

# Container Energy Storage Power Station Decommissioning Process



## Overview

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This report examines three fossil-fuel power plant decommissioning strategies to assess the role of energy storage in enabling an equitable clean energy transition. Managing and disposing of systems at the end of their life is essential. However, at the end of their life cycle, these batteries are classified as hazardous waste, posing significant challenges. Compass Energy Storage, LLC (Applicant) proposes to construct, operate, and decommission the Compass Energy Storage Project (Project), a battery energy storage system (BESS) facility. Source: Energy Storage - 2024: A Year in Review. Preferred chemistries are similar, but sheer difference in capacity requires a unique approach to decommissioning. The stakeholder who builds the BESS (e.

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### Appendix 2C\_Decommissioning Plan

This Decommissioning Plan describes the approach for removal and/or proper abandonment of facilities and equipment associated with the Project, and describes anticipated land

### Distribution Operations and Planning (P200)

Contractually allowable degradation may be based on delivered energy and terms could differ from project to project. Different strategies are used to maintain an allowable energy capacity



### POWERING DOWN RESPONSIBLY: Battery Energy Storage

regulations require a government bond for the decommissioning of solar panel systems. While there are no federal requirements yet for obtaining a bond specifically for BESS decommissioning, such

### Energy Storage and Power Plant Decommissioning

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Our energy storage specialists understand the unique technical, safety, and regulatory challenges of ESS decommissioning. From small residential batteries to utility-scale installations, we have the

## [Battery energy storage system decommissioning and end-of-life](#)

With a disposition plan in place, and leveraging practical knowledge and experience, Brian Davenport, vice president, energy at Industrial Process Design and Steve Feinberg, president



## **Battery Energy Storage Systems DECOMMISSIONING LIFECYCLE**

Begin to decommission. Contact your preferred firm for construction management services on decommissioning site and assistance with salvage processing. Hanna Wolf, EIT Renewable Design

## **END-OF-LIFE CONSIDERATIONS FOR STATIONARY ENERGY**

Currently, a decommissioning plan is generally required as part of the permit application for a new BESS project. The stakeholder who builds the BESS (e.g., a BESS developer, a utility company, a



## **Battery Energy Storage System (BESS) Decommissioning**

The permitting process to build a BESS facility

often requires a formal plan for site decommissioning and disposal, even if this won't happen for many years. When a BESS does reach

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