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May 18, 2023

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

Re: Salisbury Substation Transformer Replacement Project
Town of Salisbury, Connecticut

Dear Ms. Bachman:

The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") submits this Petition requesting from the Connecticut Siting Council ("Council") a Declaratory Ruling that no Certificate of Environmental Compatibility and Public Need is required for Eversource's proposed modifications, consisting principally of the replacement of a transformer, to its existing Salisbury Substation in the Town of Salisbury, Connecticut ("the Salisbury Substation Transformer Replacement Project" or "Project").

Prior to submitting this Petition, Eversource representatives briefed municipal officials in the towns of Salisbury and Sharon about the Project.* In addition, Eversource is providing written notice to all abutters of the proposed work and the filing of this Petition with the Council. Attachment A to this Petition includes a map of the Project site and a line list identifying the property owners who were notified about the Project.

Eversource is submitting this filing electronically and is providing one hard copy original and 15 additional copies to the Council, along with the requisite \$625 filing fee.

Sincerely,

A handwritten signature in cursive script that reads "Deborah Denfeld".

Deborah Denfeld
Team Lead – Transmission Siting

Enclosure

cc: Curtis G. Rand, First Selectman, Town of Salisbury
Brent M. Colley, First Selectman, Town of Sharon

*Eversource's southern property boundary in Salisbury abuts the Town of Sharon.

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THE CONNECTICUT LIGHT AND POWER COMPANY
doing business as
EVERSOURCE ENERGY

PETITION TO THE CONNECTICUT SITING COUNCIL
FOR A DECLARATORY RULING OF
NO SUBSTANTIAL ADVERSE ENVIRONMENTAL EFFECT
FOR PROPOSED MODIFICATIONS TO THE EXISTING
SALISBURY SUBSTATION IN THE TOWN OF SALISBURY, CONNECTICUT

1. Introduction

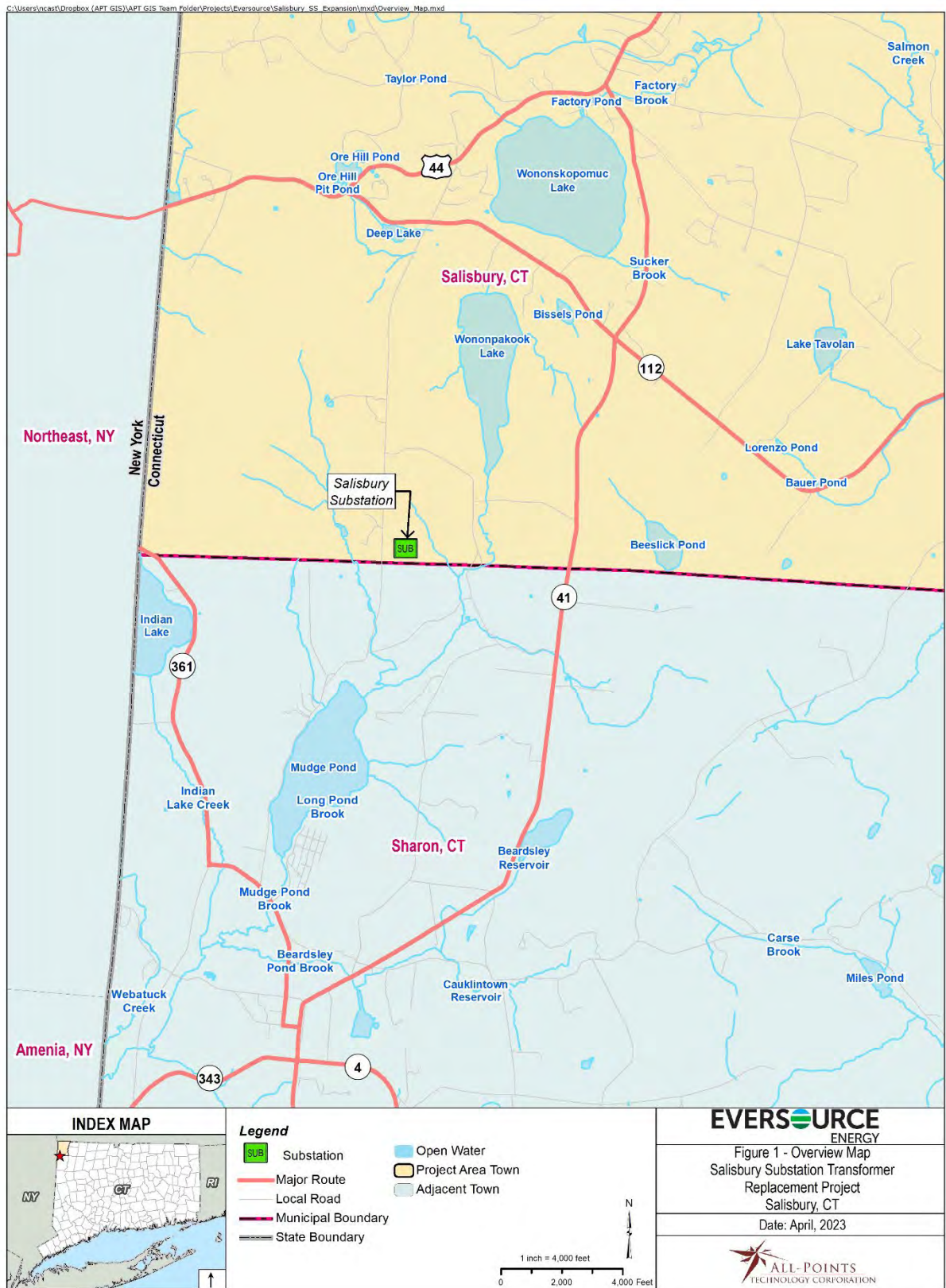
The Connecticut Light and Power Company doing business as Eversource Energy (“Eversource” or “the Company”) hereby petitions the Connecticut Siting Council (“Council”) for a Declaratory Ruling that no Certificate of Environmental Compatibility and Public Need (“Certificate”) is required pursuant to Section 16-50g et seq. of the Connecticut General Statutes (“C.G.S”) for proposed modifications to Salisbury Substation, located at 316 Indian Mountain Road in the Town of Salisbury, Litchfield County, Connecticut. Salisbury Substation is a 69- 13.2-kilvolt (“kV”) facility that presently occupies approximately 0.93 fenced acre within a 7.78-acre Eversource property. Figure 1 illustrates the general Project location.

