

Battery Energy Storage Systems Key Loss Control Information:

AEGIS requests that any Battery Energy Storage Systems (BESS) are clearly identified in the submission for property insurance coverage for each location. This information should include a Hazard Mitigation Assessment (HMA) performed to the guidance in AEGIS's Lithium-Ion Battery Energy Storage Systems (Li-Ion BESS) White Paper. The HMA should include or reference key information such as the following for each installation.

1. Description of site and layout (e.g. Separate dedicated building(s), within/adjacent another structure/building, modular design and separation distances, etc.).
2. Description of the individual BESS enclosure configuration.
3. Type of Batteries (chemistry, manufacturer, model, number of cells/modules).
4. Please provide any testing completed (e.g. UL 9540A results or other fire testing).
5. Deflagration Hazard Study in accordance with Tentative Interim Amendment (TIA) 20-2 to NFPA 855.
6. Description of BMS system and description of granularity of monitoring (e.g., is each cell monitored for voltage and temperature and are there shutdown features).
7. Description of any fire, smoke, and gas detection systems.
8. Description of any fire suppression systems (e.g. gaseous, aerosol, water, etc.).
9. Description of any ventilation systems (e.g. normal, fire condition, etc.).
10. Description of any deflagration venting or emergency exhaust systems.
11. Is there a remote indication & control for first responders?
12. Has the first responders been trained at this location for this hazard within the last 12 months?
13. Breakdown of values of BESS equipment.

Please provide any other analysis and details that might be relevant regarding risk and mitigations. Providing these details will help differentiate risks.

For further information on the subject matter please contact:

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