



Lexington Avenue Solar Project Decommissioning Plan

June 2020
Cortlandt CSG LLC



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Introduction

Cortlandt CSG LLC proposes to construct and operate a ground mounted fixed tilt photovoltaic (PV) community solar system, approximately 2.1MWac in capacity. The Lexington Avenue Solar Project (Project) is proposed to be located on a privately-owned parcel, located in the Town of Cortlandt, New York.

Ground-mounted solar facilities are designed, engineered and constructed to operate for at least 20 years and can operate up to 30 years or more. During construction, portions of the site may be compacted, excavated and graded for optimal installation and operation. This decommissioning plan outlines the steps that will be taken to remove the solar system and its associated appurtenances from the project site and return the parcel to conditions similar to pre-installation.

This Decommissioning Plan will be updated as necessary in the future to ensure that changes in technology and site restoration methods are taken into consideration.

System Decommissioning

Cortlandt CSG LLC is responsible for decommissioning activities, as outlined in the conditions of permit approval by the local and state regulatory agencies. Decommissioning and restoration activities will align with current regulations at time of decommissioning, and conducted in accordance to applicable federal, state, and local regulation. At the end of its operational life, the entire system will be disconnected from the grid, disassembled and removed, and all materials will either be recycled or disposed of appropriately. Any necessary permits will be obtained from the Township prior to decommissioning activity.

Equipment and Material Removal

Cortlandt CSG LLC will remove all above-ground equipment (solar module panels, brackets, support structures, inverters, transformers, concrete pads for equipment) and underground equipment (buried electrical wiring and conduits, concrete foundations), structures, fencing, and access roads. All equipment and materials will be evaluated to determine the appropriate facility for salvage, recycling, or disposal.

PV Modules

The PV modules will be disconnected from the inverters and removed from the steel racking system. The PV modules are made of silicon, glass, and aluminum and are not considered hazardous waste. PV modules will be recycled or resold on the market if determined to still be usable.

Associated Electrical Appurtenances

All associated electrical appurtenances (i.e. inverters, switchboards, transformers, meters) will be removed from their respective concrete pads or steel frames and disposed of at an approved facility.



Electric Wiring

All electric conductors made of copper and aluminum can be recycled. Above ground DC wires will be removed between the modules and inverters. Underground AC conductors will be pulled and removed. Above ground AC conductors back to the utility point of interconnection will be removed from the poles by the utility.

Racking Equipment and Fencing

Metal fencing and racking equipment will be removed and recycled at an appropriate facility. All driven posts will be removed.

Concrete Pad

Concrete pads will be excavated to a depth of two feet below grade, or the depth to require all rebar and foundation bolts. Clean concrete will be crushed and re-used either on or off site. The remaining excavation will be filled with clean material, of similar character to surrounding soils. The soils will be stabilized and reseeded.

Access Road

If allowable by the Town, the access road will remain in place of future use on the site. If required to be removed, gravel roads will be stripped of stone and any geotextile or underlying materials. Clean stone will be reused if possible, or otherwise disposed of at a proper facility, along with geotextile materials. Any asphalt roads will be broken up and similarly disposed of. If the underlying soils are compacted, these will be loosened, stabilized, and reseeded.

Disposal and Recycling of Materials

All hazardous wastes will be disposed of in accordance with laws in effect at the time decommissioning is performed. Any solid waste generated during system dismantling or demolition will be disposed of as necessary to comply with the solid waste regulations then in place.

Site Restoration

The site will be restored to a state consistent with its preconstruction condition. Any necessary construction stormwater permits will be obtained prior to decommissioning, and erosion and sediment control best management practices will be installed on site, as needed. After equipment is removed from site, soils will be de-compacted, and excavations will be filled with materials similar to soils on site. Any disturbed areas will be reseeded and erosion and sediment control BMPs will remain in place until the site is stabilized.

Stakeholder Notification and Construction

Decommissioning activities will require the use of equipment and vehicles similar to construction activity. As necessary, interested stakeholders, such as adjacent landowners, will be notified prior to the start of work on site.



As noise may be temporarily elevated by construction equipment and vehicles during decommissioning, activities will only be conducted during accepted Town work hours. The site will be kept orderly and clean of refuse.

Decommissioning activity is anticipated to be completed within 120 days.

Decommissioning Bond and Abandonment

A decommissioning bond will be provided to the Town of Cortlandt to cover removal of the installation and restoration of the site. The bond will be valued at 125% the cost of removal of the Tier 3 solar system, reduced by the system's salvage value, and based on costs provided by the Engineering, Procurement, and Construction Contractor that is installing the system. The bond will be placed in service in year 20 of the system life and will remain for the life of the system.

In the event the system is abandoned and/or not producing electricity for a period of one year, the Town may use this decommissioning bond for removal of the system.