



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

Kathleen M. Shanley
Manager – Transmission Siting
Tel: (860) 728-4527

July 24, 2018

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

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

Dear Ms. Bachman:

The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") is filing the attached Sub-Petition No. 1293-MO-01 with the Connecticut Siting Council ("Council"), regarding maintenance work within its transmission right-of-way in Montville, Connecticut. The work includes replacing 6 existing wooden transmission structures with new weathering steel transmission structures.

Eversource notified the official of the municipality of Montville of Eversource's submission of the Sub-Petition and sent copies of the Sub-Petition to owners of directly abutting properties (see Proof of Notice).

Enclosed please find an original and 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". The signature is stylized and cursive.

Enclosures

Attachments:
Exhibit A: Sub-Petition
Exhibit B: Photographs and Photo Simulation
Exhibit C: Maps
Exhibit C: 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 ELECTRIC
SAFETY CODE CLEARANCE REQUIREMENTS

Town: Montville

Sub-Petition No. 1293-MO-01

Project: 1235/1250 Transmission Line Structure Replacement Project

Structure Location: 6 Transmission Structures located in Montville, 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 1235/1250 Transmission Line Structure Replacement 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, several structures require replacement on a portion of the 1235/1250 Line between Jerome Road and Interstate 395 in Montville CT. The 1235/1250 Line, in its entirety, is a 115-kV transmission line that extends from Montville Substation to Old Colchester Road in Montville, Connecticut. Of these replacements, six structures require slight increases in structure height to comply with current clearance requirements.

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

- Replace six existing wood H-Frame structures with new weathering steel H-Frame structures that are slightly taller (9 feet or less) than the existing structures. The replacement structures will be installed within 15 feet of the existing structures.

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) Work Activities would take place in areas within Eversource's property and existing right-of-way ("ROW") utilizing existing and proposed new access roads (collectively the "Work Areas"). Some of the existing access roads will be improved.
- b) Work Activities would result in no temporary or permanent wetland impacts. Work would be conducted in accordance with Eversource's *Best Management Practices Manual for Massachusetts and Connecticut (Construction and Maintenance Environmental Requirements)*, September 2016 ("BMPs") to avoid impact to nearby wetland resources.
- c) No vernal pools are located in proximity to the Work Activities.
- d) As a result of Eversource's review of the Connecticut Department of Energy and Environmental Protection's Natural Diversity Data Base ("NDDB"), no Work Areas are located within a NDDB buffered area. Therefore, no adverse impact to rare species will result from activities proposed in the Work Areas.
- e) The structure replacements will not require any tree clearing. However, Eversource may need to undertake minor tree trimming and/or vegetation removal/mowing within the managed ROW corridor to improve access to portions of 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 did not identify that any National or State Register of Historic Places properties/districts are located within 500 feet of the Work Areas. Based on a review of historic maps, aerial photographs and available soil profiles, three of the work pad locations and two of the access roads were identified to possess a potential for moderate to high archaeological sensitivity. These locations were evaluated in the field with a pedestrian survey by a representative from Heritage Consultants, LLC and found to contain no physical evidence of archaeological significance, concluding that no additional archaeological examination of these areas is recommended.
- g) Increased heights of the 6 replacement structures would average approximately 6 feet and none will exceed 9 feet.
- h) Replacement structures would be located within 15 feet of existing structures.
- i) There are no 100-year flood zones in the Work Areas.
- j) No change in noise levels would result from installation of the new structures and the line would continue to comply with the State of Connecticut noise regulations.
- k) Any changes in electric and magnetic field levels outside of the ROW would be negligible.

IV. Mitigation:

Temporary environmental effects from construction will be mitigated as follows:

- Erosion and sediment controls ("E&S") will be employed and maintained, as needed, throughout the execution of the Work Activities in accordance with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control and the BMPs.


- Potential impacts to nearby wetlands will be mitigated with adherence to the BMPs.
- Eversource's contractor would perform construction sequencing such that any earth materials are exposed for a minimum 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 onto public roads to prevent tracking of soil onto local streets.
- Upon completion of the Work Activities, all disturbed/exposed areas would be stabilized and revegetated. After the establishment of 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:

Two new permanent access roads would be constructed to facilitate access to structures within the ROW and existing access roads may be hardened and temporarily widened at turning areas to facilitate the safe passage of construction vehicles.