The proposed Salisbury Substation Transformer Replacement Project (the “Project”) will involve the replacement of an existing 70-year-old transformer and related equipment. The Project will require a 0.07-acre (approximately 3,000 square foot) permanent expansion of the fenced substation area, all on Eversource property. During the transformer replacement process, a mobile transformer and related equipment will be temporarily used to maintain service to customers. Eversource submits that a Certificate is not required because the proposed modifications would not have a substantial adverse environmental effect.

2. Purpose of the Project

The purpose of the proposed Project is to replace the substation’s existing 13 mega volt ampere (“MVA”) 69- /13.2-kV transformer (“transformer 21J-1X”) with a new Eversource-standard 40 MVA 115- /69- /13.2-kV transformer. The existing transformer, which was manufactured in 1953, is approaching the end of its useful life and cannot be upgraded or modernized to meet current standards on the Eversource system.

Figure 1: Overview Map



This Project is part of Eversource's planned upgrades to substations in northwestern Connecticut to conform to the current standards used at other Company substations in the State. The installation of the new transformer and related equipment will improve the reliability of the transmission and distribution system by replacing the aging infrastructure with modern equipment that is consistent with current Company standards.

In addition, the new transformer will be in phase with Eversource's equipment at other substations in northwestern Connecticut, thereby increasing the potential number of distribution system tie-in points and overall distribution system reliability. The replacement transformer also will facilitate the conversion of the substation transmission connections to 115 kV, if required in the future to accommodate load growth or connections to New York State.

Replacing the old transformer, which does not have a load tap changer ("LTC"), with a modern, LTC-equipped transformer, also will allow the new transformer to self-regulate the outgoing voltage. As a result, three separate existing voltage regulators, which are required for the current transformer, will be removed.

A proposed minor expansion in the size of the fenced substation yard is required to allow the installation of the replacement transformer and related equipment while maintaining the existing transformer in service to the maximum extent possible and thus reducing the amount of time during which a mobile transformer will be required at the site.¹ In addition, the expanded substation yard will provide permanent access inside the northern portion of the substation yard and will facilitate future operation and maintenance activities.

3. Description of the Project Site and Project Facilities

3.1 Project Site Description

Salisbury Substation is situated east of Indian Mountain Road² in southwestern Salisbury. The southern Eversource property line abuts the boundary between the Town of Salisbury and the Town of Sharon.

¹ Mobile transformers are in high demand for projects; therefore, Project construction activities have been scheduled to minimize the amount of time that a mobile transformer is required on site.

² In the Town of Sharon, Indian Mountain Road becomes Mudge Road.

The fenced substation is set back approximately 600 feet east of Indian Mountain Road and is accessible via an existing asphalt drive, which provides ingress/egress to the main substation gate, located in the western portion of the substation fenced area. From the main access road, a gravel access road extends parallel to and outside of the southern substation fence. This existing access road traverses to a graveled area east of the eastern substation fence line; this area was used in the past for a staging/laydown area for the 69-kV line rebuild work. From the graveled laydown area, another existing graveled access road extends to a second gate located in the northeastern portion of the substation's fence. The Attachment A aerial map illustrates the locations of these existing access roads and existing graveled areas, all of which are located on Eversource's property.

Two 69-kV transmission lines presently connect to Salisbury Substation: the 667 Line extends northeast from Salisbury Substation to Falls Village Substation in the Town of Falls Village, while the 69-kV 690 Line traverses west-southwest between Salisbury Substation and Eversource's interconnection to Central Hudson Gas and Electric Company facilities at the Connecticut-New York border.³ Salisbury Substation's existing transformer is connected to the 667 Line bus and primarily fed from that transmission line. However, the transformer can also be fed from the 690 Line, depending on disconnect switch and breaker settings.

The substation was constructed in the early 1970s and is approximately 50 years old. However, the transformer to be replaced was relocated to Salisbury Substation when the substation was constructed and is approximately 20 years older than the substation. The substation control enclosure is situated in the middle of the fenced substation yard area.

A second, spare transformer (not connected to the substation equipment) is stored within the substation yard, near the eastern fence. This spare transformer, which was manufactured in 1948 and is the same size (MVA rating) as the in-service 21J-1X transformer, is kept on site for use should the existing transformer irreparably fail. In such case, the spare transformer would be installed in the same position as the existing transformer. However, like the substation's existing active transformer, the spare transformer cannot be upgraded to current Company standards.

³ Within the past five years, Eversource replaced structures on the 667 Line (CSC Petition No. 1371) and the 690 Line (CSC Petition No. 1457).

3.2 Proposed Project Modifications

The proposed modifications to the substation are illustrated in Attachment A – Salisbury Substation Aerial Map and Attachment B – Salisbury Substation General Arrangement - Plan & Sections. Details of the proposed transformer replacement work are as follows.

