

STATE OF NEW HAMPSHIRE DEPARTMENT OF ENERGY

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

LICENSE NO. CRE 2023-025

November 27, 2023

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

This license is granted to Public Service Company of New Hampshire d/b/a Eversource Energy (Eversource) to construct and maintain its F162 Line, an existing 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 Goffstown, all as described in its application and depicted in its filings, and as specified in the Enforcement Division's recommendation. An original construction date for the F162 Line was not indicated in the application. However, Eversource maintains that there are easements for the referenced locations dating back to 1967. The line was rebuilt in 2008 and the public water crossings at the Piscataquag River were licensed under DE 07-071, Order No. 24,772 in 2007. The public water crossing at Glen Lake and the adjacent State-owned land crossing were most recently licensed in 2022 under crossing license CRE 2022-21.

I. BACKGROUND

On November 1, 2023, 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 F162 Line, an existing 115kV electric transmission line, to the extent that it extends over and across public waters and State-owned land in Goffstown, all as described in its application and depicted in its filings. On November 21, 2023, 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 F162 Line, which is a 115kV overhead electric transmission line that extends over and across public waters of Glen Lake and the Piscataquag River, and land owned by the State of New Hampshire in Goffstown.

The proposed project for the F162 Line encompasses promptly replacing existing wood structures at the public water and State-owned land crossings so that the line can continue to function safely and reliably. Structures 4, 37, 38, 40, and 41 will be replaced utilizing weathering steel equivalents to be located within 10 feet of the existing structures.

Eversource is currently expanding and reconfiguring the Gregg's Reactor substation. The project will require the removal of Structure 1 on the F162 Line, and the construction of a new internal structure at the west edge of the expanded Gregg's Reactor substation that Eversource has designated as "Structure GR." Structure GR will be the origination point for the F162 Line, and it will be located in closer proximity to Structure 2.

In addition to the substation construction and structure replacement, Eversource is removing an existing static wire and replacing it with a new OPG wire. The existing OPGW and three 1590 kcmil conductors will remain unchanged.

The F162 Line crosses Glen Lake between Structures 3 and 4, which span commences at Structure 3 approximately 708 feet west from the west side of Greggs Substation. The

waterbody crossing extends west approximately 244 feet to the west edge of the Glen Lake, which is on an inlet where Dan Little Brook deposits into Glen Lake along the south shore of Glen Lake.

The proposed structure locations create a total span of 493 feet with 244.7 feet crossing public waters.

The F162 Line crosses the Piscataquag River in the Town of Goffstown between Structures 40 and 41, which span commences at Structure 40 approximately 5,885 feet northwest from where the F162 Line crosses NH Route 13, which is approximately 415 feet west from the intersection of NH Route 13 and Bell Road in Goffstown. The waterbody crossing extends west approximately 48.3 feet to the west bank of the Piscataquag River, which is approximately 450 feet southeast from where the F162 Line crosses NH Route 114 (aka North Mast Road), at the intersection of Parker Road and NH State Route 114.

The proposed structure locations create a total span of 423.5 feet with 48.3 feet crossing public waters.

The F162 Line crosses State-owned land in the Town of Goffstown between the Greggs Substation and Structure 4, which span commences from the take-off structure located at the west side of the Greggs Substation, which is located off Mast Road in Goffstown between the Goffstown Rail Trail Parking Lot and the Greggs Falls Dam/Hydroelectric Station. The State-owned land crossing extends west/southwest approximately 627 feet to the east edge of an inlet where Dan Little Brook deposits into Glen Lake, which is along the south shore of Glen Lake.

The proposed structure locations create a total span of 1,041.3 feet with 627.7 feet crossing State-owned land.

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) Shoreland Permit Notification (PBN) and Statutory Permit by Notification (SPN) are required for temporary impacts associated with the structure replacements and OPGW installation, and prior to the commencement of construction will be obtained for the work planned under this application in relation to temporary impacts associated with the structure replacements.

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

C. Property Rights

According to Eversource, abutters to Glen Lake, the Piscataquag River, and State-owned land in Goffstown will not be affected by the proposed project, because the crossing structures are being replaced and rebuilt within existing right-of-way easements and on Eversource fee-owned property, thereby mitigating impacts and concerns of property owners affected by the project scope.

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

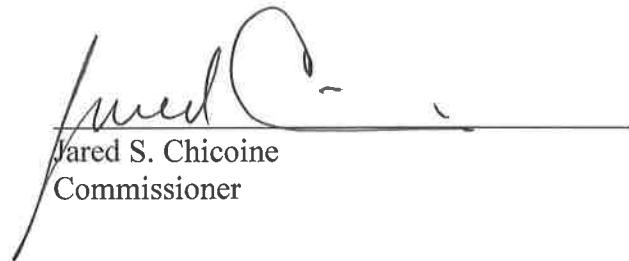
According to the application, the existing crossings were constructed, operated, and maintained to meet the reasonable requirements of service to the public. Eversource affirmed that the proposed modifications will continue to meet that public need and will not substantially affect the public's use and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

The line modifications are designed and will be constructed and maintained in accordance with the 2012 National Electrical Safety Code (NESC). The minimum clearance requirements with respect to ground level and design conditions at 285° F as well as the FEMA 10-year flood level have been met.

II. 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 Glen Lake, the Piscataquag River, and State-owned land in Goffstown, 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 Goffstown, as required for approval under RSA 371:20. Therefore, the application is approved.

By order of the Department of Energy of New Hampshire this 27th day of November 2023.



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.