

**THE STATE OF NEW HAMPSHIRE
BEFORE THE
DEPARTMENT OF ENERGY**

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
d/b/a EVERSOURCE ENERGY**

CR No. 2024-014

**APPLICATION OF PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A
EVERSOURCE ENERGY FOR A LICENSE TO CONSTRUCT AND MAINTAIN
ELECTRIC LINES OVER AND ACROSS STATE-OWNED LAND AND PUBLIC
WATER IN TILTON, BELMONT AND LACONIA, NEW HAMPSHIRE**

Pursuant to RSA 371:17, Public Service Company of New Hampshire d/b/a Eversource Energy (“Eversource” or “the Company”), a public utility engaged in the transmission, distribution and sale of electricity in the State of New Hampshire, hereby submits an application to the Department of Energy (“Department”), for a license to construct and maintain electric lines over State-owned land and public water in Tilton, Belmont, and Laconia, New Hampshire. In support of this application Eversource states as follows:

1. In order to meet the requirements for reasonable service to the public, Eversource has previously constructed and currently operates and maintains poles supporting the following wires over state-owned land and public waters in the locations that are the subject of this application: an overhead 115 kV electrical transmission lines, designated as the Eversource J125 Line; an underbuilt 34.5 kV electric distribution line, designated as the Eversource 3548 Line; and then an underbuilt 34.5 kV electric distribution line, designated as the Eversource 337 Line. The J125 Line was built in 2002 and runs between Webster Substation in Franklin and Laconia Substation in Laconia. The 3548 and 337 Lines were in existence at the time the J125 Line was constructed and were incorporated onto the new J125 structures in an underbuilt, double circuited configuration. State-owned lands are crossed between J125/3548 Structures 60 and 63, J125/337 Structures 81 and 82, J125/337 Structures 90 to 93, J125/337 Structures 138 to Structure 337/227. The State-owned land crossings were not previously licensed owing to an apparent oversight and this

application seeks to fully license the crossings. Public water is crossed between Pole 337/91Y and J125/337 Structure 92 and was previously licensed under Order # 24,271 (DE 02-205).

2. As part of its ongoing asset condition inspection program, Eversource determined that the existing original wooden structures need to be replaced. J125/3548 Structures 61 to 63, J125/337 Structure 81, Structures 90 to 93 and Structures 138 to 141 will be replaced with weathering steel equivalents having similar design to the existing wood structures and will be located within 10' of the existing structure locations. J125/337 Structure 82 is an existing steel structure that was installed in 2002 and is the subject of this application to be licensed as a result. . The J125 Line's existing three conductors and single OPGW wire, having the specifications indicated on the Cable Schedule of Exhibit 2 through 10, and the 3548 Line's six conductors and single neutral wire, having the specifications indicated on the Cable Schedule of exhibit 2, and the 3548 Line's three conductors and single neutral wire, having the specifications indicated on the Cable Schedule of exhibit 3 to 4 and the 337 Line's three conductors and single neutral wire, having the specifications indicated on the Cable Schedule of Exhibit 5 through 10 shall all remain unchanged and will be relocated to the new replacement structures.

3. The location of the State-owned land and public waterbody crossings, which are the subject of this application, are depicted on the Overview Map attached hereto as Exhibit 1 and a more detailed location description is as follows:

Exhibit 2 to 4 – The J125/3548 Line crosses State-owned land, administered by the Department of Transportation (NHDOT), in the town of Tilton, between Structures 60 to 63. The crossing commences approximately 1,915 feet southeast from where the J125/3548 Line crosses School Street, which is approximately 480 feet southwest from the intersection for School Street and Country Meadows Drive. The span extends northeast approximately 1,025 feet to the property boundary of the subject parcel and the Limited Access Right of Way (LAROW) associated with west side of the I-93 corridor.

Exhibit 5 – The J125/337 Line crosses State-owned land administered by NHDOT comprising an active railroad, in the Town of Tilton between Structures 81 and 82. The crossing commences approximately 643 feet northeast from where the J125/337 Line crosses Laconia Road, which is at the intersection of Laconia Road and Noyes Road in the

Town of Tilton. The span extends approximately 116 feet northeast to the property boundary of Map 21, Lot 20.

Exhibit 6 to 8 – The J125/337 Line crosses State-owned land, administered by Department of Environmental Services (NHDES), in the Town of Tilton between Structures 90 and 93. The crossing commences approximately 585 feet northeast from where the J125 Line crosses Ashuelot Drive, which is approximately 230 feet northeast from the intersection of Ashuelot Drive and Canaan Way. The span extends approximately 393 feet northeast where it crosses over Silver Lake Road to where the State-owned crossing continues from the northeast side of Silver Lake Road and extends approximately 143 feet to where the Line meets the west bank of the Winnepesaukee River. From the boundary of State-owned Land Map 21, Lot 6 in the town of Tilton and the Winnepesaukee River, the J125/337 Line extends northeast over the public-waterbody northeast approximately 144 feet to the boundary of a third State-owned Land located in the Town of Belmont being Map 117, Lot 5. The J125/337 Line crosses the State-owned Land Map 117, Lot 5, from the boundary of the east bank of the Winnepesaukee River and the State-owned land Map 117, Lot 5, and extends northeast approximately 83 feet to the property boundary of Map 117, Lot 6 in the Town of Belmont.

