various forms of energy storage has made it difficult to find a single place to learn about the different types and the safety considerations for battery energy storage in different applications.



Battcon, in collaboration with experts in the battery industry, has organized a special seminar focused on equipping fire personnel and AHJs with energy storage basics, safety considerations, and key info to better equip them for their role in ensuring safe and reliable execution of energy storage resources in the future.

# Energy Storage for First Responders and Fire Safety Personnel

The seminar will include educational courses on:

*Price: \$400 (lunch included). The day long course will include lunch and plenty of breaks, allowing time to speak directly to experts and your fellow AHJs and fire safety professionals.*

- **Battery energy storage basics (learn from experts about the main categories of batteries: Lead-acid, lithium-ion, flow, nickel, and zinc)**
- **Battery use: Standards overview – NFPA and ICC over the last few years have formed several standards for storage, transport, and safe use of batteries in energy storage systems.**
- **Electrical Hazards (Shock, Arc flash)**
- **Thermal hazards below shock and arc flash voltage levels**
- **Chemical Hazards (Acid, Alkali)**
- **Suppression and Containment, PPE needed**
- **HazMat considerations**
- **Plenty of time for Q&A**



## Key Takeaways:

- **Basic Batteries and Energy Storage for first responders**
- **Battery technologies and their characteristics**
- **Electical, chemical, and toxic gas hazards of batteries**
- **PPE recommendations and limitations**