

STATE OF NEW HAMPSHIRE DEPARTMENT OF ENERGY

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
D/B/A EVERSOURCE ENERGY**

LICENSE NO. CRE 2025-001

April 24, 2025

**Application for License to Construct and Maintain Electric Lines
Over and Across Public Waters and State-Owned Land in Manchester and Londonderry**

This license is granted to Public Service Company of New Hampshire d/b/a Eversource Energy (Eversource) to construct and maintain its I158 Line, an existing three phase 115kV electric transmission line, to the extent that it extends over and across public waters and land owned by the State of New Hampshire in Manchester and Londonderry, all as described in its application and depicted in its filings, and as specified in the Enforcement Division's recommendation. The I158 Line was not previously licensed.

I. BACKGROUND

On January 22, 2025, Eversource filed an application with the N.H. Department of Energy (Department), pursuant to RSA 371:17, requesting a license to construct and maintain its I158 Line, an existing three phase 115kV electric transmission line, to the extent that it extends over and across public waters in Manchester and State-owned land in Londonderry, all as described in its application and depicted in its filings. On April 24, 2025, the Department's Enforcement Division Staff filed a recommendation that the application be approved, and a license granted, based on the application filings, applicable statutes, rules, NESC requirements, and land ownership, as well as public need, safety, and impact. The application and subsequent docket filings are posted to the Department's website (energy.nh.gov) at [Utility Crossings Over State Lands and Public Waters | NH Department of Energy](#).

II. SUMMARY OF LICENSE

A. Crossing Locations and Construction

This license pertains to Eversource's I158 Line, which is a three phase 115kV overhead electric transmission line that extends over and across public waters of Cohas Brook in Manchester, and land owned by the State of New Hampshire and administered by the Department of Transportation (NHDOT) in Londonderry. The Eversource I158 line was originally built in 2002.

Eversource requested that the Department issue a license for the purpose of replacing laminated wood structures with weathering steel structures and the transfer of three existing conductors and one of two existing shield wires. The second shield wire is being replaced with an OPGW installation on the I158 Line.

The scope of this project requires a license for two State-owned land crossings and a public water crossing. The first land crossing begins in Londonderry, near Structure #17. Structure #17 is located approximately 4,050 feet southeast from where the I158 Line crosses Liberty Drive. The I158 Line crosses Liberty Drive approximately 1,400 feet northward from the intersection of Liberty Drive and Independence Drive. The span travels northwest approximately 750 feet from Structure #17 to Structure #19. Approximately 358 feet of that span crosses over State-owned land. From Structure #17, the crossing of State-owned land begins approximately 152 feet northwest. The crossing ends approximately 358 feet northwest from Structure #17.

The second land crossing begins in Londonderry, near Structure #34. Structure #34 is located approximately 200 feet southeast from where the I158 Line crosses Route 93 North. The I158 Line crosses Route 93 North approximately 2,100 feet north from where Route 93 North crosses Route 28. The span travels northwest approximately 1,658 feet from Structure

#34 to Structure #37. Approximately 642 feet of that span crosses over State-owned land. From structure #34, the crossing of State-owned land begins approximately 680 feet northwest. The crossing ends approximately 1,320 feet northwest from Structure #34.

The public water crossing is in Manchester, near Structure #74. Structure #74 is located approximately 2,600 feet northwest from where the I158 Line crosses Sheffield Road. The I158 Line crosses Sheffield Road approximately 670 feet northeast of the intersection of Sheffield Road and South Willow Street. The span travels northwest approximately 550 feet from Structure #74 to Structure #75. Approximately 45 feet of that span crosses Cohas Brook. From Structure #74, the crossing begins approximately 150 feet northwest. The crossing ends approximately 195 feet northwest of Structure #74.

B. Regulatory Requirements

Eversource is responsible for obtaining any and all other federal, state, or local permits required by authorities having jurisdiction for the construction and installation of the proposed crossing. According to the application, a New Hampshire Department of Environmental Services (NHDES) Standard Dredge and Fill Permit (SDF) is required for temporary and permanent impacts associated with the structure replacements described in this application. A NHDES SDF request was submitted, and a permit was received (NHDES SDF Permit #2024-00707).

The U.S. Army Corps of Engineers (ACOE) does not regulate the subject portion of Cohas Brook as navigable waters. As a result, a crossing permit from ACOE is not required.

C. Property Rights

According to Eversource, abutters to Cohas Brook in Manchester and NHDOT/State-owned land in Londonderry will not be affected by the proposed project, because the crossing structures are being replaced and rebuilt within existing right-of-way easements.

D. Service to the Public and the Effect on Public Rights

According to the application, the existing crossings were constructed, operated, and maintained to meet the reasonable requirements of service to the public. Eversource affirmed that the proposed modifications will continue to meet that public need and will not substantially affect the public's use and enjoyment of the public waters of Cohas Brook in Manchester or the State land parcel in Londonderry.

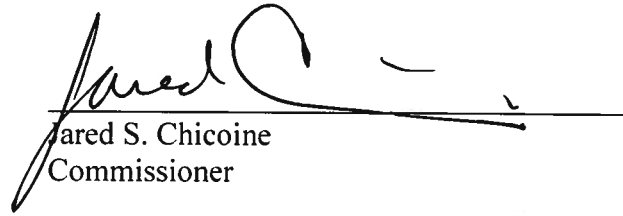
The line modifications are designed and will be constructed and maintained in conformance with N.H. Admin. Rule En 306 and applicable sections of the National Electrical Safety Code (NESC) C2-2023.

The conductor cable clearance requirements were met using the NESC based on the design conditions at 285° F for all crossings within this petition. This scenario was the governing condition, which yielded the greatest sag and lowest clearance

III. DEPARTMENT DECISION

Eversource is authorized pursuant to RSA 371:17, *et seq.*, to construct, install, operate, and maintain electric lines over and across the public waters of Cohas Brook in Manchester and State land in Londonderry, as described in its application and depicted in its filings, and as specified in the Enforcement Division's recommendation. Based on the factual representations set forth in the application and the recommendation, the Department finds that the requested crossing amendments are necessary to meet the reasonable requirements of reliable service to the public, as required by RSA 371:17, and that the requested license may be exercised without substantially affecting public rights in the public waters and subject land at the crossing locations in Manchester and Londonderry, as required for approval under RSA 371:20. Therefore, the application is approved.

By order of the Department of Energy of New Hampshire this 24th day of April 2025.



Jared S. Chicoine
Commissioner

Pursuant to RSA 371:20, applicants and other persons directly affected by the issuance or denial of a license may appeal to the Public Utilities Commission within 30 days of the department's decision.