

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

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

**DOCKET No. CR 2024 - 003**

**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 IN LONDONDERRY,  
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 applies to the Department of Energy (“Department”), for a license to construct and maintain electric lines over and across State-owned land in Londonderry, 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 an overhead 345 kV electrical transmission line, designated as the Eversource 380 Line, originally constructed in 1970, over and across State-owned land in Londonderry, New Hampshire. The State-owned land that is the subject of this application was not previously licensed for reasons unknown and perhaps owing to an oversight.

2. As part of its ongoing asset condition inspection program, Eversource determined that one original wood structure at the State-owned land crossing span that is the subject of this application, Structure 5, needs to be replaced to continue to function safely and reliably. Structure 5 will be replaced with a weathering steel equivalent which will be located within 10’ of the original structure location. Structure 4, that is also the subject of this application, was replaced from wood to weathering steel in 2018 and was not licensed at that time owing to an oversight. The 380 Line’s

existing three conductors and two static wires, whose specifications are identified on Exhibit 2, will be unchanged in the course of relocating to the new steel structure.

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

Exhibit 2 – The 380 Line crosses the State-owned land also known as the Londonderry Rail Trail in Londonderry between Structures 4 and 5, which commences approximately 760 feet west from where the 380 Line crosses Rockingham Road (aka NH Route 28), which is approximately 3,350 feet southeast from the intersection of Rockingham Road (aka NH Route 28) and Stonehenge Road in Londonderry. The span continues approximately 96 feet west to the edge of the State-owned property where it abuts Eversource owned property, Map 13, Block 69.

4. Wire specifications and loading condition to establish maximum sag for the crossing span that is the subject of this application are as indicated on the Profile View and Cable Schedule of Exhibit 2.

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

- (a) State-owned Land: Londonderry Map/Lot 013/143 (Exhibit 2)
  - i. Structures: 4 to 5
  - ii. Structure Span (ft): 584.8
  - iii. State-owned Land Span (ft): 95.1

6. All conductors and wires have been drawn on Exhibit 2 to show the minimum clearance at maximum sag conditions in reference to the State-owned land crossing.

7. Eversource will maintain and operate the clearances at the crossing at a height no less than what is required by the 2012 National Electrical Safety Code (NESC, Table 232-1) which is 32.8' for 345 kV conductor over top tracks of railroads in respect to the crossing between Structures 4 and 5 (Exhibit 2). The actual minimum height over the State-owned land is depicted on the attached Exhibit 2 and exceeds the minimum requirement.

8. A New Hampshire Department of Environmental Services (NHDES) wetland statutory permit by notification (SPN) will be required for temporary impacts associated with the wire replacement and will be obtained prior to commencement of construction.

9. The structure replacement work will be accomplished within existing right-of-way easements thereby mitigating impacts and concerns of property owners affected by the project scope. The work will be undertaken in coordination with New Hampshire Dept. of Transportation, which is the owner of record to the rail trail parcel, and construction signage and spotters will be utilized to ensure public safety during the wire transfer from the old wood structure to the new steel structure.

10. Eversource submits that the license application herein may be exercised without substantially affecting the use and enjoyment of the State-owned land because safe clearances will be maintained at all times and appropriate precautions to ensure the safety of recreational users will be undertaken while the maintenance work is performed.

WHEREFORE, Eversource respectfully requests that the Department:

1. Find that the license applied for herein may be exercised without substantially affecting the public rights in the State-owned land crossing which is the subject of this application;
2. Grant Eversource a license to construct and maintain electric lines over and across State-owned land described in this application;

Dated at Manchester, New Hampshire this 19th day of March, 2024.

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



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