

## Kongres Container

# Mobile energy storage equipment donation



## Overview

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What are the development directions for mobile energy storage technologies?

Development directions in mobile energy storage technologies are envisioned. Carbon neutrality calls for renewable energies, and the efficient use of renewable energies requires energy storage mediums that enable the storage of excess energy and reuse after spatiotemporal reallocation.

Can energy storage solutions deliver more reliable electricity to New York communities?

NYSERDA President and CEO Doreen M. Harris said, “The possibilities created by innovative energy storage solutions can safely deliver more reliable electricity to New York communities as part of building an affordable and resilient zero-emission future.

Can EVs be used for mobile storage?

Depending on the specific situation, this use of EVs for mobile storage can conserve the amount of energy that a site uses from the grid or aid in reaching carbon emission targets by maximizing the consumption of local and sustainable power generation.

Why is mobile energy storage a stranded asset?

Stationary storage lacks flexibility, suffers from low utilization and from the risk of becoming a stranded asset. Power Edison addressed these issues by developing mobile energy storage platforms: TerraCharge™ and AquaCharge™ for mobile land-based and water-based mobile energy storage respectively.

What services does power Edison offer?

Power Edison’s comprehensive offerings include regulatory policy support, grid analytics, customized engineering designs, project finance and operations and maintenance. Power Edison is an entrepreneurial company based in the

greater New York area with experience in technologies, financing, and business models for mobile energy storage systems.

What are the different types of mobile energy storage technologies?

Demand and types of mobile energy storage technologies (A) Global primary energy consumption including traditional biomass, coal, oil, gas, nuclear, hydropower, wind, solar, biofuels, and other renewables in 2021 (data from Our World in Data 2). (B) Monthly duration of average wind and solar energy in the U.K. from 2018 to 2020.

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