



# 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](mailto:siting.council@ct.gov)

[www.ct.gov/csc](http://www.ct.gov/csc)

### VIA ELECTRONIC MAIL

June 21, 2019

Windham Solar LLC  
c/o Ecos Energy LLC  
ATTN: Steve Broyer  
222 South 9<sup>th</sup> Street  
Minneapolis, MN 55402

RE: **PETITION NO. 1220** - Windham Solar LLC declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the construction, maintenance and operation of three 2.0 Megawatt and one 1.0 Megawatt Solar Photovoltaic Electric Generating facilities located at 1219 and 1240 Voluntown Road, Griswold, Connecticut.

Dear Mr. Broyer:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than July 8, 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.

**Please be advised that the original and 15 copies are required to be submitted to the Council's office on or before the July 8, 2019 deadline.**

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

MB/MP

c: Council Members

**Petition No. 1220**  
**Windham Solar, LLC**  
**1219 and 1240 Voluntown Road**  
**Griswold, CT**  
**Interrogatories**

**Construction Specifications and Electrical Interconnection Questions**

1. Referencing Sheet 4 – Overall Site Plan of Windham Solar LLC’s (WS or Developer) Sitework Development and Management Plan (D&M Plan), WS plans to install the solar modules with a 15-degree tilt, reaching a maximum height of about 6-feet 5-inches above grade. However, Sheet No. SG301 – Rack Section & Bay Plan Views of D&M Plan indicates that WS would utilize a 25-degree angle, resulting in a maximum height of about 8-feet 8-inches above grade. Please provide the correct angle and maximum height (for both parcels). Provide revised/corrected drawings as necessary, consistent with the design considered by the Connecticut Department of Energy and Environmental Protection (DEEP) in its review and approval of the General Permit (GP).
2. Referencing Sheet 4 – Overall Site Plan of the D&M Plan, WS plans to have a 9-foot 3-inch spacing between the rows of solar panels (i.e. “aisle width”). However, Sheet SG003 – Site Plan of the D&M Plan indicates that the aisle width would be approximately 10-foot 11-inches, and Sheet 1 – Solar Module Effective Impervious Exhibit depicts an aisle width of approximately 7.7-feet. Please clarify the correct aisle width, and indicate if such aisle width would be uniform for both parcels or different. Provide revised/corrected drawings as necessary, consistent with the design considered by DEEP in its review and approval of the GP.
3. On August 31, 2018, the Council approved the partial D&M Plan for the tree and brush clearing (and rock construction entrance work) on the eastern parcel (i.e. 1240 Voluntown Road). However, Condition No. 3 notes that, “The final tree and brush clearing plans for 1219 Voluntown Road shall be submitted for Council review and approval in the future subsequent to the interconnection concerns being resolved and/or when mitigating plans such as battery storage/tracking panels are firm.” Please respond to the following:
  - a) Has WS confirmed that Eversource can accommodate the approximately 4 MW AC of solar capacity on 1219 Voluntown Road?
  - b) If no, what is the status of the interconnection study for the 4 MW AC and/or mitigating plans such as battery storage/tracking panels?
  - c) Indicate which of the four solar arrays (e.g. two on each property) that Eversource can accommodate at this time.
4. Page 2 of the D&M Plan notes that, “Electrical and Structural design racking for the initial 2.0 MW AC to be constructed at 1240 Voluntown Road is also underway...” Is WS only developing the 2.0 MW AC “Project 2” on the eastern portion of 1240 Voluntown Road at this time, or is also developing the 1 MW AC “Project 1” on the western portion of 1240 Voluntown Road?
5. Pages 2 and 3 of the D&M Plan notes that, “Electrical Design Documents are currently at a 90% level, and illustrate the project layout, stringing, and equipment. Final documents will be issued for electrical construction mid-June and the revisions will be minor.” What is the status of the final electrical design? If such design is complete, provide copies of the drawings.
6. Referencing Sheet 4 – Overall Site Plan of the D&M Plan and based on most current design, would all three electrical interconnections be entirely overhead, or would the “M/V” portion of the interconnection depicted in blue be underground and would convert to overhead near Voluntown Road?

7. Page 3 of the D&M Plan notes that, “Structural racking documents are currently at a 90% level and illustrate the project racking and structural embedment depth based on field testing.” If such design is complete, provide copies of the drawings stamped by a Professional Engineer duly licensed in the State of Connecticut.

#### **Environmental Questions**

8. Referencing Sheet 4 – Overall Site Plan of the D&M Plan, how tall would the proposed double-row arborvitae hedge plantings initially be? Estimate the center to center spacing of the plantings in feet.