Existing Substation Equipment to be Removed:

- a. Two 115-kV motor operated disconnects (“MODs”), with associated ground switches and foundations.
- b. One 69-/13.2-kV, 13 MVA transformer (approximately 16 feet high by 10 feet wide and 13 feet long) and associated foundations, conduits, as well as three approximately 16-foot-high sound walls located around the southern, northern, and western sides of the transformer.
- c. Three single-phase 13.2-kV voltage regulators.
- d. Seven 13.2-kV ring bus-isolation switches.
- e. Two 13.2-kV manual feeder switches.
- f. Two feeder reclosers.
- g. The spare transformer presently stored in the back of the substation yard.
- h. Equipment from the relay and control enclosure (including three electromechanical relays, three lockout relays, one neutral amp meter, and four test switches).

Replacement Substation Equipment and Facilities to be Installed:

- a. One 115- /69- /13.2-kV, 40 MVA transformer with an associated foundation and oil containment system. The transformer is approximately 21.3 feet tall, 18.5 feet wide, and 29.5 feet long.
- b. One 115- /69-kV combination unit circuit switcher with associated foundation and steel.
- c. One 115- /69-kV MOD with associated foundation and steel.
- d. Three 115-/69-kV three-phase bus support structures supporting rigid bus connections to above circuit switcher and MODs and the rigid bus connections between the circuit switcher and transformer.
- e. One 13.2-kV three-phase bus support structure for the rigid bus/flexible conductor connections to the 2000A low side transformer breaker.
- f. Three 115-/69-kV rigid bus connections connecting the Line 690 bus to the MOD.

- g. A 22-feet high concrete firewall, to be located west of the new transformer.⁴
- h. Eight 13.2-kV ring bus disconnect switches.
- i. Two 13.2-kV manual feeder disconnect switches.
- j. Two feeder reclosers.
- k. A new below grade cable trench and conduit system that will extend between the existing relay and control enclosure and the new 115- /69-kV circuit switcher, new MOD, new transformer, and new transformer breaker.
- l. New equipment in the relay and control enclosure, consisting of new microprocessor-based relays (which will replace the existing electro-mechanical relays), lock-out relays, and test devices.

Substation Fence Expansion

The existing substation yard (i.e., the area within the fence) would be expanded by approximately 15 feet to the north, increasing the substation footprint by a total of 0.07 acre (i.e., the 15-foot northern expansion along the 200-foot length of the fence line). In this area, existing vegetation would be removed, the existing segment of fence would be removed, and the expanded substation yard area would be compacted and graveled. No tree clearing would be required for the expansion.

A new section of permanent fence would be installed along the expanded substation boundary. The new fence section would be the same height and appearance as the other portions of the substation fencing (i.e., chain link fence with 1.25-inch mesh, approximately 7 feet tall, with 1 foot of top-mounted three-strand barbed wire.)

After the substation yard is expanded, a distance that varies from between 9.6 to 15.6 feet would remain between the new fence and the northern boundary of Eversource's property. (Refer to Attachments A and B.)

4. Construction Methods

The Project would be constructed, operated, and maintained in accordance with established industry practices and with Eversource's April 2022 *Best Management Practices Manual for*

⁴ The firewall will allow Eversource to maintain 42 feet of clearance between the transformer and the relay and control enclosure, in conformance to the Institute of Electrical and Electronics Engineers ("IEEE") *Guide for Substation Fire Protection (IEEE 979)*.

Massachusetts and Connecticut (“BMPs”). The construction would generally follow the sequence summarized below:

- Survey and stake the boundaries of the new fence expansion area, as well as the wetland/stream area along the substation access road. Install erosion and sediment (“E&S”) controls around the portions of the wetland (and associated stream) along the main substation access road and staging areas near the road.
- Expand the substation yard gravel surface and install the new fence section. This work would involve the following tasks:
 - Remove two sections of the existing substation fence at each end to provide ingress and egress for equipment.
 - Remove existing vegetation and old wood debris from within the substation expansion area.
 - Excavate and fill the substation fence expansion area to near final grade (typically within approximately 4-6 inches of final grade).
 - Build the new fence section to the Eversource specifications, remove the old fence, and final grade the expanded fenced yard area to Company specifications.

(Note: During the work on the substation yard expansion, Eversource’s contractor would restore the perimeter fence at the end of each workday, using temporary fencing as needed to maintain the security of the substation.)

- Mobilize temporary office trailers and construction equipment/materials for the transformer replacement work to the site. Existing graveled areas (as described in Section 3.1 and illustrated on the Attachment A map) would be used for the Project; these areas may be top-dressed with traprock if necessary.⁵
- Perform civil construction for installation of new equipment (e.g., foundations for circuit switchers, MODs, and new transformer, as well as associated steel support structures)
- Install temporary facilities (consisting of feeder cables, five 40-foot-tall temporary wooden poles with two pole-mounted reclosers, three pole-mounted potential transformers, and three pole-mounted 25-kVA station service transformers) to support the replacement of existing disconnect switches and reclosers during construction. This equipment will be located within the substation yard.
- Transport a mobile circuit switcher and mobile transformer to the substation, cutover the substation to these mobile facilities, and then energize the mobile facilities to maintain

⁵ As discussed in Section 4.1, the staging/laydown areas on the Eversource property proposed for use on this Project were recently used for similar purposes in rebuilding the 69-kV transmission lines that connect to the substation. As a result, only minor, if any, laydown area preparation would be required for the Project.

service while the new equipment is being installed and the old transformer and related equipment is removed.⁶

- De-energize, dismantle, and remove the existing transformer; remove the acoustic walls around the transformer; and remove the old spare transformer stored on the substation site.
- Build the new firewall foundations and firewall adjacent to the new transformer.
- Install, test, and commission the new transformer and related equipment.
- Remove the mobile circuit switcher and transformer, as well as all other temporary equipment used during the transformer replacement process.
- Perform final restoration as needed.