Eversource would access the Work Areas for all 6 structures by entering its property from the existing Uncasville Substation access point on Killeen Road.

By:



Kathleen M. Shanley
Manager - Transmission Siting

ATTACHMENT B
PHOTOGRAPHS AND
PHOTO SIMULATION

Structure #4205A



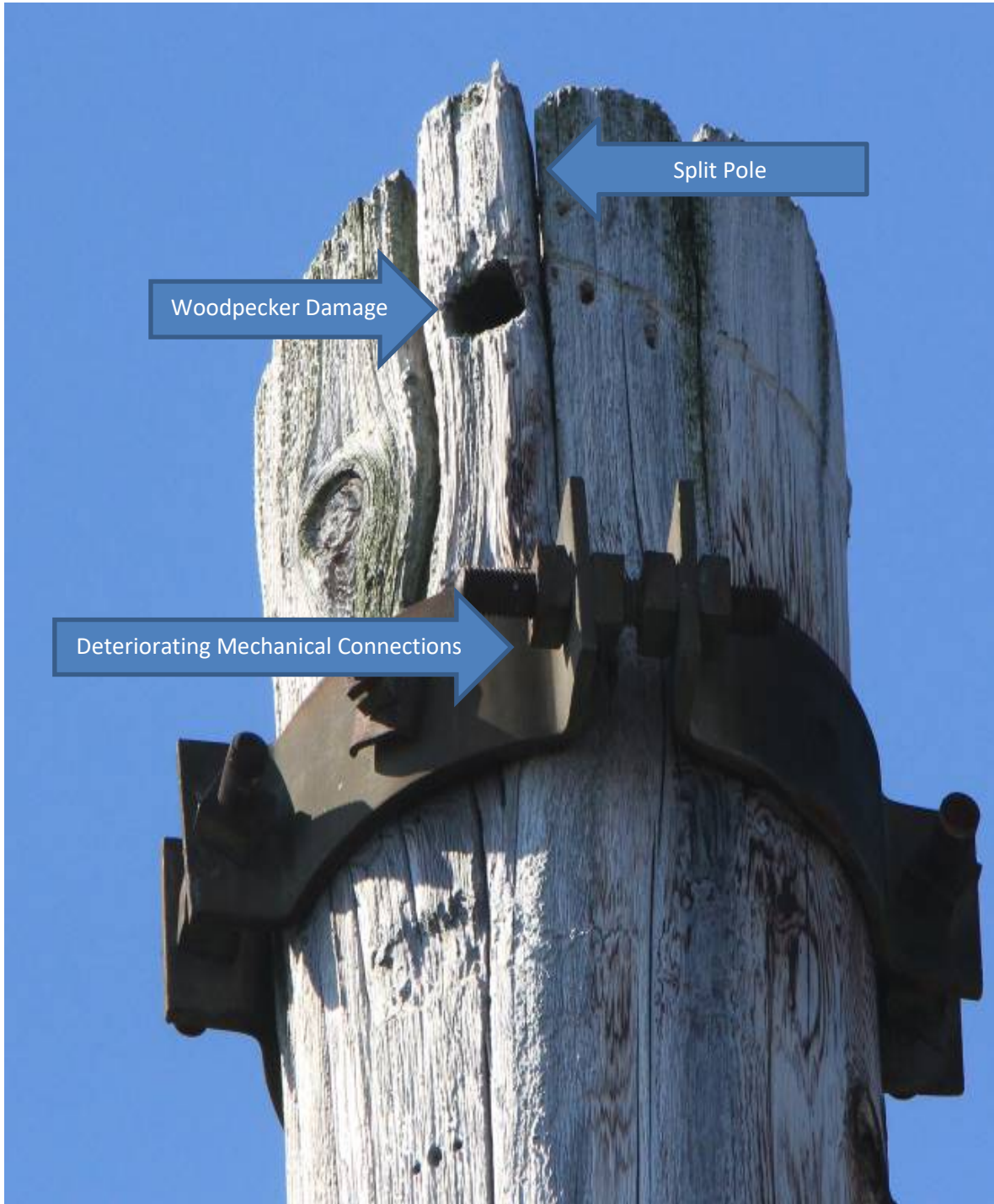
Structure #4205B



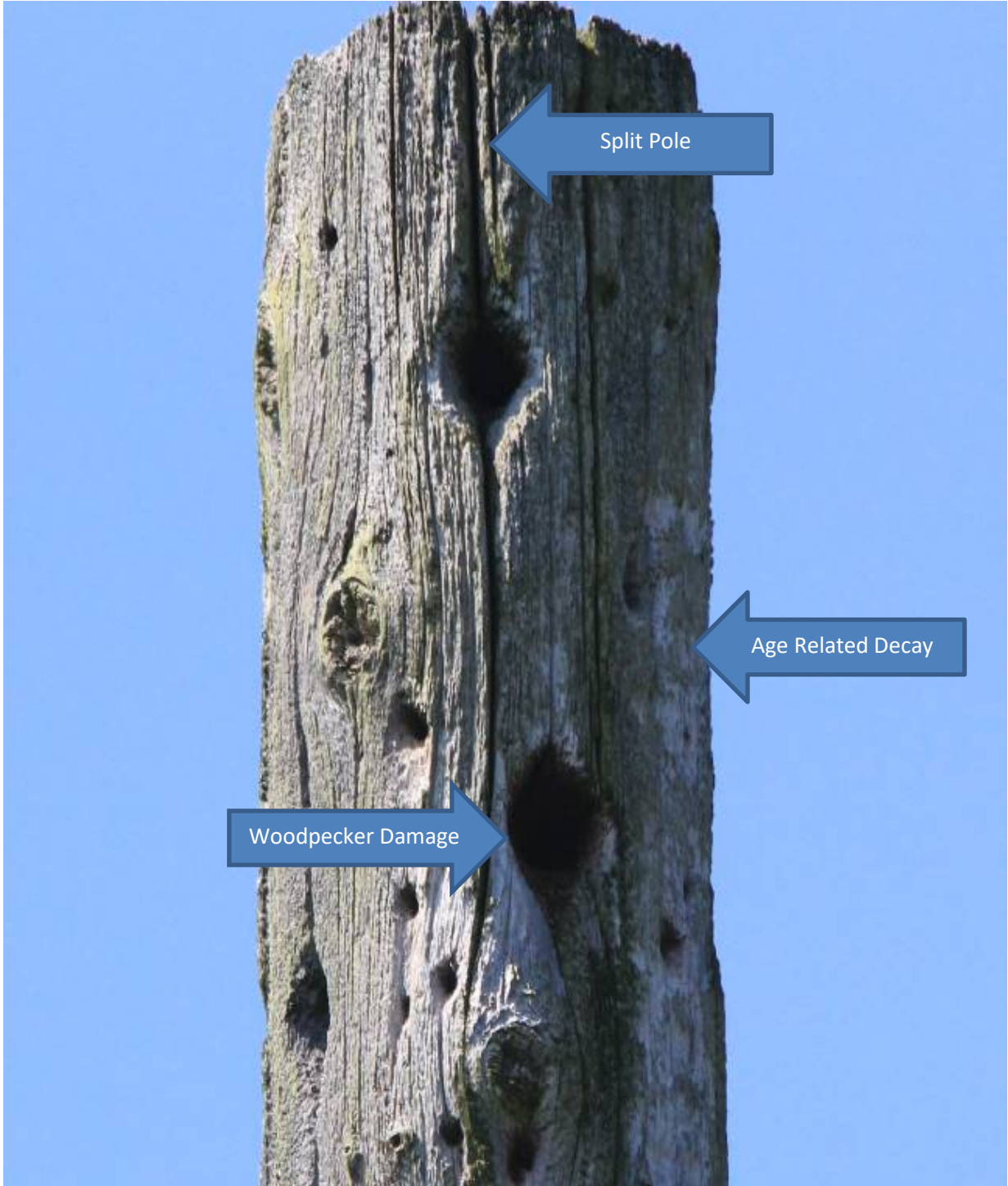
Woodpecker Damage

