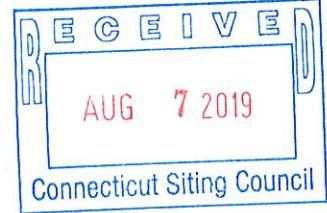


August 7, 2019

Ms. Melanie Bachman  
Executive Director  
Connecticut Siting Council  
Ten Franklin Square  
New Britain, CT 06051



Re: Petition No. Petition 1376 - Scitico Substation and Nutmeg Solar Interconnection

Dear Ms. Bachman:

This letter provides the response to requests for the information listed below.

Response to CSC-01 Interrogatories dated 07/24/2019  
CSC-001, 002, 003, 004, 005, 006, 007, 008, 009.

Very truly yours,

*Kathleen Shanley, Esq.*  
Kathleen Shanley  
Manager  
Transmission, Siting  
As Agent for CL&P  
dba EversourceEnergy

cc: Service List

CL&P dba Eversource Energy  
Petition No. Petition 1376

Data Request CSC-01  
Dated: 07/24/2019  
Q-CSC-001  
Page 1 of 1

Witness: No Witness  
Request from: Connecticut Siting Council

**Question:**

Page 11 of the Petition notes that, "The Project will result in approximately 3,050 square feet (0.07 acre) of temporary wetland effects, which are associated with the temporary use of construction mats for the 60-foot by 40-foot work pad for the structure removal of 7943A." According to the aerial site plan under Attachment A, the approximately 2,400 square feet work pad appears to be larger in area than the wetland. Explain how 3,050 square feet of temporary wetland impacts was determined. Would any permitting be required from the U.S. Army Corps of Engineers for the proposed temporary wetland impacts?

**Response:**

Page 11 of the Petition should state that there will be approximately 1,331 square feet (0.03 acre) of temporary wetland impact. The temporary wetland impact requires the submittal of a Self Verification Notification Form to the U.S. Army Corps of Engineers certifying compliance with the Connecticut General Permit.

CL&P dba Eversource Energy  
Petition No. Petition 1376

Data Request CSC-01  
Dated: 07/24/2019  
Q-CSC-002  
Page 1 of 1

Witness: No Witness  
Request from: Connecticut Siting Council

**Question:**

Referencing page 11 of the Petition, would the approximately 155 square feet of tree clearing in forested wetland areas be part of the total of 15,680 square feet noted on page 10?

**Response:**

Yes, the 155 square feet is included in the total.

CL&P dba Eversource Energy  
Petition No. Petition 1376

Data Request CSC-01  
Dated: 07/24/2019  
Q-CSC-003  
Page 1 of 1

Witness: No Witness  
Request from: Connecticut Siting Council

**Question:**

How would the existing Structure No. 7943A be removed? For example, would the wood pole be cut at the base and the remaining wood (and concrete if applicable) remain? Or would the pole be fully removed and the existing pole location filled in with soil? Explain.

**Response:**

The wood pole would be completely removed including the pole butt. The hole will be backfilled with either crushed stone or similar backfill. The anchors would not be reused for the new pole and would be cut at 1 foot below grade and the top portions removed. The remaining lower portions of the anchors would be covered with native fill.

CL&P dba Eversource Energy  
Petition No. Petition 1376

Data Request CSC-01  
Dated: 07/24/2019  
Q-CSC-004  
Page 1 of 1

Witness: No Witness  
Request from: Connecticut Siting Council

**Question:**

Referencing page 6 of the Petition, would the proposed terminal structure (reaching about 63 feet high at the top of the lightning mast) be the tallest proposed structure to be installed inside the fenced Scitico Substation? If no, identify the tallest proposed structure to be installed inside the substation and provide its height.

**Response:**

The proposed terminal structure would not be the tallest structure; the new terminal structure height would be the same as the existing tallest structure in the substation. The height of the existing tallest structure is approximately 63 feet from grade to the top of the lightning mast.

CL&P dba Eversource Energy  
Petition No. Petition 1376

Data Request CSC-01  
Dated: 07/24/2019  
Q-CSC-005  
Page 1 of 1

Witness: No Witness  
Request from: Connecticut Siting Council

**Question:**

Page 11 of the Petition notes that, "No watercourses...were identified within the Project area." Page 15 of the Petition notes that, "After construction, the work pads and the temporary matting in wetlands and for the stream crossing would be removed." Which stream crossing is this referring to?

