

# Operational Details

Energy Storage Systems and solar farms are safe technologies, with many operational sites currently located across the UK. The development will incorporate a number of embedded safety mitigation measures to ensure that the development operates safely, in accordance with regulatory requirements and meeting the requirements of the local Fire Service.



The safety of our sites is of key importance at Innova. We are designing the proposal to include a number of safety measures to ensure the surrounding pedestrians, residences and buildings are protected and the equipment on-site remains in suitable working condition.

The design of the proposed development incorporates a number of safety measures which align with the National Fire Chiefs Guidance (NFCC) for Grid Scale Energy Storage Planning and the Department for Energy Security and Net Zero 'Health and Safety Guidance for Grid Scale Electrical Energy Storage System' recommendations. We will be consulting the Northamptonshire Fire and Rescue Service pre-submission of the application to confirm suitable measures are included in the proposal.

The design of the ESS ensures;

- 1 Suitable access for effects fire and safety operational response, where an event occurs.
- 2 Suitable spacing between ESS containers and surrounding areas in accordance with the NFCC guidance.
- 3 Remote control of the site to switch on/off the equipment.
- 4 Inclusion of fire detection, suppression systems and on-site water supplies for emergency services use.
- 5 Water containment on-site to ensure liquid used in an event is removed from the site in a suitable and safe way.
- 6 24 hour remote monitoring of the equipment.

The full list of design and safety measures incorporated within the proposed development will be set out within the planning application.