Age Related Decay

Structure #4206A



Structure #4209B





EXISTING

1235/1250 LINE

STRUCTURE 4205B

LOCATION

KILLEEN ROAD - MONTVILLE, CT

ORIENTATION

EAST



ALL-POINTS
TECHNOLOGY CORPORATION

EVERSOURCE
ENERGY



PROPOSED

1235/1250 LINE

STRUCTURE 4205B

LOCATION

KILLEEN ROAD - MONTVILLE, CT

ORIENTATION

EAST



ALL-POINTS
TECHNOLOGY CORPORATION

EVERSOURCE
ENERGY

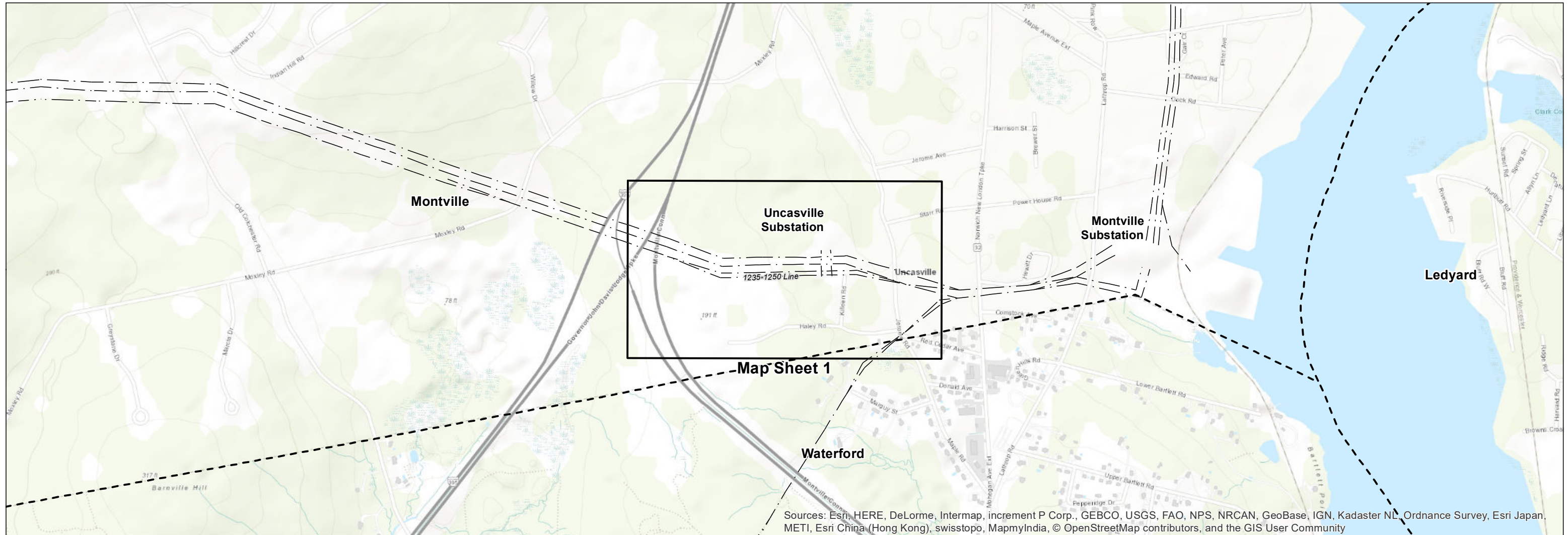
ATTACHMENT C

MAPS

1235-1250 Line Structure Replacement Project

Montville, CT
Sub-Petition Map Set

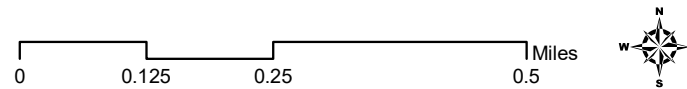
Date: July 17, 2018



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Legend

--- Overhead Eversource Line □ Map Sheet



INDEX OF FIGURES

Title Sheet / Index Map
Abutter Tables and Map Sheets

PREPARED FOR:



