



Site Decommissioning Plan: 4.9MW/9.8MWh Energy Storage System – Wesleyan University, Middletown, Connecticut

Prepared by
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1. Introduction

The decommissioning of the Wesleyan University Battery Energy Storage System (BESS) Project (Project) includes the removal of all components associated with the Project and the restoration of the Project site to as close to its original condition as possible. This plan provides detail on that process, with supporting time frames or milestones, after operations have ceased.

2. Project description

Endurant Energy (Endurant) has proposed the development of a 4.9-megawatt (MW) BESS for Wesleyan University at their site located at 65 Vine St, Middletown, Connecticut (host property). The property is zoned as ID, Institutional Development, which is a zone composed of parcels of land with a variety of uses (from athletics to academics) specifically held by institutions such as Wesleyan University. The Project spans a parcel boundary. The batteries themselves will be on Parcel ID 316, Map 23/Lot 0135, which is a parking lot for the John Wood Memorial Tennis Facility. The switchgear, invertors and transformers will be on Parcel ID 331 Map 23 Lot 0134, which is the Tennis Facility itself. The Project Site is bordered to the north by the Facility. Vine Street is to the east, and Knowles Ave is at the southern end of the parking lot. To the west is Indian Hill Cemetery.

This 'behind the meter' project will comprise containerized lithium-ion battery modules alongside the switchgears, inverters and transformers required to enable an electrical interconnection to the local electricity distribution network (grid). Please note that the inverters and transformers will be manufactured by EPC, however the battery make and model will be finalized when the commercial arrangements are agreed. The BESS containers will be installed upon concrete pads and the batteries will be enclosed by 8 feet high palisade fencing, enclosing an area of approximately 5,000 square feet. Underground conduit will connect the Batteries to the switchgear and equipment, and then connect the equipment to the University electrical room.

The commercial life of the facility is expected to be 10 years. At the end of commercial life, or upon termination of the Power Purchase Agreement, Endurant will cease operations and decommission the facility including necessary demolition and site reclamation. To the greatest degree possible, decommissioning will attempt to maximize the recycling of all BESS components.

3. Site condition pre-Storage System

The proposed location for the batteries is on an existing level parking area. The electrical equipment will be sited on the site of defunct switchgear owned by the University, which Endurant will demolish and remove.

4. Decommissioning expectations

Endurant expects to meet the same exacting standards during deconstruction as it will during construction of the BESS. This will include, but may not be limited to:

- Environmentally appropriate methods of deconstruction will be applied including the recycling of as much equipment as can be done within a reasonable timeframe
- Excellent standards of Health and Safety adhered to; and



- All laws and regulations will be followed, local, state and federal.

5. Decommissioning Preparation

Pre-closure activities and reclamation planning includes:

- Set up and document a Site-specific health and safety plan and determine the specific sequence and procedures to be followed.
- Complete an analysis of the project materials and their composition to identify those specific components that can be recycled. For items that can't be recycled, determine what the most appropriate method of disposal will be.
- Identify specific recycling facilities and disposal sites for materials.
- Coordinate with local officials to develop plans for the transportation of materials and equipment to and from the site.
- Secure any municipal demolition or electrical permits necessary.
- Develop specifications for demolition and reclamation.
- Develop training for the personnel who will manage and perform the actual work, and document appropriately.
- A full assessment of the local zoning requirements, permitting needs and applicable environmental regulations, to ensure the compliance of the final plans.

6. Disassembly and Demolition

Site decommissioning and equipment removal is expected to take up to 6 weeks. Fencing, some electrical power, and other facilities may temporarily remain in place for use by the decommissioning workers as needed before they too are removed.

A plan for de-energizing portions of the facility to allow safe decommissioning and formal lock-out and tag-out procedures will be implemented. This will ensure all electrical components are placed and maintained in a safe condition for demolition activities prior to start of decommissioning work.

The decommissioning will begin with the de-energization of the Project by qualified electricians. Next, any hazardous or regulated materials shall be removed. If oil transformers are utilized for the final design (and not dry transformers, as is planned), the oil will be managed appropriately. Various components will be removed from the site, including batteries, steel foundation tie-ins, concrete pads, inverters and transformers. These activities will take place in approximately the inverse order to which they were installed.

Excavation of the trenched conduit will be discussed with the Host Property but given Endurant is using extant conduit, we anticipate that it will remain. This also applies to the removal of foundations, piping, and utilities, given the project site formerly held a fuel cell, and concrete pads already exist. Should Welseyan University prefer less disruption, the option to leave the infrastructure at or below ground level in situ will be given ('abandon in place').

A mobile crane will be used to transfer the battery containers onto flatbed trucks for removal. Crane use will be coordinated with the host Property Owner, the Town of Middletown, and other interested parties, such as aviation facilities, as is described in the Petition.

Demolition debris will be placed in temporary on-site storage area(s) pending final transportation and disposal and/or recycling according to the procedures listed below.



Stockpiled on-site waste will be transported off site for recycling or waste. It is important to Endurant Energy that components will be recycled as part of decommissioning.

All aspects of the decommissioning process will be in compliance with all applicable federal, state and local laws.

7. Site Restoration

The Site will be returned to a paved state.

8. Project Quality Control and Documentation

During the entire decommissioning process, from planning to site monitoring, the project will be subject to quality control and documentation. Endurant will ensure the effective execution of the decommissioning plan through project oversight and quality assurance. Additionally, the decommissioning process will be documented and progress reported to Welseyean University.