

**PETITION NO. 1312 -** }  
Candlewood Solar LLC }  
declaratory ruling that no }  
Certificate of Environmental }  
Compatibility and Public Need is }  
required for the proposed }  
construction, maintenance and }  
operation of a 20 megawatt AC }  
(26.5 megawatt DC) solar }  
photovoltaic electric generating }  
facility located on a 163 acre }  
parcel at 197 Candlewood }  
Mountain Road and associated }  
electrical interconnection to }  
Eversource Energy's Rocky River }  
Substation on Kent Road in New }  
Milford, Connecticut.

Connecticut  
Siting  
Council

March 4, 2019

**CANDLEWOOD SOLAR LLC RESPONSES TO  
CONNECTICUT SITING COUNCIL  
DEVELOPMENT AND MANAGEMENT PLAN INTERROGATORIES**

On February 19, 2019 the Connecticut Siting Council (the "Council") issued Interrogatories to Candlewood Solar, LLC on the Development and Management Plan ("D&M Plan") filed in accordance with Condition 1 of the Decision and Order (D&O) for Petition No. 1312. The following are Candlewood Solar, LLC's revised responses to the Council's questions included in Interrogatory Set 1 dated February 19, 2019:

**Question 1 a-d -**

Referencing Section 2.9 of Candlewood Solar, LLC's (Candlewood) Development and Management Plan (D&M Plan), please respond to the following:

- a) Approximately how many aviation obstruction lights would be installed?

**Response 1a** – There will be approximately 14 fixtures along the northern portion of the array spaced no more than 150' apart.

- b) How would the lights be supplied with power? For example, would electric distribution power (not dependent on the operation of the solar facility) be available at the nearest equipment pad and underground conduits would be run to the lights? Explain.

**Response 1b** – Power for the lights will be via 120Vac or 24Vdc, to be determined during final design. This power will be delivered via the closest transformer pad and will be available 24/7 via the utility connection to the transformer. All wiring will be underground from the pad to the fixtures.

- c) Would the proposed lighting comply with the FAA Advisory Circular 70/7460-1 L Change 1 as noted in the No Hazard Determination Letters from FAA (No Hazard Determinations) or as applicable?

**Response 1c** – The FAA issued two general types of Determination of No Hazard (DNH) letters for this project. For most of the points including all of the new utility poles, the DNH letters took the form of a “Does Not Exceed” (DNE) letter, meaning that the points do not exceed obstruction standards and would not be a hazard to air navigation. For these points, no lighting is required per the DNE letters. For the 3 points along the northern end of the array, the DNH letters also stated that there would be no hazard to air navigation provided lighting was installed per FAA Advisory circular 70/7460-1 L Change 1. The proposed lighting approach meets the requirements of the circular.

- d) The No Hazard Determinations have varying expiration dates from January 17, 2019 through February 28, 2019. Would Candlewood need to apply for extended or revised No Hazard Determinations from FAA? If yes, has Candlewood sought extension(s) or updated/revised No Hazard Determinations, as applicable? Provide such updated/revised No Hazard Determinations or approved extension(s), if available/applicable.

**Response 1d** – Extensions have been received for most points and approvals now expire 07/29/20. The three northern points do not expire until 10/12/19 and extensions will be requested as that data approaches. Representative extension letter attached.

**Question 2 -**

Referencing Section 2.3 of the D&M Plan, would construction generally be Monday through Saturday?

**Response 2** – Construction would generally occur Monday through Friday. Should the schedule require it, additional work may be performed on Saturdays.

**Question 3-**

How many interconnection line poles would be installed, and approximately how tall (above grade) would the interconnection poles be? (A range of heights may be provided if the heights vary.) Would the poles be made of wood? Would the interconnection line consist of two, three-phase overhead feeders?

**Response 3** – Ameresco is working on the final design to finalize the pole height and placement. There is expected to be approximately 37 pole locations consisting of 18 single pole locations and 19 double pole locations. All of the poles will be wood and the height of poles will vary with terrain, but the expected heights above grade are between 38’8” and 61’2”. The majority of the poles will be less than 50’ above grade. The interconnection line will consist of two 10 MVA circuits.

**Question 4 -**

Referencing Drawing C-114, would the interconnection line (at this time) end right before Kent Road (i.e. south of Kent Road)? Would the crossing of Kent Road and interconnection to the Rocky River Substation be filed as a second phase of the D&M Plan by Candlewood, or would it be filed by Eversource in the future as a Petition?

**Response 4-** Ameresco is working with First Light to finalize the interconnection line. Note that the interconnection routing near the array was changed due to a property ownership issue discovered during the boundary and ALTA survey. The updated total area of the interconnection is 12.43 acres and the area of tree removal within the interconnection is 9.34 acres. Ameresco will coordinate with Eversource on the Kent Road crossing. At this time, our assumption is that Eversource would file this as a Petition since they will own the final interconnection to the Rocky River Substation.