4.1 Staging/Laydown Areas

To support the Project construction, Eversource proposes to use staging/laydown areas within the existing substation fenced area and on portions of the surrounding Company-owned property. These areas would be accessed via the existing substation access road from Indian Mountain Road and the existing on-site gravel access roads located south and east of the substation fence, are illustrated on the Attachment A map. The proposed primary staging area east of the substation fence was recently used as a work pad for the 667 Line rebuild project and is graveled. The proposed staging areas along the main substation access road were used for the rebuild work on the 690 Line. No tree removal will be required to establish the proposed staging/laydown areas.

The primary staging/laydown area east of the substation eastern fence would be used for temporary office or storage trailers; staging construction materials, equipment, tools, fuel, and supplies; and for vehicle parking and portable sanitary facilities. Equipment refueling also may be performed at the staging/laydown area. The other staging areas are expected to be used for vehicle/equipment parking and temporary materials storage, as needed.

The existing substation equipment that will be removed from the substation may be disassembled and temporarily stored within the substation or at the designated on-site staging/laydown areas, pending proper off-site recycling or disposal (refer also to Section 4.7) In addition, Eversource

⁶ Salisbury Substation has an existing mobile position and related equipment (e.g., junction box with protection relays).

will use, as appropriate for different construction tasks, available space within the fenced portion of the substation to stage equipment and temporarily store supplies and materials.

4.2 Soil Erosion and Sediment (“E&S”) Controls

The construction of the substation modifications would conform to best management practices for E&S control, including those provided in the *2002 Connecticut Guidelines for Soil Erosion and Sediment Control* (“*Connecticut Guidelines*”), *2004 Connecticut Stormwater Quality Manual*, and Eversource’s BMPs. Typical temporary E&S control measures that may be used during the Project construction include, but are not limited to, straw bales, silt fencing, and gravel anti-tracking pads.

At the initiation of Project construction, silt fence would be installed along the portion of the existing substation access road that is adjacent to a wetland and associated stream (refer to the aerial map in Attachment A and to the discussion in Section 5.4). Silt fence also would be installed, as needed and in accordance with Eversource’s BMPs, around areas of soil disturbance to avoid the potential for sediment to migrate outside of work areas.

Temporary E&S control measures would be maintained and inspected for the duration of the Project to ensure their integrity and effectiveness and for conformance to the BMPs. After the completion of the substation modifications, seeding and mulching would be used to permanently stabilize areas outside the substation fence disturbed by the work. Temporary E&S control measures would remain in place until the Project work is complete and all disturbed areas have been deemed restored and stabilized. Within the Salisbury Substation fence, areas disturbed by Project construction would be stabilized with gravel, as necessary.

4.3 Access

Access to Salisbury Substation would be via existing the public road network, as well as the existing main substation access road and the extension of the access road that is aligned along the southern / eastern substation fence line, leading to the existing gate in the eastern substation fence. The proposed Project access is illustrated on the Attachment A map.

4.4 Vegetation Removal

Approximately 0.07 acre of herbaceous and shrub vegetation will be removed along the northern portion of the existing substation fence, as required to accommodate the substation yard expansion.

Dead trees and log debris would also be removed from this area. Trees adjacent to the expanded fence would be trimmed, if needed. In addition, existing shrub and herbaceous vegetation may be mowed or otherwise removed along the existing substation access road and at the proposed staging/laydown areas.

Vegetation removal would be accomplished using appropriate mechanical methods and typically would require the use of standard equipment (e.g., brush hogs, chain saws, bucket trucks for canopy trimming, woodchippers, log trucks, and chip vans). Eversource would conduct vegetation removal activities in accordance with its BMPs.

4.5 Site Preparation and Equipment Removal and Installation

After vegetation is removed, the proposed expanded substation yard area would be graded (leveled) to match the gradient of the existing substation yard. The expanded yard area would then be graveled. After the expanded substation yard area is prepared, Eversource would remove the existing transformer and related equipment, as well as the spare transformer, and install the new transformer and associated equipment. All equipment removal and installation activities would be performed within the fenced substation area. A mobile transformer and mobile circuit switcher would be brought to the Project site and temporarily used to maintain service during the transformer replacement process.

4.7 Materials and Waste Management

The old substation equipment, including the spare transformer, and construction debris may be temporarily stockpiled at the Project staging/laydown areas prior to ultimate off-site disposition. All such materials would be reclaimed/recycled through Eversource's Investment Recovery System or managed and disposed of in accordance with Eversource's BMPs and applicable regulations. Excess soil, if any, would be managed in accordance with the BMPs, applicable regulations, and disposal facility policies. Dewatering, if required during construction, would be conducted in accordance with the *Connecticut Guidelines*, the Company BMPs, and applicable regulations.

4.8 Substation Security Measures and Lighting

During construction, Eversource will maintain the security of the substation, keeping the existing gates locked when work is not in progress. The minor expansion of the substation fence will not require changes to the substation security. The existing substation lighting will remain.

5. Existing Environment, Environmental Effects, and Mitigation

The Project construction would be performed entirely within Eversource's existing property and would not have a substantial adverse environmental effect, for the reasons explained below.

5.1 Land Use

Salisbury Substation is located in the southwest portion of the Town of Salisbury, adjacent to the town boundary with Sharon. Lands in the vicinity are rural, with residential uses on large lots, and undeveloped areas characterized by forests and fields. The Project would not impact adjacent land uses.

5.2 Vegetation Removal

Outside of the substation fenced area (which is graveled), the vegetation on Eversource's substation property consists mostly of a mix of open fields/shrubland, which is managed along the 690 and 667 lines rights of way in accordance with Eversource's cyclic vegetation management program to maintain conformance with overhead transmission line clearance requirements. In addition, some wooded areas are found principally along the north and south property boundaries.