Exhibit 9 to 10 – The J125/337 Line crosses State-owned land, administered by the Community College System of NH (CCSNH), in the Town of Belmont and Laconia between Structures 138 and Structure 337/227. The crossing commences approximately 1,500 feet northeast from where the J125 Line crosses Bishop Road, which is approximately 135 feet southeast from the intersection of Bishop Road and Mile Hill Road in the Town of Belmont. The span extends approximately 1,201 feet northeast to the property boundary with Map 483, Block 349, Lot 3 in the Town of Laconia.

4. Wire specifications and loading conditions to establish maximum sag for the crossing spans that are the subject of this application are as indicated in the Profile View and Cable Schedule of Exhibit 2 through 10.

5. The location of structures and max sag conditions creates the following crossing span:

- (a) State-owned Land: Tilton Map R18 Lot 16 (Exhibit 2 to 4)
 - i. Structures: Structure 60 to Structure 63
 - ii. Structure Span (ft): 1,613.4
 - iii. State-owned land Span (ft): 1,024.8

- (b) State-owned Land: Tilton Map UO4, Lot 73 (Exhibit 5)
 - i. Structures: Structure 81 to Structure 82

- ii. Structure Span (ft): 488.8
 - iii. State-owned land Span (ft): 116
- (c) State-owned Land: Tilton Map R21, Lot 7; Map R21, Lot 6; Belmont Map 117, Lot 5 (Exhibit 6 to 8)
- i. Structures: Structure 90 to Structure 93
 - ii. Structure Span (ft): 1,486.1
 - iii. State-owned land Span (ft): 620.1
- (d) Public Waterbody: Winnepesaukee River (Exhibit 7)
- i. Structures: Structure 337/91Y to Structure 92
 - ii. Structure Span (ft): 300.1
 - iii. Winnepesaukee River Span (ft): 144.3
- (e) State-owned Land: Laconia Map 490, Block 303, Lot 5 (Exhibit 9 to 10)
- i. Structures: Structure 138 to Structure 337/227
 - ii. Structure Span (ft): 1,815.1
 - iii. State-owned land Span (ft): 1,202.6

6. All conductors and wires have been drawn on Exhibit 2 through 10 to show the minimum clearance at maximum sag conditions in reference to the State-owned land and public waterbody crossings. The flood elevation data on which the public waterbody clearance is measured is as noted in Note 3 of Exhibit 7.

7. Eversource will maintain and operate the clearances of the crossings at a height no less than what is required by the 2023 National Electrical Safety Code (NESC, Table 232-1) which is: 15.5' for neutral wires and 18.5' for 34.5 kV wires over other areas traversed by vehicles such as cultivated, grazing, forest and orchard lands, industrial sites, commercial sites in respect to the State-owned land crossing between J125/3548 Structures 60 and 63 (Exhibit 2 to 4) and J125/377 Structures 90 to 93 (Exhibit 6 to 8) and J125/337 Structures 138 to 337/227 (Exhibits 9 to 10); 23.5' for neutral wires over top of track rail in respect to the State-owned land crossing between J125/377 Structures 81 and 82 (Exhibit 5); 14' for neutral wires over water areas not suitable for sailboating or where sailboating is prohibited in respect to the crossing of the Winnepesaukee River (Exhibit 7). The actual minimum height over State-owned lands and the public waterbody is depicted on the attached Exhibit 2 through 10 and exceeds the respective minimum requirement.

8. A New Hampshire Department of Environmental Services (NHDES) Standard Dredge and Fill permit (SDF) will be required for temporary and permanent impacts associated the structure replacements described in this application. A NHDES SDF and Shoreland Permit by Notification (PBN) applications have been submitted and permits received (NHDES SDF Permit #2024-00681, and Shoreland PBN 2024-03048, 2024-03049, and 2024-03050).

9. The U.S. Army Corps of Engineers (ACOE) does not have jurisdiction over the Winnepesaukee River as navigable waters. As a result, a crossing permit from ACOE is not required.

10. The structure replacement work will be accomplished within existing right-of-way easements thereby mitigating impacts and potential objections of property owners affected by the project scope. Traffic control flaggers or Police Detail will be used to monitor the construction at the State-owned land crossing and guard structures used during the wire transfer over the public waterbody to ensure work areas are safe and clear of pedestrians as an added precaution to ensure the public's safety.

11. Eversource submits that the license applied for herein is necessary in order to meet the reasonable requirements of service to the public owing to the degraded condition of the existing wood structures to be replaced and taking into account Eversource's tariff obligations for providing safe and reliable electric service and applicable North American Electric Reliability Corporation (NERC) reliability standards. This important transmission system maintenance project may be exercised without substantially affecting the use and enjoyment of the State-owned land and public waters because safety precautions and safe clearances will be maintained at all times.

WHEREFORE, Eversource respectfully requests that the Department:

1. Find that the license application for herein may be exercised without substantially affecting the public rights in the State-owned lands and public waterbody crossing which are the subject of this application; and

2. Grant Eversource a license to construct and maintain electric lines over and across State-owned lands and public water crossing described in this application.

Dated at Manchester, New Hampshire this 27th day of January, 2025.

Respectfully submitted,
PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
D/B/A EVERSOURCE ENERGY
By Its Attorney

A handwritten signature in black ink, appearing to read "Erik R. Newman".

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