



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@ct.gov

www.ct.gov/csc

VIA ELECTRONIC MAIL

February 26, 2019

Bruce L. McDermott, Esq.
Murtha Cullina LLP
265 Church Street
New Haven, CT 06510

RE: **PETITION NO. 1354** – Chatfield Solar Fund, LLC, petition for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed construction, maintenance and operation of a 1.98-megawatt AC solar photovoltaic electric generating facility on approximately 25 acres located generally south of Route 80 (North Branford Road) and east of Chestnut Hill Road in Killingworth, Connecticut, and associated electrical interconnection to Eversource Energy's Green Hill Substation located at 775 Green Hill Road, Madison, Connecticut.

Dear Attorney McDermott:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than March 19, 2019. To help expedite the Council's review, please file individual responses as soon as they are available.

Please forward an original and 15 copies to this office, as well as a copy via electronic mail. In accordance with the State Solid Waste Management Plan, the Council is requesting that all filings be submitted on recyclable paper, primarily regular weight white office paper. Please avoid using heavy stock paper, colored paper, and metal or plastic binders and separators. Fewer copies of bulk material may be provided as appropriate.

Any request for an extension of time to submit responses to interrogatories shall be submitted to the Council in writing pursuant to §16-50j-22a of the Regulations of Connecticut State Agencies.

Sincerely,

Melanie A. Bachman
Executive Director

c: Council Members
Charles Geppi, Chatfield Solar Fund, LLC
Parties and Intervenors



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Petition No. 1354

Interrogatories - Set Three

February 26, 2019

111. What is the total amount of tree clearing required to develop the site? Different values were provided in Petitioner Exhibit 6.
112. Submit revised detailed site plans (Exhibit 6, #102) that contain accurate information regarding the number of panels, clearing limits, wetland and vernal pool buffers, site landscaping/vegetative screening, and detailed construction sequence details per construction Phase. At the February 21, 2019 evidentiary hearing, the Petitioner's witness panel stated that the northern row of the South East Solar Field could be moved out of Wetland 1A. Please include this revision on the Site Plan.
113. Petitioner Exhibit 6, response #99(a) states 2.1 acres of the site would require grubbing. Would the development of the 20-foot wide solar field perimeter access paths described in response #94 also require grubbing? If so, revise the total amount of grubbing and depict grubbing limits on the site plans (#112 above).
114. Petitioner Exhibit 6, response #105, and Petitioner Exhibit 4 provide different values for vernal pool buffers. Please clarify.
115. Referring to Petitioner Exhibit 2, response #55 (f), revise the vernal pool impact table to account for changes in the Project design.
116. Petitioner Exhibit 6, response #101 shows the limits of Project tree clearing as occurring up to the edge of several wetland areas.
 - a) What is the total length (linear feet) of Project tree clearing that would occur up to the edge of a wetland?
 - b) For tree clearing that occurs within wetlands, provide the total amount of tree clearing within each wetland (in sq. ft.).
117. Provide a cross-section diagram of the post-construction infiltration trenches/sediment traps, including outlet detail. What design standard and associated calculations were used to appropriately design these features? Describe procedures for trench maintenance to ensure the designed stormwater infiltration rate is maintained for the life of the project.
118. What thermal effects to wetlands and surface waters could occur from rainwater running off of the solar panels and from stormwater that would not be captured within the post-construction infiltration trenches/sediment traps?
119. Referring to the Petition Environmental Assessment, provide the following:
 - a) Section 2.10- what is the effective date of the referenced FEMA Map?
 - b) Section 2.7.1-under State of CT definition, are there surface waters on the proposed site? If so, provide their location.
 - c) Section 3.12- revise the carbon debt analysis to account for changes to the amount of site tree clearing.
120. Petitioner Exhibit 8 included two diagrams showing video locations. Please revise to include property and wetland boundaries.

121. Referring to Petitioner Exhibit 2, response #20, is an undisturbed 20-foot wide forested buffer being maintained along property lines? If not, provide more detail as the type and heights of vegetative screening that would be installed along property lines that would not have a 20-foot wide undisturbed wooded buffer.
122. Referring to Petitioner Exhibit 2, response #59, revise the diagram to account for changes in the Project design.
123. Is Route 80 west of the site a State-designated scenic road?
124. Please confirm whether this proposal is a LREC or ZREC Project. Explain how it qualifies for the utility-sponsored program.
125. To expand upon Petitioner Exhibit 6, response #100, what is the capacity (MW AC) of each of the 3 solar field areas? (i.e. South East Field= 0.45 MW AC)
126. Would the Project be viable if the South West Solar Field and/or South East Solar Field were eliminated?
127. If there was a fire at the site, what Project materials/components would be at risk of combusting?
128. As corrected at the February 21, 2019 evidentiary hearing, the site parcel is in a residential zoning district. Provide the type of development and minimum lot acreage per the zoning designation.
129. Referring to Petitioner Exhibit 6, response #99(b), have the two Projects listed been constructed? If so, when did they become operational?
130. How many linear feet of stones walls will be removed to develop the site?
131. How many acres of the site will be enclosed by the security fence?