**Response:**

Page 11 of the Petition is correct. No streams were identified within the Project area and no stream crossings are proposed.

CL&P dba Eversource Energy  
Petition No. Petition 1376

Data Request CSC-01  
Dated: 07/24/2019  
Q-CSC-006  
Page 1 of 1

Witness: No Witness  
Request from: Connecticut Siting Council

**Question:**

Would all vegetative clearing be limited to Eversource property, Eversource ROW and a portion of the property subject to a purchase option for Nutmeg Solar (to reach the Collector Substation)?

**Response:**

Yes.

CL&P dba Eversource Energy  
Petition No. Petition 1376

Data Request CSC-01  
Dated: 07/24/2019  
Q-CSC-007  
Page 1 of 1

Witness: No Witness  
Request from: Connecticut Siting Council

**Question:**

Would any of the proposed circuit breakers (or other proposed substation equipment) be oil-filled and require any secondary containment measures? If so, indicate if any secondary containment measures are proposed.

**Response:**

The circuit breakers installed will be gas filled and contain no oil. The three new Capacitor Coupled Voltage Transformers will contain 9.26 gallons of oil each and will not have secondary oil containment. These transformers are below the federal requirement to install secondary oil containment for equipment that contains 1320 gallons or greater of oil.

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CL&P dba Eversource Energy  
Petition No. Petition 1376

Data Request CSC-01  
Dated: 07/24/2019  
Q-CSC-008  
Page 1 of 1

Witness: No Witness  
Request from: Connecticut Siting Council

**Question:**

Estimate the acreage areas of Prime Farmland Soils that would be impacted permanently and/or temporarily, as applicable, by Eversource's proposed project.

**Response:**

A total of 48,622 square feet (1.12 acres) of permanent impacts (primarily gravel work pads) and 1,855 square feet (0.043 acre) of temporary impacts (matting) would be required for the project. The gravel work pads are located entirely on Eversource-owned property.

CL&P dba Eversource Energy  
Petition No. Petition 1376

Data Request CSC-01  
Dated: 07/24/2019  
Q-CSC-009  
Page 1 of 1

Witness: No Witness  
Request from: Connecticut Siting Council

**Question:**

Is any notice to the Federal Aviation Administration (FAA) required for the proposed Structure No. 7943A or any proposed structures within the substation? If yes, would such notice be provided to FAA as applicable?

**Response:**

The Company filed a notification of proposed construction with the FAA on February 22, 2019. The FAA returned a determination of "No Hazard to Air Navigation" on aeronautical study # 2019-ANE-613-OE in a letter dated March 14, 2019. No marking or lighting will be required for this structure. See the response letter received from the FAA, attached.



Mail Processing Center  
Federal Aviation Administration  
Southwest Regional Office  
Obstruction Evaluation Group  
10101 Hillwood Parkway  
Fort Worth, TX 76177

||Petition No. Petition 1376

||Data Request CSC-01

Aeronautical Study No. Dated 07/24/2019  
2019-ANE-613-**OE**  
HQ-CSC-009, Page 1 of 3

Issued Date: 03/14/2019

Christopher Soderman  
Eversource Energy  
56 Prospect Street  
Hartford, CT 06103

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure: Transmission Line 7943A  
Location: Enfield, CT  
Latitude: 41-58-42.87N NAD 83  
Longitude: 72-30-33.44W  
Heights: 238 feet site elevation (SE)  
75 feet above ground level (AGL)  
313 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

At least 10 days prior to start of construction (7460-2, Part 1)  
 Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 L Change 2.

This determination expires on 09/14/2020 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION  
BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION  
OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO  
SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE  
ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

Petition No. Petition 1376  
Nav Rule Request CSC-01  
Dated 07/24/2019  
HQ-CSC-009, Page 2 of 3

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA. This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (202) 267-0105, or [j.garver@faa.gov](mailto:j.garver@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2019-ANE-613-OE.

**Signature Control No: 397626563-399708773**

( DNE )

Jay Garver

Specialist

Attachment(s)

Map(s)

# TOPO Map for ASN 2019-ANE-613-OE

||Petition No. Petition 1376  
||Data Request CSC-01  
||Dated 07/24/2019  
||Q-CSC-009, Page 3 of 3

