



56 Prospect Street  
P.O. Box 270  
Hartford, CT 06103

**Kathleen M. Shanley**

Manager – Transmission Siting  
Tel: (860) 728-4527

May 31, 2022

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

Re: Sub-Petition No. 1293-PT-01

Dear Attorney Bachman:

The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") is filing the attached Sub-Petition No. 1293-PT-01 with the Connecticut Siting Council ("Council"), regarding maintenance work within its transmission right-of-way in Putnam and Thompson, Connecticut. The work includes replacing three existing transmission structures with new weathering steel transmission structures.

Eversource notified the officials of the municipalities of Putnam and Thompson of Eversource's submission of the Sub-Petition (see Proof of Notice) and sent copies of the Sub-Petition to owners of directly abutting properties (see Proof of Notice).

Enclosed please find an original and three (3) copies of this filing.

Please contact me at 860-728-4527 if you have any questions regarding the enclosed Sub-Petition.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kathleen M. Shanley", written in a cursive style.

Enclosures

Attachments:

Exhibit A: Sub-Petition

Exhibit B: Photographs

Exhibit C: Maps

Exhibit D: Abutter Letter and Proof of Notice

**ATTACHMENT A**  
**SUB-PETITION**

**THE CONNECTICUT LIGHT AND POWER COMPANY doing business as  
EVERSOURCE ENERGY**

Sub-Petition

CONNECTICUT SITING COUNCIL – PETITION NO. 1293  
TRANSMISSION FACILITY ASSET CONDITION MAINTENANCE  
IMPROVEMENTS TO COMPLY WITH THE UPDATED NATIONAL  
ELECTRICAL SAFETY CODE CLEARANCE REQUIREMENTS

Town: Putnam and Thompson

Sub-Petition: 1293-PT-01

Project: 347 Transmission Line Structure Replacement Project

Structure Locations: Three Transmission Line Structures located in Putnam and Thompson, Connecticut

I. Introduction:

In accordance with Condition 1 of the March 30, 2017 ruling by the Connecticut Siting Council (the "Council") (as set forth in the Council's March 31, 2017 letter) regarding Petition No. 1293, The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") submits this Sub-Petition.

II. Description of Transmission Work Activities:

Eversource's 347 Transmission Line Structure Replacement Project ("Project") is part of an ongoing maintenance program which evaluates the integrity of its utility structures and implements repair, upgrade or replacement in order to ensure the safe and reliable transmission of power to its customers.

Due to asset condition, three structures require replacement on a portion of the 347 Line between Providence Pike (US Highway 44) in Putnam and a location just east of Elmwood Hill Road in Thompson, Connecticut. The 347 Line in its entirety, is a 345-kilovolt ("kV") line that extends from Killingly Substation in Killingly Connecticut to National Grid's Sherman Road Substation in Burrillville, Rhode Island. The structures to be replaced are wood H-frame structures. To comply with current clearance requirements, each replacement structure will need to be taller than the associated existing structure.

Eversource plans to conduct transmission structure replacement work to remediate damage caused by woodpecker activity. The following work ("Work Activities") will be performed:

- Replace three existing wood structures with new weathering steel structures. Each replacement structure will be of the same design as its corresponding existing structure.

III. No Substantial Adverse Environmental Effect:

Eversource respectfully submits that the proposed modifications would have no "substantial adverse environmental effect" pursuant to Conn. Gen. Stat. § 16-50k, based on the following factors:

- a) All Work Activities would take place in areas within Eversource's property and existing right-of-way ("ROW") utilizing existing access roads, as well as some temporary access roads (collectively the "Work Areas"). Some of the existing access roads would be improved. Eversource can access each of the structure replacement locations utilizing its existing rights.
- b) Collectively, utilizing existing and temporary access roads, the Work Activities would result in approximately 18,134 square feet ("SF") of temporary wetland impacts from the temporary use of construction matting required for the construction of access roads and work pads for three structures as follows:

Wetland Number	Structure Number	Construction Work Pads Temporary Impacts (SF)	Access Roads Temporary Impacts (SF)
W06	9306	±10,000	±2,616
W11	9324	±5,518	0
<i>Subtotals:</i>		±15,518	±2,616
<b>TOTAL:</b>		<b>±18,134</b>	

Work would be conducted in accordance with Eversource's *Best Management Practices Manual for Massachusetts and Connecticut (Construction and Maintenance Environmental Requirements)*, April 2022 ("BMPs") to avoid impacts to nearby wetland and watercourse resources.

