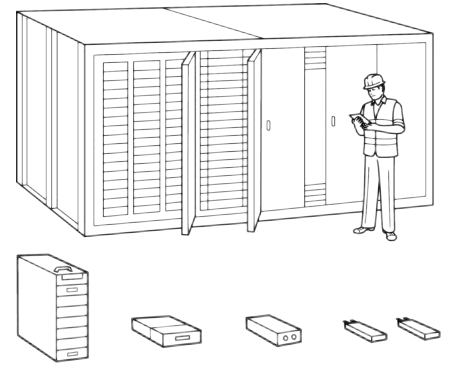


# SAFETY BY DESIGN

GridStor takes health and safety seriously. We meet or exceed all applicable codes and standards on our projects, including those set by:

- + Federal, State, County and City Codes
- + International Fire Code (IFC)
- + National Fire Protection Association (NFPA) (e.g. 68, 69, and 855)
- + Underwriters Laboratories (UL) (e.g. 9540/9540a)



*For more information visit [gridstor.com](http://gridstor.com) or contact [info@gridstor.com](mailto:info@gridstor.com)*

## Understanding Energy Storage Codes & Standards

Codes are the government rules and regulations that govern construction projects and facility operations to protect the health and safety of personnel, properties, communities, and the environment. Standards are the instructions our industry sets forth for fulfilling these rules.

Members of the GridStor team participate in developing national codes and standards and hold active roles in industry standards committees.



# OUR PROACTIVE APPROACH TO EMERGENCY RESPONSE PLANNING

Through our strict adherence to codes, standards and best practices, GridStor anticipates each project will have successful and safe long-term operation. We also proactively plan and prepare for any unlikely emergencies to protect first responders and communities.

1.

## SITE PLANNING

We begin our emergency response preparation in the site planning stage. Working with local fire departments and first responders, we develop an emergency response plan with a site layout and prepare several types of analysis including hydrant flow tests, hazard mitigation, failure modes and effects, air quality assessments, and a preliminary plan to address emergency scenarios.



2.

## PERMITTING

In the permitting phase, we finalize the emergency response plan, emergency operations plan, and site safety plan, while providing documentation of code compliance, decommissioning procedures, emergency backup power design, fire detection and suppression design, and fire department access among other safety protocols.



3.

## PRE-CONSTRUCTION

Before ground is even broken, our project sites go through rigorous engineering and review processes. This includes onsite training with local first responders and a walk-through of the site's emergency response plan to ensure all parties are prepared to respond in the safest manner possible.



4.

## CONSTRUCTION

GridStor builds secure outdoor battery energy storage systems, which means our battery enclosures are not within a building and cannot be physically entered. Our batteries are rated to withstand extreme temperatures and precipitation, and we configure our facilities with ample space between enclosures so they are easy to access and monitor. Clear pathways provide safe walkways for response personnel, while effective landscape design enhances site aesthetics and the defensible space around our containers and property boundaries.



5.

## OPERATION

Once operational, our facilities are remotely monitored 24/7 and are equipped with a variety of site security features including sensors, detectors, and analytics to monitor their health, ventilation, heating and cooling controls to maintain safe operation. Each facility's system and site data are accessible to first responders through dedicated remote and on-site controls.