

STATE OF NEW HAMPSHIRE DEPARTMENT OF ENERGY

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

LICENSE NO. CRE 2022-018

August 16, 2022

**Petition for License to Construct and Maintain Electric Lines
Over and Across Public Water 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 C196 Line, an existing electric transmission line that extends over and across public water in Goffstown. The public water crossing that is the subject of this petition was previously licensed in 2010 under DE 10-232 (Order No. 25,157) for the addition of optical ground wire (OPGW).

I. BACKGROUND

On July 22, 2022, Eversource filed a petition with the N.H. Department of Energy (Department), pursuant to RSA 371:17, requesting a license to modify, reconstruct and maintain its C196 Line, a 115 kV electric transmission line that extends over and across public water in Goffstown. On July 28, 2022, the Department's Enforcement Division Staff filed a recommendation that the petition be approved, and a license granted, based on the petition filings, applicable statutes, rules, NESC requirements, and land ownership, as well as public need, safety, and impact. The petition 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 C196 Line, a 115 kV electric transmission line that extends over and across public water of Glen Lake in Goffstown. The C196 Line crosses Glen Lake commencing at Structure 143 immediately south from where the C196 Line crosses Elm Street in Goffstown, approximately 325 feet east from the entrance to the Glen Lake School and approximately 400 feet west from the Glen Lake Public Boat Ramp on Elm Street. The waterbody crossing extends south approximately 1,182 feet to Structure 144, where the line turns 90 degrees east into the Greggs Substation, located off Mast Road in Goffstown between the Goffstown Rail Trail Parking Lot and the Greggs Falls Dam/Hydroelectric station.

The length of span between Structures 143 and 144 is 1,182.1 feet and the length of span over and across public water is 932.7 feet.

As part of the Greggs Substation improvements, the existing three 795 ACSR 36/1 conductors will be replaced with 1272 ACSS 54/19 conductors.

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 petition, Eversource stated that it will obtain a New Hampshire Department of Environmental Services (NHDES) Statutory Permit Notification (SPN) for temporary impacts to wetlands associated with the construction and installation of new of structures. A NHDES Shoreland Permit by Notification (PBN) will be obtained for the work planned under this petition in relation to temporary impacts to wetlands, and the shoreland buffer to Glen Lake prior to the commencement of construction.

C. Property Rights

According to Eversource, abutters to 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 petition, 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 Glen Lake in Goffstown.

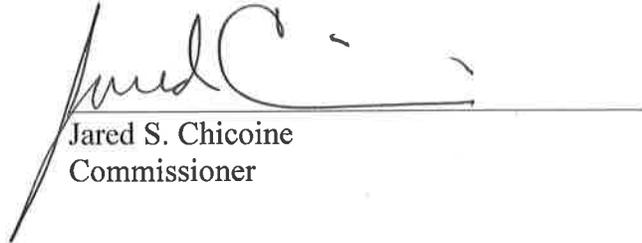
The line modifications are designed and will be constructed and maintained in accordance with the 2012 National Electrical Safety Code (NESC). The clearance requirement with respect to the water crossing was calculated using a 100-year flood level, which is a more conservative analysis than the NESC 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 Glen Lake in Goffstown, as described in its petition and depicted in its filings and as specified in the Enforcement Division's recommendation. Based on the factual representations set forth in the petition 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 public water at the crossing location in Goffstown, as required for approval under RSA 371:20. Therefore, the petition is approved.

We require a copy of this license to be provided to the Town Clerk of Goffstown by first class mail no later than August 18, 2022 with a signed affidavit of compliance filed with the Department no later than 10 days following the issuance of the license.

By order of the Department of Energy of New Hampshire this 16th day of August, 2022.



Jared S. Chicoine
Commissioner