

Burlington Solar One, LLC
Development and Management Plan

[SUBTITLE]

[Author]
[COMPANY] [ADDRESS]

1.0 Introduction

Burlington Solar One LLC is submitting this Development and Management Plan for its solar project located at 33 Prospect Street in Burlington, Connecticut. The Siting Council approved the project in Docket 497, issuing its Decision and Order for the project on July 15, 2021. This Development and Management (“D&M”) Plan has been completed in satisfaction of requirement 2 of the Council’s Decision and Order and will provide the Council with greater detail regarding the project and its operations.

2.0 Need for and Elements of the D&M Plan

In its July 15, 2021 Decision and Order in this Petition, the Siting Council required that Burlington Solar One provide the Council with a Development and Management (D&M) Plan for the facility Burlington Solar One proposes to construct. The D&M Plan is designed to give the Council a better understanding of the final construction plans for the proposed project, including final layout, and information regarding various submittals and correspondence with the Connecticut Department of Energy and Environmental Protection (DEEP) related to the Project. Specifically, the July 15, 2021 Decision and Order requires the following elements for the D&M Plan:

- a) A final site plan including, but not limited to, final facility layout, access road, electrical interconnection including riser pole locations, equipment pads, fence design, equipment pads, and stormwater management control structures;
- b) Erosion and sedimentation control plan consistent with the 2002 Connecticut Guidelines for Erosion and Sedimentation Control including, but not limited to, temporary sediment basin details, site stabilization seeding/growing season details prior to the installation of post driving/racking system, site stabilization measures during construction, inspection and reporting protocols, methods for periodic cleaning of temporary sediment traps and swales during construction, and final cleaning of stormwater basins upon site stabilization;
- c) Site construction detail/phasing plan including, but not limited to, construction laydown area, site clearing/grubbing, site grading, excess earth material disposal locations, site stabilization seeding/growing season details, soil stockpile locations, and an amended Petroleum Materials Storage and Spill Prevention Plan that is protective of groundwater resources including the response to a leak and/or spill of the transformer insulating fluid and relevant contact information and phone numbers;
- d) Final Landscaping Plan including, but not limited to, landscape plantings, berms, pollinator plantings, and final seed mix;
- e) Final eastern box turtle and eastern hognose snake protection plan;
- f) Final structural design for solar module racking system stamped by a Professional Engineer duly licensed in the State of Connecticut; and

g) Project construction hours/days of the week.

Each of these elements of the D&M Plan is addressed in turn.

3. Elements of the D&M Plan

(a) Final site plan

The Final Site Plans including final facility layout, access roads, electrical interconnection including riser pole locations, fence design, equipment pads, and stormwater management control structures are included here in Exhibit A. These final site plans are based on the revised project layout.

(b) Erosion and sedimentation control plan

Burlington Solar One has developed the Erosion and sedimentation control plan consistent with the 2002 Connecticut Guidelines for Erosion and Sedimentation Control. This plan includes temporary sediment basin details, seeding details, and inspection and maintenance requirements. These items can be found on Erosion and Sedimentation Control Plan – Phase 1, 2, and 3 Sheets 4,5, & 6 of 15, Site Details Sheet 12 of 15, and Sedimentation & Erosion Control Details Sheet 13 of 15 of the attached Exhibit A (final site plans).

(c) Site construction detail & phasing plan

Burlington Solar One has developed the site construction detail and phasing plan. These items can be found on Erosion and Sedimentation Control Plan – Phase 1, 2, and 3 Sheets 4,5, & 6 of 15, Site Details Sheet 12 of 15, and Sedimentation & Erosion Control Details Sheet 13 of 15 of the attached Exhibit A (final site plans). The Fuel Storage & Spill Prevention Plan can be found attached hereto as Exhibit B.

(d) Landscaping plan

Burlington Solar One has developed the Landscaping Plan including plantings and seed mixes. These items can be found on Landscaping Plan Sheets 11 of 15, Site Details Sheet 12 of 15, and Sedimentation & Erosion Control Details Sheet 13 of 15 of the attached Exhibit A (final site plans).

(e) Eastern Box Turtle and Hognose Snake Protection Plan

Burlington Solar One has developed a Eastern Box Turtle and Hognose Snake Protection Plan. This pre-construction phase of the plan has been implemented on site by the landowner in connection with the landowner's gravel operations and will continue through the start and completion of construction. The protection plan can be found attached hereto as Exhibit C.

(f) Structural design for racking system

Burlington Solar One has developed the structural drawings for the racking system. including plantings and seed mixes. The structural drawings can be found attached hereto as Exhibit D.

(g) Project construction hours/days

Burlington Solar One construction hours for the project are Monday through Saturday from 7:00 a.m. to 4:00 p.m. Should hours be required on Sunday, a request will be made to the Council, and those hours will be from 9:00 a.m. to 4:00 p.m.