The proposed substation yard expansion will require the permanent removal of 0.07 acre of herbaceous and shrub vegetation, located adjacent to the northern portion of the substation, as required to expand the substation fenced area. Except for limited mowing, as may be required along the existing on-site access road, no vegetation will be removed along the southern Eversource property boundary.

5.3 Scenic, Recreational, and Cultural Resources

The Project would not have any adverse effect on scenic, recreational, or cultural resources. Salisbury Substation is not located near any designed recreational or scenic resources, any locally or state designated scenic roadways,⁷ or any public open space or Connecticut Blue-blazed hiking trails or other known trail systems.

⁷ Connecticut Department of Transportation (CT DOT), Connecticut State Scenic Roads, Interactive Map. Accessed January 17, 2023. <https://connecticut-ctdot.opendata.arcgis.com/apps/scenic-roads-interactive-map/explore>

A cultural (archaeological and historical) resource review of the proposed Project area was conducted by Heritage Consultants, LLC (“Heritage”) in January 2023. This analysis consisted of a Phase 1A assessment of previously recorded cultural resources on file with the Connecticut State Historic Preservation Office (“SHPO”), as well as analyses of GIS data, aerial photography, and topographic maps.

Based on this review, Heritage determined that there are no previously identified archaeological sites or National Register of Historic Places (“NRHP”) or State Register of Historic Places (“SRHP”) listed historic properties or districts on or within 0.5 mile of the proposed Project. Heritage also determined that all the proposed Project work areas (e.g., substation fence expansion, access road, staging/laydown areas) have been modified by the initial establishment of the substation or previous transmission line work and, as a result, no longer retain any potential to yield intact cultural deposits. Consequently, Heritage concluded that archaeological testing (Phase 1B) was not required for the proposed Project.⁸

5.4 Water Resources

Eversource’s Salisbury Substation property consists predominantly of uplands and is not located within any 100- or 500-year floodplains as designated by the Federal Emergency Management Agency (“FEMA”) or Aquifer Protection Areas (“APAs”) as mapped by the Connecticut Department of Energy and Environmental Protection (“CT DEEP”). The property is not situated within a public water supply watershed and no public water supply wells are located nearby.

In September 2022, Eversource conducted a field survey, using standard methods, to identify and delineate water resources on the Salisbury Substation property. The field survey verified the results of prior surveys conducted for the 667 and 690 transmission line rebuild work, determining that:

- One wetland (W1) is located on either side of the substation access road. This wetland is characterized primarily by Palustrine Scrub-Shrub (“PSS”) vegetation, as defined by the National Wetland Inventory (“NWI”) classification system. Some areas of Palustrine Emergent Marsh (“PEM”) vegetation are also found in the wetland.

⁸ Heritage concluded that a Phase 1B survey (shovel testing) would be recommended if Project plans were to change from the current design prior to the performance of work.

- One intermittent stream (S1) extends through wetland W1, passing under the substation access road via a culvert.

The Attachment A maps illustrate the locations of wetland W1 and stream S1. No vernal pools or other water resources (e.g., ponds) are located on the substation property.

The substation fenced area expansion is in an upland area. No Project work would be performed in the immediate vicinity of wetland W1 or stream S1. Eversource would require its substation contractor to install temporary E&S controls adjacent to the existing access road near wetland W1 and stream S1 and to adhere to Eversource's BMPs for work near these water resources. In addition, to protect water quality in the Project area, Eversource would require its contractor to employ BMPs for the proper storage, secondary containment, and handling of diesel fuel, motor oil, grease and other lubricants.

5.5 Wildlife and Habitat

The existing substation yard is graveled and does not provide wildlife habitat. However, the surrounding Eversource property consists of low-growing vegetation in the vicinity of the 667 and 690 lines, bordered by wooded areas. This vegetation provides habitat for a variety of early successional dependent species, which rely on old fields, meadows, or shrublands, as well as for species that live on the edges of forested areas.

The Project area does not overlap any Natural Diversity Database ("NDDB") polygons. Therefore, no consultations with NDDB were initiated for the Project. Similarly, consultation with the U.S. Fish & Wildlife Service ("USFWS") was not required because the Project would not affect any federally regulated resources (e.g., wetlands, watercourses).

5.6 Visual Effects

The proposed Project would involve replacing the existing transformer and associated equipment with similar equipment. The height and appearance of the new transformer and other equipment would not significantly change the appearance of the substation, the western boundary of which is set back from Indian Mountain Road by approximately 600 feet.

Moreover, the substation is located in a comparatively remote area, with vegetation screening along the Eversource property boundaries. In addition, the 667 and 690 line monopoles near the substation, which are substantially taller (at 79 feet and 106 feet) than the replacement

transformer and related equipment, are the more dominant elements of the immediate landscape. As a result, the substation modifications would not result in a significant change to the existing visual character in the Project area.

5.7 Noise

The construction of the Project would result in short-term and localized noise, as is typical of similar construction projects. The temporary increase in noise would likely raise localized ambient sound levels immediately near the Eversource property due to the operation of standard types of construction equipment (e.g., backhoe, bulldozer, crane, trucks).⁹

Once in service, the modifications to Salisbury Substation are not expected to have a significant adverse effect on ambient noise levels. The new 115- /69-kV transformer will be larger than the existing transformer. However, compared to the 70-year-old existing transformer, the new transformer' modern design will minimize sound emissions. Because noise from the new transformer will conform to Connecticut noise regulations, no additional noise control will be necessary. In addition, the existing forest buffers along and in the vicinity of the Eversource property will remain and will continue to serve to attenuate noise.

With the new transformer, sound-pressure levels at all points along the Eversource property line would continue to conform to Connecticut noise limits as defined in the Regulations of Connecticut State Agencies ("RCSA") Section 22a-69-1 et seq.

