



Site Decommissioning Plan: 18MW/36MWh Energy Storage System – Praxair, Suffield

Prepared by
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1. Introduction

The decommissioning of the Praxair Battery Energy Storage System (BESS) 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 is to provide 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 an 18-megawatt (MW) BESS for Linde at their Praxair site, 1 U Car St, Suffield, Connecticut (host property). The site zoning is I Industrial, with the surrounding areas of the town including PDIP (Planned Development, Industrial Park) adjacent to the north and east, then further beyond that R-25 Residential.

This 'behind the meter' project will comprise containerized lithium-ion battery modules alongside the switchgears, inverters and transformers required to enable a 13.2kV 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 entire BESS will be enclosed by 8 feet high chain link fencing, enclosing an area of up to 16,000 square feet. Underground conduit will connect the BESS to the grid.

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 BESS site area is at the entrance to the host property's main gas processing facility, at the western end of the parcel, on a flat parking lot with a small grassy bank border running around the south and eastern edges. It is otherwise existing impervious paved surface.

4. Decommissioning expectations

Endurant expects to meet the same exacting standards during deconstruction and 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 12 weeks. Access roads, 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 start of work.

The decommissioning will begin with the de-energization of the Project by qualified electricians. Next, any hazardous or regulated materials shall be removed (in this case, this is minimal – the oil from the transformers being the only component to highlight). 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 conduit trenched to the connection point to the south-east will be discussed with the Host Property, but we anticipate it will be required for the removal of foundations, piping, and utilities. Should Praxair prefer less disruption, the option to leave the trenched conduit in situ will be given ('abandon in place').

A mobile crane will be used to move the battery containers onto flatbed trucks for removal. Crane use will be coordinated with the host Property Owner, the Town of Suffield, and other interested parties, such as the Connecticut Southern Railroad operator and their parent company Genessee and Wyoming Railway as well 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 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

If the conduit is required to be removed, the disturbed area will be revegetated: any compacted areas that will inhibit the growth of new vegetation will be aerated to encourage new vegetative cover. The site will be assessed then aeration, de-compaction, disking and seeding processes will be used as needed to encourage full vegetative coverage.

The site itself is currently impervious asphalt: Endurant will discuss with Praxair whether they would prefer a like-with-like replacement, or a more porous hard-core to be used.

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 the Property Owners.