- c) No adverse impacts to vernal pools ("VP") or vernal pool envelopes ("VPE") are anticipated from the proposed Work Activities. However, one VP habitat has been identified ("VP06") near Work Areas associated with Structure 9306. A portion of the temporary access road and temporary work pad for Structure 9306 are located within the VPE associated with VP06. Vernal Pool species protection measures will be implemented where Work Activities extend into the VPEs. To minimize disturbance, temporary construction matting would be used, and vegetation removal would be limited to hand clearing only where the access road and work pad extend into the VPE. With the implementation of these protective measures, no adverse impacts to VP06 are anticipated from the proposed Work Activities.
- d) Based on review of the Connecticut Department of Energy and Environmental Protection's Natural Diversity Database ("NDDB"), the Work Activities associated with the work pad for Structure 9324 is proposed within a NDDB polygon area and wetland jurisdictional area and therefore is subject to a NDDB review request. Subsequently, Eversource submitted an NDDB review request to CTDEEP on November 15, 2021 regarding structure replacement work for the project and received a response from NDDB on November 19, 2021 with recommendations for the protection of rare species potentially present. The recommended protection measures identified in the NDDB letter have been accepted by Eversource and will be incorporated into the Company's BMPs, project plans and construction activities. With these protection measures, no adverse impacts to state-listed rare species are anticipated.
- e) The Work Activities will not require any tree clearing. However, Eversource will need to undertake tree trimming and/or vegetation removal/mowing to establish required conductor clearance, to improve access roads, and/or to install work pads within the Work Areas.
- f) A Phase 1A assessment review of previously recorded cultural resources on file with the Connecticut State Historic Preservation Office conducted by Heritage Consultants, LLC ("Heritage") in August 2021, did not identify any National Register of Historic Places properties/districts within 500 feet of the Work Areas. However, one archeological site is situated within the vicinity of Structure 9306. However, as the archeological site is located on the opposite side of Providence Pike (US Highway 44), the Work Activities associated with Structure 9306 would not directly impact the site. Based on a review of historic maps, aerial photographs, and available soil profiles, all additional project

Work Areas were identified to possess no to low archaeological sensitivity and Heritage recommended no further examination at these locations.

- g) To comply with current conductor clearance requirements the height of the replacement structures will be increased. The existing structures range in height from 74.5 to 88 feet above ground level. The replacement structures will range in height from 79 to 101.5 feet above ground level. Structure 9306 would increase by 4.5 feet for an overall height of 92.5 feet, Structure 9319 would increase by 27 feet to accommodate crossing over a roadside distribution line, for an overall height of 101.5 feet and Structure 9324 would increase by 4.5 feet for an overall height of 79 feet.
- h) Work Activities associated with Structure 9306 are located within the mapped 100-year flood zone associated with an unnamed tributary to Munson Brook. Eversource would utilize its BMPs to minimize any impacts to the flood zone by utilizing temporary anchored construction matting and by not placing any fill that would increase the elevations of the existing or proposed road surfaces or work pads to ensure that the floodplain hydrology would not be adversely affected. With these protective measures and the use of the BMPs, no adverse impact to the 100-year flood zone would result from the proposed Work Activities.
- i) No change in noise levels would result from the installation of the new structures and the applicable line would continue to comply with the State of Connecticut noise regulations.
- j) Any changes in electric and magnetic field levels outside the ROW would be negligible.

#### IV. Mitigation:

Temporary environmental effects from construction will be mitigated as follows:

- Erosion and sediment ("E&S") controls will be employed and maintained, as needed, for the duration of the Work Activities in accordance with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control and the BMPs.
- Potential impacts to wetlands and watercourses will be mitigated with the use of temporary construction matting and adherence to the BMPs.
- Potential impacts to the 100-year flood zone would be avoided with adherence to the BMPs and the use of temporary anchored construction matting.
- Vernal pool protective measures will be incorporated into the Eversource BMPs during construction.
- NDDDB recommended rare species protective measures will be incorporated into Eversource's BMPs during construction.
- Eversource's contractor will perform construction sequencing such that any earth materials are exposed for a minimum amount of time before they are covered, seeded, or otherwise stabilized to prevent erosion.
- During construction, when necessary, anti-tracking mats would be installed at construction entrances to public roads to prevent tracking of soil onto local roads.
- Upon completion of the Work Activities, all disturbed/exposed areas will be stabilized and revegetated as needed. After establishing permanent ground cover, Eversource's contractor would remove the temporary E&S controls and remove/dispose of any accumulated sediments and debris from areas where such measures were used.

V. Access:

Existing access roads in upland areas may be hardened and widened at turning areas to facilitate the safe passage of construction vehicles. Construction matting will be used for temporary access roads within wetlands and VPE areas. The matting will be removed upon completion of the Work Activities and the areas restored, as necessary.

