

# A Commitment to Safety in Everything We Do

From technology selection and design standards to training and emergency preparedness, the safety of our communities, employees, contractors, partners and neighbors is our top priority.



Meet or exceed rigorous safety and fire **codes and standards**



**Certified and tested** at the battery and system-level



Proven monitoring technology and **advanced safety design** features



Planned in **collaboration** with local and regional first responders

## How We Practice Energy Storage Safety

- + 24/7 remote monitoring by trained personnel
- + Annual training provided by industry experts to facility staff and local emergency responders
- + Multi-agency emergency operations and response plan



# Proven, Integrated and Advanced Safety Features



To ensure safety, enclosures cannot be physically entered.



System and site data accessible to first responders via dedicated remote and on-site controls.



Battery and enclosure design eliminates risks of leaks.



Battery management systems safely operate and monitor the battery systems 24/7.



Sensors monitor each battery's voltage, current, temperature and health.



Ventilation, heating and cooling equipment to ensure safe operation.



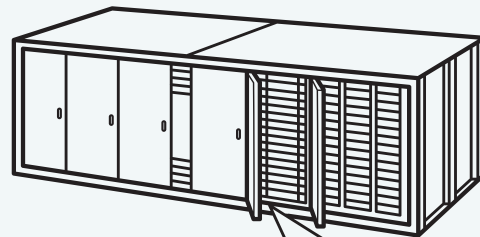
Smoke, heat and gas sensors and cameras alert system operators if fault conditions exist.

## Best-In-Class Standards

GridStor systems are designed and built to comply with the latest codes and standards for battery energy storage systems (BESS) including:

- + International Fire Code (IFC)
- + National Fire Protection Association (NFPA)
- + Underwriters Laboratory (UL)

Codes and standards have become more specific and standardized, resulting in improved safety of battery energy storage systems. GridStor systems are designed and built to comply with the latest codes and standards for battery energy storage systems including the IFC, NFPA and UL standards.



### Spotlight on UL 9450A

A battery system must show its ability to prevent the propagation of thermal failures in battery cells before obtaining UL 9540 certification and undergoing the UL 9540A test. This testing provides BESS designers, operators and first responders with vital safety evaluations, informing protocols. GridStor exclusively employs equipment that meets these stringent criteria and adheres to other industry codes and standards.