107 Selden Street
Berlin, CT 06037

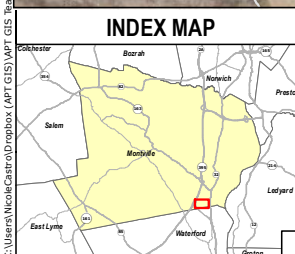
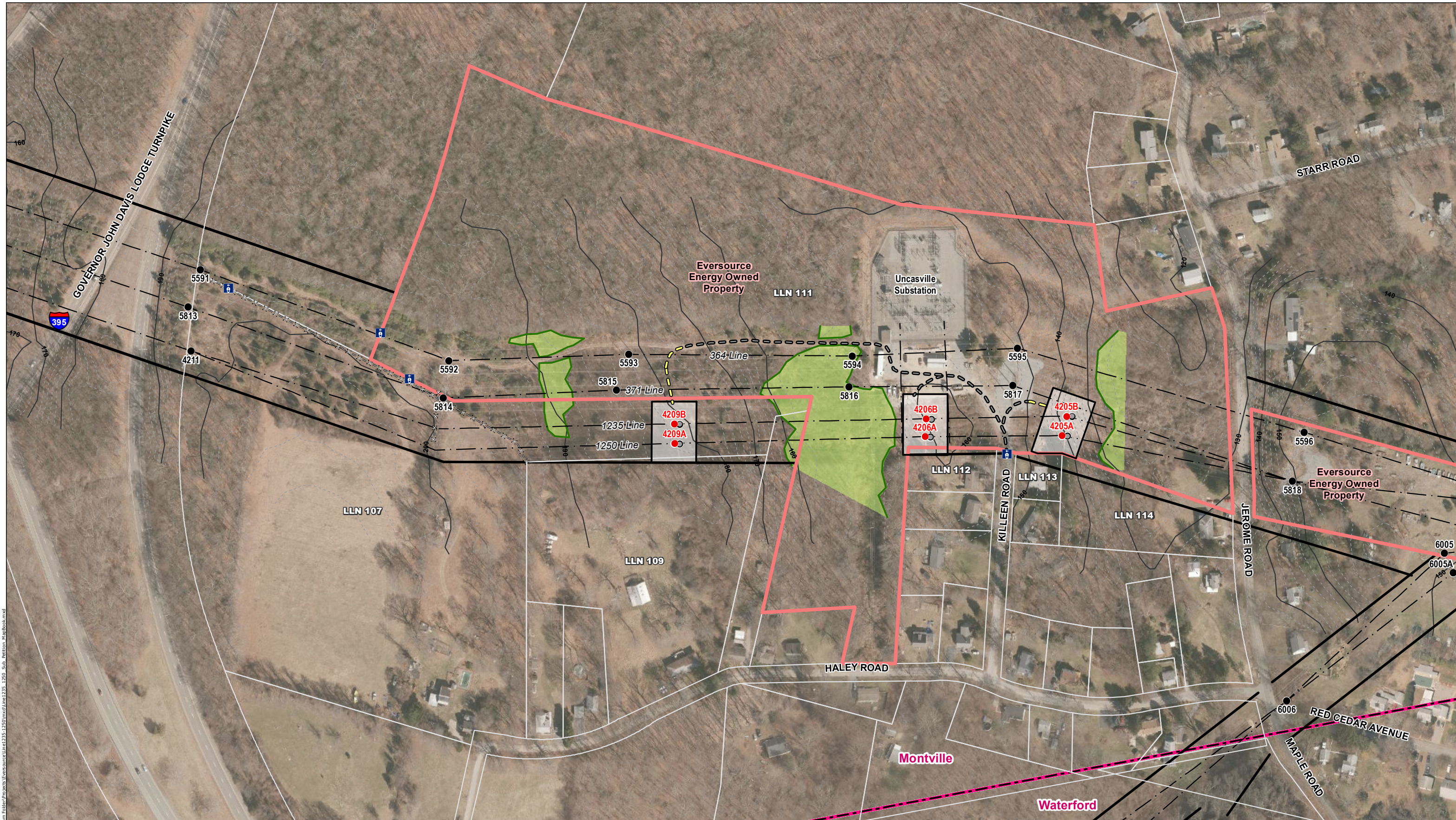
PREPARED BY:



3 Saddlebrook Drive
Killingly, CT 06419

Map Sheet 1 of 1
1235-1250 Line Structure Replacement Project
Abutters List

<u>Line List Number</u>	<u>Parcel Address</u>	<u>City</u>	<u>State</u>	<u>Owner Name</u>
107	79 HALEY RD	MONTVILLE	CT	EVELYN A MALINOWSKY
109	51 HALEY ROAD	MONTVILLE	CT	KNUTE T & STEPHANIE R MALINOWSKY
111	25 KILLEEN RD	MONTVILLE	CT	CONNECTICUT LIGHT & POWER COMPANY
112	16 KILLEEN RD	MONTVILLE	CT	JENNA JONES
113	15 KILLEEN RD	MONTVILLE	CT	CHRISTOPHER M TOMASZEK
114	119 JEROME ROAD	MONTVILLE	CT	DANIEL V KILLEEN EST, C/O LEE KILLEEN



