

Decommissioning Plan

Battery Energy Storage System (BESS) Project

Guilford High School – Guilford, CT

At the conclusion of the Project's operational life, including any extensions, all Project equipment—such as the battery enclosures—will be removed, and the Site will be restored to its pre-installation condition (or as otherwise directed by the Facility owner). This process will involve removing battery modules, switchgear, inverters, transformers, cabling, concrete foundations, fencing, ethernet, and any other installed infrastructure, followed by installing pavement and sod where necessary. Additional landscaping, such as shrubs, trees, or other plantings, may be added at the Facility owner's request.

The rapid growth of grid-scale battery energy storage has created new opportunities for recycling and repurposing these systems. This includes off-site disassembly of battery components and recovery of valuable raw materials (such as lithium, copper, nickel, and cobalt). This trend has driven the emergence of specialized companies focused on recycling and reuse of systems like those deployed in this Project.

Innovative recycling methods are under active development, including advanced cathode re-lithiation techniques, binder recovery, and black mass purification. New thermal processes are also being explored to detect and mitigate contaminants generated during recycling.

Scale Microgrids is committed to utilizing the most advanced recycling and repurposing technologies available at the end of the equipment's life, ensuring that materials are reused whenever possible.