5.8 Air Quality

Short-term, localized and minor effects on air quality may result from the Project construction work, primarily from fugitive dust and equipment emissions. To minimize the amount of dust generated by construction activities, Eversource proposes to use water as needed to wet disturbed soils. Vehicle emissions will be limited by requiring contractors to properly maintain construction equipment and vehicles, and by minimizing the idling time of equipment and vehicles, including diesel construction equipment, in accordance with Connecticut regulatory requirements¹⁰.

⁹ Construction noise is exempted under the Connecticut regulations for the control of noise, RCSA 22a-69-1.8(g).

¹⁰ RCSA Section 22a-174-18(b)(3)(C) prohibits the idling of motor vehicles for more than three consecutive minutes when not in motion with limited exceptions.

5.9 Radio and Television Interference

The Project will not cause an increase in radio or television interference.

5.10 Electric and Magnetic Fields

The proposed transformer replacement would not result in any changes to the electric and magnetic fields at Eversource's property boundary.

6. Construction Access and Traffic Management

Access to Salisbury Substation would be via public roads to Indian Mountain Road to the existing substation access road. Project-related traffic would be temporary and highly localized to the vicinity of the substation.

Except for the delivery of the new transformer to the substation site and the removal of the two existing transformers (i.e., the transformer being replaced and the spare), which would require an oversize vehicle and large crane, the Project-related traffic movements are not expected to significantly affect transportation patterns or levels of service on public roads. The delivery of the transformer would be scheduled, if possible, to minimize temporary impacts to traffic while adhering to state heavy load permits.

To safely move construction vehicles and equipment to the Project site while minimizing disruptions to vehicular traffic along public roads, Eversource or its Project contractor would work with the towns of Salisbury and Sharon, as appropriate, to develop and implement traffic management procedures, as needed. The construction contractor will be responsible for posting and maintaining construction warning signs along public roads near the Project site and for coordinating the use of flaggers or police personnel to direct traffic, as necessary.

7. Construction Schedule and Work Hours

Eversource proposes to begin Project construction in October 2023. The anticipated in-service date for the Project modifications is May 2024.

Typical construction hours would be Monday through Saturday from 7:00 AM to 7:00 PM. Workers may arrive for and leave work at the substation outside of these standard times to attend

pre- and post-workday meetings. However, no noisy construction activities would be performed before or after the standard work hours without the prior approval of the Council.

Sunday work hours or evening work hours past 7:00 PM may be necessary due to delays caused by unforeseen circumstances, inclement weather, and/or outage constraints. In addition, extended hours (including some 24/7 activities) are expected to be required to complete testing and commissioning within the substation during scheduled outages. If extended or Sunday work shifts are necessary, Eversource would seek approval in advance from the Council and will provide advance notice to the towns and abutters.

8. Permits and Approvals

Other than the requested Council ruling, the proposed Project will not require any State or Federal approvals.¹¹

9. Municipal and Property Owner Outreach

In April 2023, Eversource briefed municipal officials of the towns of Salisbury and Sharon concerning the proposed Project. Eversource also conducted outreach to the owners of property abutting and across Indian Mountain Road from the substation.

In conjunction with the submission of this Petition, the municipalities and abutting property owners were notified, in writing, of the filing with the CSC and were given information regarding how to obtain additional Project materials, as well as how to submit comments to the Council (refer to Attachment C: Letter to the Abutters and Affidavit of Service). To date, Eversource has not received any comments regarding the Project from municipal officials. Eversource has received comments and concerns from an abutter on Indian Mountain Road. The property owner's comments were addressed in an on-site meeting, during which Eversource representatives reviewed the Project's need, scope, schedule, and requirement for the substation fence expansion. The Eversource team reviewed the location of the expanded substation fence line and discussed with the property owner potential visual mitigation options, such as a secondary fence that would blend into the surroundings.

¹¹ The Project will not disturb more than 1 acre of soil and thus will not require a CT DEEP General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities (DEEP-WAPED-GP-015).

Eversource representatives will continue to maintain contact with adjacent property owners to provide advance notification regarding the start of Project construction activities, to provide updates regarding Project construction (including through restoration), and to respond to any inquiries or concerns.

10. Conclusion

Section 16-50k(a) of the C.G.S. provides that a Certificate of Environmental Compatibility and Public Need is needed for proposed modifications of a facility that the Council determines would have a “substantial adverse environmental effect.” Eversource respectfully submits that the proposed transformer replacement at Salisbury Substation would neither result in a substantial adverse effect on the environment nor damage existing scenic, historical or recreational values. Accordingly, Eversource requests that the Council issue a Declaratory Ruling that the proposed Project would have no substantial adverse environmental effect and, therefore, no Certificate is required.

11. Communications regarding this Petition for a Declaratory Ruling should be directed to:

Deborah Denfeld
Team Lead – Transmission Siting
Eversource Energy
PO Box 270
Hartford, CT 06141-0270
Telephone: (860) 728-4654



By: _____

Deborah Denfeld
Team Lead– Transmission Siting

List of Attachments

Attachment A: Salisbury Substation - Aerial Map
Attachment B: Salisbury Substation - General Arrangement Plan and Sections
Attachment C: Letter to the Abutters and Affidavit

