

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

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

**DOCKET No. CR 2022 - 010**

**PETITION 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 petitions 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 petition 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 326 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 petition was not previously licensed, either owing to an oversight or because the land at issue was not State owned at the time of the line’s construction.

2. As part of its ongoing asset condition inspection program, Eversource determined that original wood Structures 11 and 13 at the two State owned land crossing spans that are the subject of this petition need to be replaced to continue to function safely and reliably. Those structures will be replaced with weathering steel equivalents that will be located within 10’ of the original structure location. Due to asset condition, Structures 12 and 14 were replaced in 2016 from original wood to weathered steel. The 326’s existing three conductors, single static wires and

single OPGW, whose specifications are identified on Exhibit 2, will be unchanged in the course of relocation to the new steel structures. The location of the State owned land crossing, which is the subject of this petition is depicted on the Overview Map attached hereto as Exhibit 1 and a more detailed location description is as follows:

Exhibit 2 – The 326 Line crosses two State owned land parcels that abut the east and west sides of Interstate 93 between Exit 4 and Exit 5 in Londonderry between Structures 11 through 14. On the east side of Interstate 93, the 326 Line crosses State owned land (Map 013, Lot 057) approximately 3,150 feet west from where the line crosses Route 28 aka Rockingham Road, which is approximately 600 feet northwest from the intersection of Seasons Lane and Route 28. The line continues south-westerly an additional 458 feet across State owned land to the west side of the limited access right-of-way of Interstate 93 and crosses the second State owned land parcel (map 013, Lot 014) between Structures 13 and 14. The line extends southwest approximately 70.55 feet over said State owned land to the abutting privately-owned property boundary of Map 013, Lot 013. Said property boundary is located approximately 1,525 feet east from where the 326 Line crosses Hovey Road, which is approximately 2,200 feet east from the intersection of Hovey Road and Hardy Road in Londonderry.

3. Wire specifications and loading condition to establish maximum sag for the crossing span that is the subject of this petition are as indicated on Profile View and Cable Schedule of Exhibit 2.
4. The location of structures and max sag conditions creates the following crossing span:
  - (a) State Owned Land: Londonderry Map/Lot 013/057 (Exhibit 2)
    - i. Structures: 11 to 13
    - ii. Structure Span (ft): 1,210.87
    - iii. State Owned Land Span (ft): 457.74
  - (b) State Owned Land: Londonderry Map/Lot 013/014 (Exhibit 2)
    - ii. Structures: 13 to 14
    - iii. Structure Span (ft): 558.33
    - iv. State Owned Land Span (ft): 70.55
5. 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 crossings.

6. Eversource will maintain and operate the clearances of the crossings at a height no less than what is required by the 2012 National Electrical Safety Code (NESC, Table 232-1) which is 24.8' for 345 kV conductor over areas traversed by vehicles including cultivated, grazing, forest and orchard lands, industrial sites, commercial sites, etc. in respect to the crossings between Structures 11 to 13 and 13 to 14 (Exhibit 2). The actual minimum height over the State owned lands is depicted on the attached Exhibit 2 and exceeds the respective minimum requirements.

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

8. 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 and with the support of police detail as a standard best practice.

9. Eversource submits that the license petitioned for 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.

WHEREFORE, Eversource respectfully requests that the Department:

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

Dated at Manchester, New Hampshire this 29<sup>th</sup> day of March, 2022.

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



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