

Data Center Energy Storage System Fire Safety Critical Review of Local Framework, International Standards, and Assessment Methods

Ir. Alan Chan

Fire Safety Consultant

22 SEPT
2026

2:30am
–3:30pm

Power Space 1,
Hall 1

This session provides an overview of Malaysia's regulatory framework and international standards for lithium-ion battery fire safety. It covers fire risk mitigation, product safety requirements, and storage and charging facility design, while introducing tools such as CFD and Hazard Mitigation Analysis (HMA). Participants will gain practical insights into standards including NFPA 855 and UL 9540A for implementing performance-based fire safety solutions.

BEM APPROVED CPD: 1
REF NO: IEM26/HQ/392/T