



## A-Core Container

# Distributed Energy Storage Equipment Security



## Overview

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Energy storage systems (ESSs) are becoming an essential part of the power grid of the future, making them a potential target for physical and cyberattacks. Large-scale ESSs must include physical security technologies to protect them from adversarial actions that could damage or disable them.

This brief paper provides industry with information regarding activities underway to further secure the electricity ecosystem under rapid grid transformation, specifically in the area of cyber security efforts for distributed energy resources (DERs) and DER aggregators. NERC is working with.

Energy storage and other new distributed energy resources could be particularly vulnerable to cyberattack, according to a panel hosted by the Clean Energy States Alliance. Regulators and utilities should assess their cybersecurity risks and put protocols into place to address threats within them.

This fact sheet addresses cybersecurity for distributed energy resources (DERs) and identifies best practices in cybersecurity governance, technical management of cyber-physical systems, and physical security. DERs include wind, solar, battery storage, and other small-scale power devices connected.

Energy storage has a pivotal role in delivering reliable and affordable power to New Yorkers as we increasingly switch to renewable energy sources and electrify our buildings and transportation systems. Integrating storage in the electric grid, especially in areas with high energy demand, will.

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