

## Kongres Container

# Agent Energy Storage Battery



## Overview

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What is a battery agent & a load agent?

These key agents are the Battery Agent, Hydrogen Storage Agent, EVB Agent, Renewable Energy Agent, and Load Agent. The Battery Agent takes charge of charging and discharging batteries. The agent maximizes the utilization to enhance the battery's lifespan along with minimizing operational cost.

What is a battery energy storage system?

Battery energy storage systems (BESS) stabilize the electrical grid, ensuring a steady flow of power to homes and businesses regardless of fluctuations from varied energy sources or other disruptions. However, fires at some BESS installations have caused concern in communities considering BESS as a method to support their grids.

What is the battery energy storage system guidebook?

The Battery Energy Storage System Guidebook (Guidebook) helps local government officials, and Authorities Having Jurisdiction (AHJs), understand and develop a battery energy storage system permitting and inspection processes to ensure efficiency, transparency, and safety in their local communities.

What is a battery agent?

The Battery Agent takes charge of charging and discharging batteries. The agent maximizes the utilization to enhance the battery's lifespan along with minimizing operational cost. It also conveys real-time SOC and efficiency levels to the MAC for making informed decisions.

Are battery energy storage systems safe?

When combined with all applicable provisions of the codes, regulations, and industry standards as referenced in the New York State Uniform Fire Prevention and Building Code, these resources create an all-encompassing

process to safely permit all types of battery energy storage systems.

What is energy storage system?

**ENERGY STORAGE SYSTEM.** One or more devices, assembled together, capable of storing energy in order to supply electrical energy at a future time, not to include a stand-alone 12- volt car battery or an electric motor vehicle.

4.2 2020 Existing Building Code of New York State Section 306 (Energy Storage Systems) SECTION 306 ENERGY STORAGE SYSTEMS

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### Contact Us

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