Attachment A

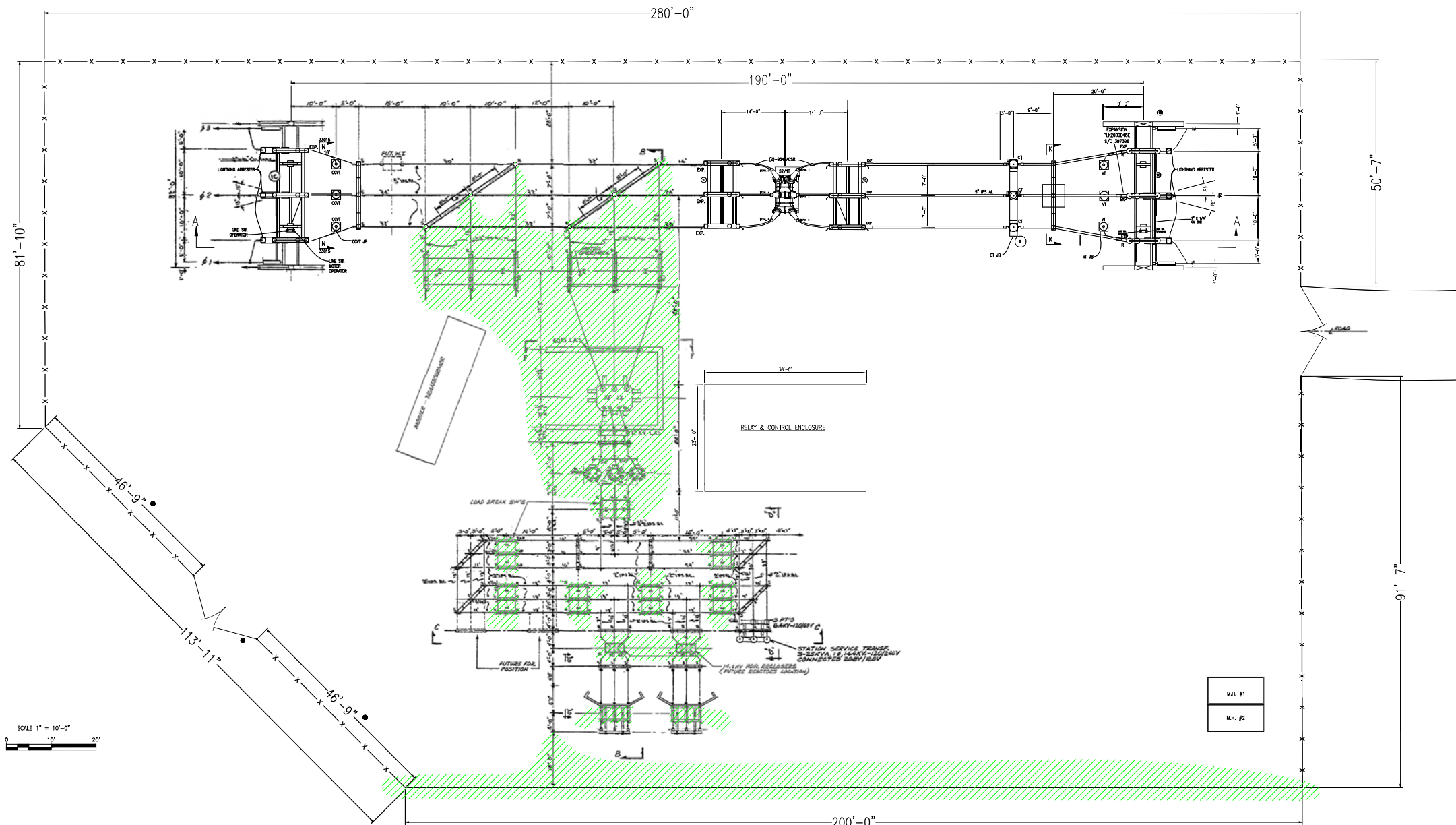
Salisbury Substation Aerial Map

Attachment B

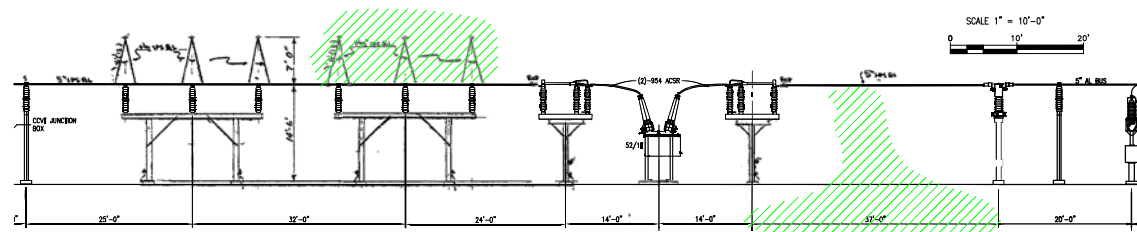
Salisbury Substation General Arrangement Plan and Sections



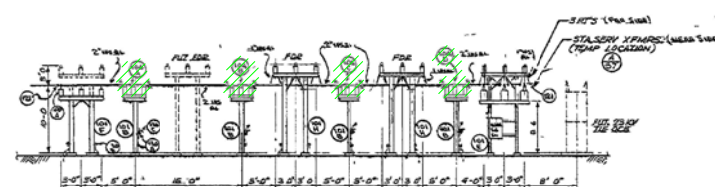
TITLE		SALISBURY 21J PLAN & SECTION VIEW CONNECTICUT SITING COUNCIL SALISBURY, CT			
BY	WAD	CHD	APP	EFJ	APP
DATE	7/12/13	DATE	DATE	4/6/73	DATE
H-SCALE	NTS	SIZE	SHEET BOOK & PAGES		
V-SCALE	NTS	TOL	DSC. DWG		
S.E. PROJ. NUMBER			DWG. NO. 22203-92001		



