

Notice on Energy Storage System Compliance



Overview

This document is intended to provide guidance to local governments considering developing an ordinance or rules related to the development of utility-scale battery energy storage systems. The Generation and Energy Storage Section (GESS) of Electric Safety and Reliability Branch (ESRB) implements and enforces General Order (GO) 167-C. Staff performs comprehensive audit, outage inspection, and incident investigation of electric generation and energy storage facilities in an effort to . The American Clean Power Association on June 27, 2024, released a model ordinance framework that cities and others can use to develop regulations for permitting, siting, safety, environmental compliance and decommissioning of energy storage systems. Getty Images This audio is auto-generated. Please . Pacific Northwest National Laboratory is the U. Department of Energy's premier chemistry, environmental sciences, and data analytics national laboratory-managed and operated by Battelle since 1965, under Contract DE-AC05-76RL01830, for the DOE Office of Science. Sandia National Laboratories is a . Sandia National Laboratories is a multimission laboratory managed and operated by National Technology & Engineering Solutions of Sandia, LLC, a wholly owned subsidiary of Honeywell International Inc. Example: If the maximum capacity of 280 kWh were installed, it would require the use of at least 14 individual ESS units rated at a maximum of 20 kWh each. ACP is committed to meeting America's national security, economic and climate .

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Energy Storage Systems (ESS) and Solar Safety

NFPA is keeping pace with the surge in energy storage and solar technology by undertaking initiatives including training, standards development, and research so that various stakeholders can safely

Utility-Scale Battery Energy Storage Systems

This safety standard, developed by firefighters, fire protection professionals, and safety experts, provides comprehensive requirements and guidance on the design, installation, and operation of energy



Energy Storage System Regulatory Compliance

Explore regulatory compliance for energy storage systems in renewable energy power generation with expert insights.

SFFD Requirements:

Per 2022 CFC, Section 105.6.5, a construction permit is required to install energy storage systems (ESS) regulated by Section 1207. For R-3 occupancies, a construction permit is required for ESS at





Generation and Energy Storage Section

Resolution ESRB-13, adopted March 13, 2025, establishes GO 167-C to expand maintenance and operation standards to energy storage systems and updates safety and emergency planning

NFPA 855 Guide: Complying with Fire Code for Batteries

Learn how to comply with NFPA 855 battery fire code requirements for energy storage systems. Key rules, spacing, UL 9540A testing, and documentation steps.



[Clean energy group releases safety-focused model ordinance for](#)

States and municipalities can use a model ordinance framework published by the American Clean Power Association to develop regulations for permitting, siting, safety, environmental

Energy Storage Safety Codes, Standards, & Regulations (CSRs)

Section 1207 - Electrical Energy Storage Systems (ESS) Continued language alignment with NFPA 855 - Scope section of 1207 reads, "Material based on NFPA 855 2023 Ed."



DEPARTMENT OF ENERGY Notice of Availability: Draft Energy

SUPPLEMENTARY INFORMATION: Background In January 2020, DOE launched the Energy Storage Grand Challenge (ESGC) to facilitate a commercial

ican global leadership in storage. The ESGC

Energy Storage System Guide for Compliance with Safety Codes

Guidance for documenting or verifying compliance with current CSR is also provided to facilitate the review and approval of ESS installations. Appendices are provided that augment the core materials



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