Legend	
● Proposed Structure	×=×=× Fence
● Existing Structure	— Existing Access
● Existing Structure to be Removed	— Proposed Access
— Overhead Eversource Line	□ Stone Work Pad
— Existing Right-of-Way	— Delineated Wetland Boundary Outline
— 10' Contour Line	— Field Delineated Wetland
— 2' Contour Line	— FEMA 100-Year Flood Zone (none in mapped extent)
— Gate	— FEMA Floodway (none in mapped extent)
	▨ Critical Habitat (CTDEEP, 2009; none in mapped extent)
	▨ Natural Diversity Database Area (Dec 2017; none in mapped extent)
	▨ State-Owned Property (none in mapped extent)
	▨ Eversource Owned Property
	▨ Parcel Boundary
	▨ Municipal Boundary

Map Notes:
 Not for Construction. Parcel and ROW boundaries are approximate (not surveyed). Repairs to existing access roads within wetlands with permanent fills are exempt discharges under 323.4(a)(2) provided that the limit of fill does not exceed the footprint of the existing fill through wetlands areas. Maintenance repairs do not include modifications that change the character, scope, and size of the original fill design. Temporary impacts associated with construction mats in previously disturbed wetland and upland areas either within vernal pool (VP) depressions or management area (100' of VP's edge) are eligible under the Army Corps of Engineers CT General Permit as a Self-Verification eligible activity. Base Map Source: 2016 CTECO Orthophotography

1 inch = 200 feet
 0 50 100 200 Feet

NO.		DATE		REVISIONS		BY		CHK		APP		APP					
																1235-1250 Line Structure Replacement Project	
														Montville, CT		Map Sheet 1 of 1	
														Date: July, 2018			
														Map Author: N. Castro			

C:\Users\NCastro\Desktop\AEP GIS\Map GIS Team\Folder\Projects\Eversource\Line\1235-1250\mxd\Line1235_1250_Sub_Region_Mapbook.mxd

ATTACHMENT D
ABUTTER LETTER AND
PROOF OF NOTICE



P.O. Box 270
Hartford, CT 06141

July 24, 2018

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 right of way on or near your property in Montville, CT. A Sub-Petition is a document with detailed information about the proposed upgrades. Eversource is submitting Sub-Petition No. 1293-MO-01 this week to the Connecticut Siting Council (CSC) for its review and approval.

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 property.

As part of this project, we are proposing to replace, and slightly increase the height of the existing wood structures. The new, weathering steel structures will increase in height by 9 feet or less, depending on the location.

We are proposing to do the work within the existing rights of way on or near your property. The new structures will 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, Acting Executive Director; Connecticut Siting Council; Ten Franklin Square; New Britain, CT 06051. You may also email them to the siting.council@ct.gov. If you choose to send comments to the CSC, please reference Sub-Petition No. 1293-MO-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 TransmissionInfo@eversource.com. Thank you.

Sincerely,

Brian Ragozzine

Brian Ragozzine
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 July 24, 2018, I caused notice of the proposed maintenance activities including a copy of the Sub-Petition No.1293-MO-01 of The Connecticut Light and Power Company dba Eversource Energy ("Eversource") to be served on the municipality 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 Official:

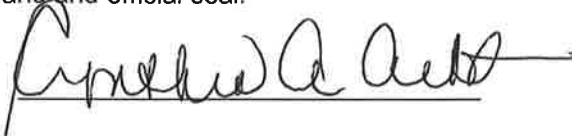
Town of Montville
Attn: The Honorable Ronald McDaniel, Mayor
Montville Town Hall, 2nd floor
310 Norwich-New London Turnpike
Uncasville, CT 06382



James L. Smith
Project Siting Specialist

On this the 24 day of July, 2018, 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.



Notary Public
My Commission expires:



CYNTHIA A. ARTHUR
NOTARY PUBLIC
STATE OF CONNECTICUT
MY COMM. EXP.09-30-2018