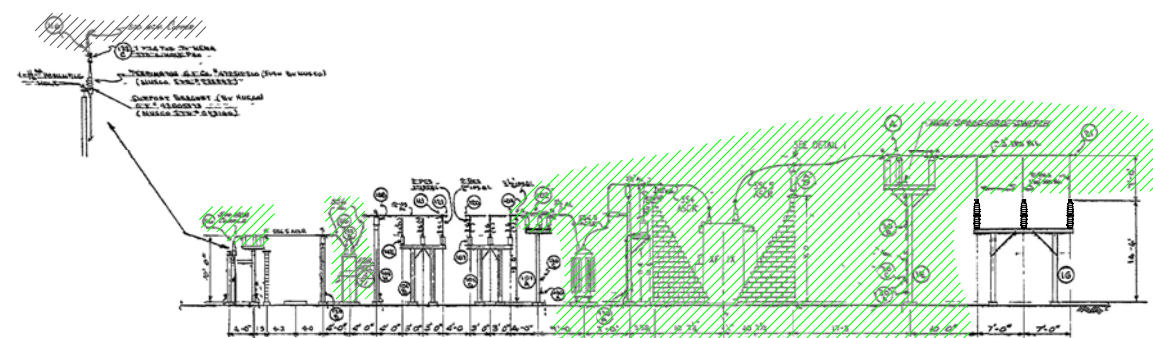
PLAN VIEW



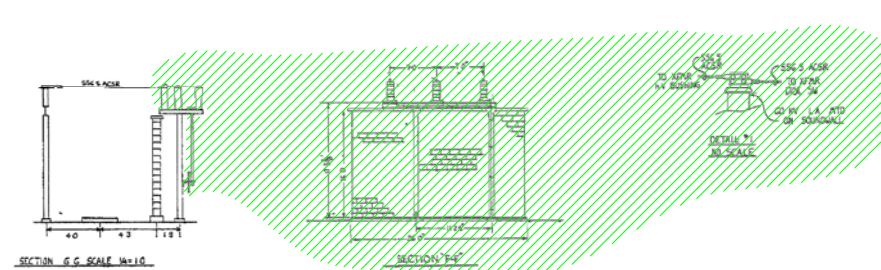
SECTION A-A



SECTION C-C



SECTION B-B



SECTION D-D

LEGEND

- EXISTING FENCE
- PROPOSED REMOVALS
- APPROXIMATE GATE LOCATION

2023 REMOVAL

EVERSOURCE ENERGY

SALISBURY 21J
PLAN & SECTION VIEW
CONNECTICUT SITING COUNCIL
SALISBURY, CT

DATE	WAD	DATE	DATE	DATE	DATE
7/12/13			4/6/13		
NTS	NTS	NTS	NTS	NTS	NTS
NTS	NTS	NTS	NTS	NTS	NTS

REF. PROJ. NUMBER: 22203-92001

Attachment C

Letter to the Abutters and Affidavit



P.O. Box 270
Hartford, CT 06141-0270

May 18, 2023

Dear Neighbor,

At Eversource, we are always working to serve you better. Maintaining infrastructure is one of the many ways Eversource supports the safe and secure transmission of electricity throughout the region. Accordingly, we are submitting a petition to the Connecticut Siting Council (CSC) for a proposed substation improvement project in your area.

Proposed Project Information

The proposed project consists of modifications to the Salisbury Substation located on Eversource property at 316 Indian Mountain Road in the Town of Salisbury. The proposed substation equipment upgrades include the replacement of a transformer and associated equipment with a new transformer, circuit breakers, and switchgear.

To accommodate the upgraded equipment, Eversource proposes to expand the existing substation fence approximately 15 feet to the north, increasing the size of the fenced substation yard on Eversource property by less than 0.07 acre. All project work will be conducted on Eversource property.

This proposed work is necessary to ensure the continued reliability, safety and security of the transmission of electricity throughout the region. If the CSC approves the proposed project, construction is expected to begin in the Fall of 2023 and conclude by the Summer 2024, including restoration.

Contact Information

Eversource is committed to being a good neighbor and doing our work with respect for you and your property. For more information, please call our Projects Hotline at 1-800-793-2202 or send an email to ProjectInfo@eversource.com.

If you would like to send comments regarding Eversource's Petition to the CSC, please send them via email to siting.council@ct.gov or send a letter to the following address: Melanie Bachman, Executive Director, Connecticut Siting Council, Ten Franklin Square, New Britain, CT 06051.

Sincerely,

Lubor Stonawski

Lubor Stonawski
Project Manager – Eversource Energy

AFFIDAVIT OF SERVICE OF NOTICE

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

Sec. 16-50j-40 of the Regulations of Connecticut State Agencies ("RCSA") provides that proof of notice to the affected municipalities, property owners and abutters shall be submitted with a petition for declaratory ruling to the Connecticut Siting Council. In accordance with that RCSA section, I hereby certify that I caused notice of The Connecticut Light and Power Company doing business as Eversource Energy's proposed modifications to Salisbury Substation to be served by mail upon the following municipal officials:

Municipal Officials:

Curtis G. Rand
First Selectman
Town of Salisbury
27 Main Street
Salisbury, CT 06068

Brent Colley
First Selectman
Town of Sharon
63 Main Street
Sharon, CT 06069

I also certify that I caused notice of the proposed modifications to be served by mail upon six owners of abutting properties shown on the map in Attachment A to the Petition.



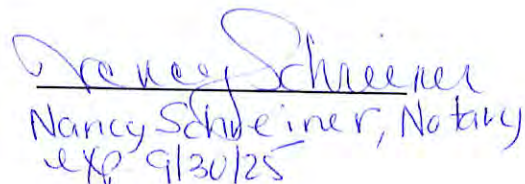
Louise F. Mango
Project Siting Specialist

CTDL 186400297



On this the 18th day of May 2023, before me, the undersigned representative, personally appeared, Louise F. Mango, known to me (or satisfactorily proven) to be the person whose name is subscribed to the foregoing instrument and acknowledged that she executed the same for the purposes therein contained.

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



Nancy Schreiner, Notary
exp 9/30/25