

**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 -

**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 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 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.¹

2. As part of its ongoing asset condition inspection program, Eversource determined that original wood structures at the two State owned land crossing spans that are the subject of this petition, Structures 11, 12 and 13, need to be replaced to continue to function safely and reliably.

¹ Note that Eversource licensed the 380 line in CR 2021-021 for OPGW installation over the Merrimack River. The OPGW installation was between Str. 58 to Eagle Substation in Merrimack, which license did not include the crossing spans that are the subject of this petition.

Those structures will be replaced with weathering steel equivalents that will be located within 10' of the original structure location. The 380's existing three conductors and two static wires, 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 380 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, 12 and 13. On the east side, the 380 Line crosses state land (Map 013, Lot 057) approximately 3,300 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 an additional 231 feet across State owned land to the east side of the limited access right-of-way of Interstate 93. The second State owned land crossing (map 013, Lot 014) is located on the west side of the Interstate 93, commencing along the west side of the limited access right-of-way of Interstate 93. The line extends southwest approximately 67 feet over State owned land to the abutting property boundary of Map 013, Lot 013. Said property boundary is located approximately 1,600 feet east from where the 380 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): 1,216.8

iii. State Owned Land Span (ft): 213.1

(b) State Owned Land: Londonderry Map/Lot 013/014 (Exhibit 2)

ii. Structures: 11 to 13

iii. Structure Span (ft): 1,216.8

iv. State Owned Land Span (ft): 67.7

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 crossing between Structures 11 to 13 (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 wire 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 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 State owned land described in this petition;

Dated at Manchester, New Hampshire this 22nd day of February, 2022.

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

A handwritten signature in black ink, appearing to read "Erik R. Newman". The signature is written in a cursive, flowing style.

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