

STATE OF NEW HAMPSHIRE DEPARTMENT OF ENERGY

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

LICENSE NO. CRE 2022-021

September 13, 2022

**Application for License to Construct and Maintain Electric Lines Over and Across Public
Water and State-Owned Land in Goffstown, New Hampshire**

This license is granted to Public Service Company of New Hampshire d/b/a Eversource Energy (Eversource) to modify and maintain its F162 Line, an existing electric transmission line that extends over and across land owned by the State of New Hampshire and public waters in Goffstown. The public water crossing at Glen Lake that is included in this application was previously licensed in 2007 under DE 07-071 (Order No. 24,772), when the line was re-built. The State-owned land that is the subject of this application has not been previously licensed.

I. BACKGROUND

On August 25, 2022,¹ Eversource filed an application with the N.H. Department of Energy (Department), pursuant to RSA 371:17, requesting a license to modify, reconstruct and maintain its F162 Line, a 115 kV electric transmission line that extends over and across State-owned land and public waters in Goffstown. On September 7, 2022, 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

¹ The Company filed a replacement application on August 31, 2022.

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, a 115 kV electric transmission line that extends over and across land owned by the New Hampshire Department of Transportation (NHDOT) and the public waters of Glen Lake in Goffstown. The F162 Line crosses State-owned land in the town of Goffstown between Structures 1 and 4, commencing approximately 375 feet west from the west side of the Greggs Substation located off Mast Road in Goffstown between the Goffstown Rail Trail Parking Lot and the Greggs Falls Dam/Hydroelectric Station. The State land crossing extends west/southwest approximately 1,000 feet to the east edge of an inlet where Dan Little Brook deposits into Glen Lake along the south shore of Glen Lake.

The F162 Line crosses the public water of Glen Lake in the Town of Goffstown between Structures 3 and 4, which span commences approximately 1,375 feet west from the west side of 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 waterbody crossing extends west approximately 244 feet to the west edge of Glen Lake, which is on an inlet where Dan Little Brook deposits into Glen Lake along the south shore of Glen Lake.

The length of span between Structures 1 and 4 is 1,000 feet and the length of span over and across State-owned land is 629.6 feet. The location of Structures 2 to ADSS/2, in this application creates a total span of 378.9 feet with a span of 148.1 feet crossing State-owned land. The length of span between Structures 3 and 4 is 488 feet and the length of span over and across public water is 244.6 feet.

In addition to the structure replacements, the existing pole top OPGW wire between F162 Structures 1 and 2 is being removed and replaced with an ADSS 96 Fiber wire. The new ADSS wire will be supported by Structure 2 and two new wood poles offset from the F162 Line, shown as Structure ADSS/1 and ADSS/2 in Exhibits 3 and 4 submitted by ES. The three existing phase conductors, the existing static wire and the existing OPGW wire between Structures 2 to 4 at the crossing spans shall remain unchanged while performing the structure replacements.

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, Eversource stated that it will obtain a New Hampshire Department of Environmental Services (NHDES) Shoreland Permit Notification (PBN) for temporary impacts to wetlands associated with the construction and installation of new structures.

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

C. Property Rights

According to Eversource, abutters to the NHDOT land and public waters of Glen Lake 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.

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

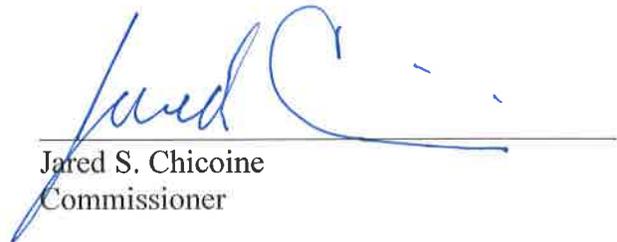
affect the public's use and enjoyment of the State land parcel or the public waters of Glen Lake in Goffstown.

The line modifications are designed and will be constructed and maintained in accordance with the 2012 National Electrical Safety Code (NESC). The clearance requirement with respect to the water crossing was calculated using a 100-year flood level, which is a more conservative analysis than the NESC 10-year flood clearance requirement.

III. DEPARTMENT DECISION

Eversource is authorized, pursuant to RSA 371:17, *et seq.*, to construct, install, operate, and maintain electric lines over and across State land and the public waters of Glen Lake 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 subject land and public waters 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 12th day of September, 2022.



Jared S. Chicoine
Commissioner