



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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VIA ELECTRONIC MAIL

October 22, 2015

Philip M. Small, Esq.
Brown Rudnick LLP
185 Asylum Street
Hartford, CT 06103

RE: **PETITION NO. 1195** - SolarCity Corporation petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed construction and operation of a 4.05 Megawatt Community Shared Solar Photovoltaic Electric Generating facility located on municipally-owned property at 1240 Poquonnock Road, Groton, Connecticut.

Dear Attorney Small:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than November 5, 2015. 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.

Yours very truly,

Melanie A. Bachman
Acting Executive Director

MB/MP/lm

c: Elie Schecter, SolarCity Corporation
Council Members

Petition No. 1195
SolarCity Corporation
1240 Poquonnock Road, Groton
Interrogatories – Set 1

1. Has SolarCity Corporation (SolarCity) received a response from the Connecticut Department of Energy and Environmental Protection (DEEP) regarding the Natural Diversity Database? If yes, provide such correspondence. If no, provide the current status of such consultations.
2. What is the address and distance of the nearest residential structure to the solar project?
3. Would the proposed project adversely impact the musk turtle (i.e. stinkpot)? If so, how might these impacts be mitigated?
4. Would the proposed project only utilize existing access, or would any new or improved access be required to serve the proposed solar facility?
5. How close (in feet) would the project development occur to Vernal Pool #1 (located within Wetland 3)?
6. How would SolarCity handle potential snow accumulation on the panels and its effects of blocking the sunlight?
7. The solar panels are proposed to be facing the south and at a 20 degree angle from the horizontal. Did SolarCity choose this orientation and angle to maximize its capacity factor and total annual electrical energy production as opposed to creating peak load shaving during peak demand hours? Describe the angle chosen in context to reflection and to the two projects proposed in Norwich using a 25 degree angle.
8. Based on Sheet No. 10/10 – Typical Post Mounted Racking System Detail, the bottom edge of the solar panels would be at least 2 feet above grade. How high (in feet above grade) would the top edge (or highest point) on the solar panels be?
9. Is the 4.05 megawatt power output for the proposed solar project based on direct current (DC) or alternating current (AC)? If this power output is based on DC, then provide the AC power output.
10. Would the solar plant have a protection system to shut the plant down in the event of a fault in the feeder(s) that connect the solar plant to the local electrical distribution system?