Eversource will access the Work Areas by entering its ROW from existing access points on public roads as follows:

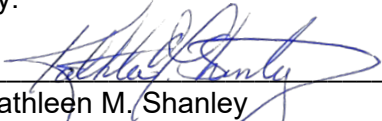
Putnam

- Providence Pike (US Highway 44) for structure 9306.

Thompson

- Quaddick Town Farm Road for structure 9319.
- Elmwood Hill Road for structure 9324

By:

  
\_\_\_\_\_  
Kathleen M. Shanley  
Manager - Transmission Siting

**ATTACHMENT B**  
**PHOTOGRAPHS**

Structure #9306





Structure #9319



Structure #9324



## **ATTACHMENT C**

### **MAPS**

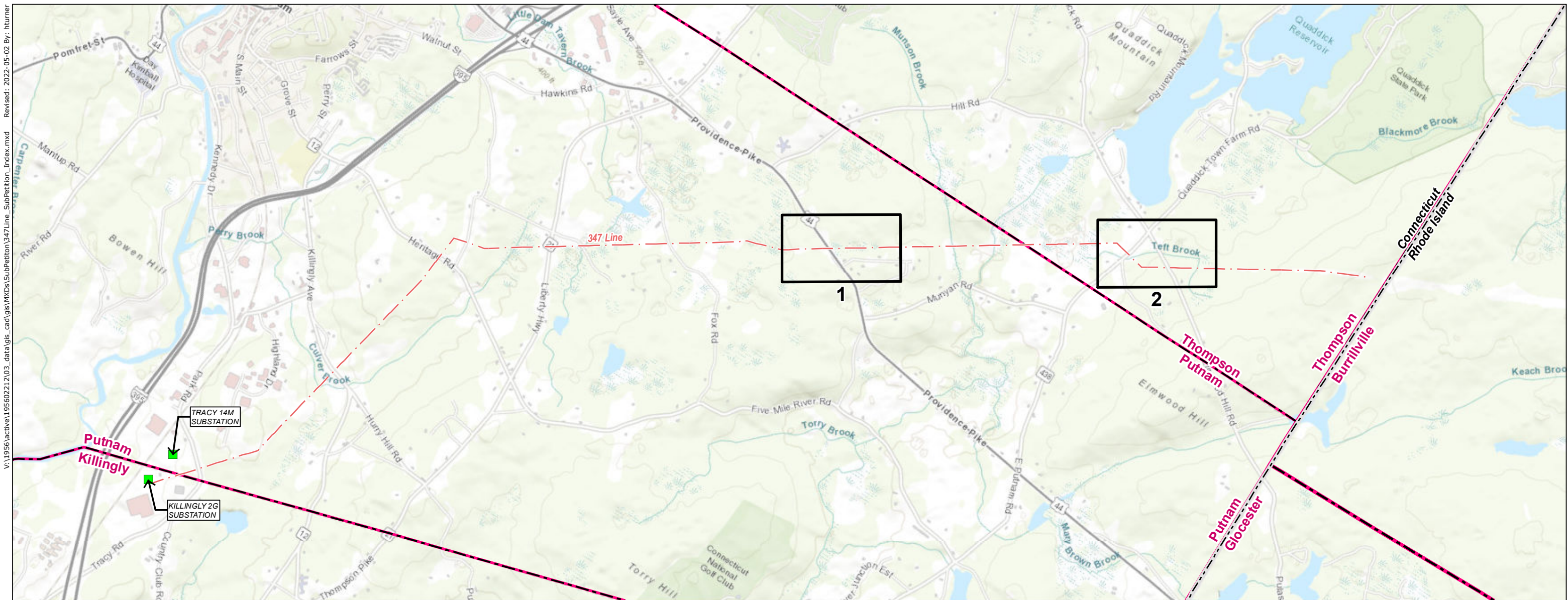


# 347 Line - Structure Replacement Project

Putnam and Thompson, CT

Sub-Petition Map Set

Date: May 02, 2022



## Legend

■ Substation    - - - Overhead Eversource Line    □ Map Sheet    - - - Municipal Boundary    - - - State Boundary



0 0.25 0.5 Miles

## INDEX OF FIGURES

Title Sheet / Index Map  
Abutter Tables & Map Sheets 1-2

PREPARED FOR:

**EVERSOURCE**  
ENERGY

107 Selden Street  
Berlin, CT 06037

PREPARED BY:

