

We know that fire safety is a key concern for many people when it comes to battery storage projects. Please be assured that fire safety has been carefully planned and built into every stage of this project, from the design to the day-to-day operation.

ADVANCED FIRE DETECTION AND SUPPRESSION SYSTEM

A comprehensive fire detection and suppression system is integrated into the BESS design. This includes smoke, heat, gas detectors, alarm systems, and a clean agent fire suppression system (FK5112) that activates automatically in the event of an incident.

The system also features pressure relief ports, ventilation systems, vent panels, and manual emergency controls to contain and respond to any abnormal conditions safely and effectively. These features help prevent the build-up of pressure and reduce the risk of escalation during an incident. The system can also switch between manual and automatic emergency operation modes, providing flexible control in a variety of scenarios.

COMMITMENT TO FIRE SAFETY STANDARDS

The proposed BESS development has been designed to meet the highest safety standards, including compliance with NFPA 855, 68, 69, and 13, as well as UKCA, CE.

These standards ensure robust fire protection is built into every aspect of the system, from installation to operation. Although the BESS is sited in an urban area, it is safely separated from nearby residential housing. Fire prevention, detection, and suppression measures are built into the system from the ground up.

CERTIFIED, TESTED AND SAFE FOR THE COMMUNITY

All equipment used in the BESS is fully certified to internationally recognised standards, including IEC62619, IEC62933, UN38.3, and UKCA/CE. These certifications cover key aspects such as electrical safety, fire resistance, electromagnetic compatibility, and transport safety.

The batteries and associated systems have undergone rigorous testing to ensure they are safe for use in more populated areas. Given the site's urban location—but clear separation from nearby residences—we are confident that the design offers a high level of protection for both the immediate environment and the wider community. Public safety remains our highest priority, and we welcome any questions during this consultation to ensure clarity and trust.