 **Stantec**



30 Park Drive  
Topsham, ME 04086

347 Line - Structure Replacement  
Sub-Petition Map Sheet 1 Abutters Table

ABUTTER NUMBER	OWNER NAME (First)	OWNER NAME (Last)	ADDRESS	CITY/TOWN	STATE	ZIP
288D-023	JOHN J	HAEFELE	394 PROVIDENCE PIKE	PUTNAM	CT	06260
288D-024	RICHARD F & JUDITH A	BOULET	2 ELVIRA HEIGHTS	PUTNAM	CT	06260
288D-025	CHRISTOPHER	STEINBRICK	12 ELVIRA HEIGHTS	PUTNAM	CT	06260





			 	
			<b>347 Line - Structure Replacement Project</b>	
			Putnam, CT	MAP SHEET
			Date: May 02, 2022	<b>1 of 2</b>
NO.	DATE	REVISIONS		



347 Line - Structure Replacement  
Sub-Petition Map Sheet 2 Abutters Table

ABUTTER NUMBER	OWNER NAME (First)	OWNER NAME (Last)	ADDRESS	CITY/TOWN	STATE	ZIP
288D-040	ERNEST F	SKWISZ	537-539 QUADDICK RD	THOMPSON	CT	06277
288D-047	THE WYNDHAM LAND TRUST INC		ELMWOOD HILL RD	THOMPSON	CT	06277







**ATTACHMENT D**  
**ABUTTER LETTER AND**  
**PROOF OF NOTICE**

May 31, 2022

Dear Neighbor,

As part of our everyday effort to deliver reliable energy to our customers and communities, we're planning work in your area to replace electric transmission structures. Maintaining the infrastructure that supports the electric lines is one of the ways Eversource ensures the safe, secure transmission of electricity throughout the region.

You're receiving this letter and a copy of the Sub-Petition because the proposed work would be taking place within the Eversource right-of-way in Putnam and Thompson. A Sub-Petition is a document with detailed information about the proposed upgrades. Eversource is submitting Sub-Petition No. 1293-PT-01 this week to the Connecticut Siting Council (CSC) for its review.

**About This Electric System Improvement: What You Can Expect**

First, we want you to know that this work will not interrupt electric service to your area.

As part of this project, we are proposing to replace structures due to structure age, weather, woodpecker activity and/or clearance requirements. The new structures will be weathering steel, with a finish that "weathers" or darkens over time. The new structures will comply with current clearance requirements and provide continued reliability of the transmission system.

**Connecticut Siting Council Process and Timing**

With this letter, Eversource is providing notice to you of its proposed work activity, as described in the enclosed Sub-Petition. If you have any comments or concerns about the project, please send them to the CSC at the following address within 30 days of the date of this letter: Melanie Bachman, Executive Director; Connecticut Siting Council; Ten Franklin Square; New Britain, CT 06051. You may also email them to the [siting.council@ct.gov](mailto:siting.council@ct.gov). If you choose to send comments to the CSC, please reference Sub-Petition No. 1293-PT-01 in your correspondence.

**Our Commitment to You**

We are committed to being a good neighbor and doing our work with respect for you and your property. If you would like more information about this work, please call 1-800-793-2202, or send an email to [ProjectInfo@eversource.com](mailto:ProjectInfo@eversource.com). Thank you.

Sincerely,

*Steven Kane*

Steven Kane  
Eversource Project Manager – Transmission Projects

AFFIDAVIT OF SERVICE OF NOTICE

STATE OF CONNECTICUT     )  
  ) ss. Hartford  
COUNTY OF HARTFORD     )

In accordance with Condition 2 of the Connecticut Siting Council's ("Council") March 31, 2017 declaratory ruling on Petition No. 1293, I hereby certify that on May 31, 2022, I caused notice of the proposed maintenance activities including a copy of the Sub-Petition No.1293-PT-01 of The Connecticut Light and Power Company dba Eversource Energy ("Eversource") to be served on the municipalities listed below and 5 abutters. The notice of the proposed maintenance activities states that comments or concerns regarding the maintenance activities described in the Sub-Petition should be submitted to the Council within 30 days of the date of such notice.

Municipal Officials:

Town of Putnam  
Barney Seney, Mayor  
126 School Street  
Putnam, CT 06260

Town of Thompson  
Amy St. Onge, First Selectwoman  
815 Riverside Drive  
PO Box 899  
North Grosvenordale, CT 06255

  
\_\_\_\_\_  
James L. Smith  
Project Siting Specialist

On this the   31   day of May 2022, before me, the undersigned representative, personally appeared, James L. Smith, known to me (or satisfactorily proven) to be the person whose name is subscribed to the foregoing instrument and acknowledged that he executed the same for the purposes therein contained.

In witness whereof, I hereunto set my hand and official seal.

  
\_\_\_\_\_  
Signature

Officer of the Superior Court / Juris No.   413393