

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

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

**CROSSING No. CR 2022 - 012**

**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 34.5 kV electrical distribution line, designated as the Eversource 365 Line, originally constructed in 1961. The New Hampshire Department of Transportation (DOT), has requested that Eversource relocate a portion of the 365 Line to accommodate the design and construction of additional exit off I-93, known as Exit 4A (“Project”). As a result of the Project, the State of New Hampshire has acquired four parcels on the west side of the highway, to which the newly aligned 365 Line will be relocated and which relocation is the subject of this petition. The current location of the 365 Line is within easements through privately owned land, thus the line was not previously licensed.

2. The DOT’s Exit 4A design interferes with the existing 365 Line, which currently crosses I-93 between Exit 4 and 5. In order to accommodate DOT’s construction of new Exit 4A, a section of the 365 Line will need to be rebuilt from where the line crosses Madden Road in Londonderry to where the line crosses Trolley Car Ln in Londonderry. A small section of the line to be rebuilt will also be shifted to the north, which includes the section where it crosses I-93 and the state-

owned lands along the west side of I-93 and east of Trolley Car Lane. The location of the proposed state-owned land crossing for the relocated 365 Line are depicted on the Overview Map attached hereto as Exhibit 1 and a more detailed location description is as follows:

Exhibit 2 – The 365 Line will be relocated starting from existing Structure 13X which is located on the west side of Trolley Car Lane approximately 3,000 feet north from the intersection of Hovey Road and Trolley Car Lane. The State owned land crossing span begins at the easterly boundary of Trolley Car Lane and common boundary with State owned parcel Map 10, Lot 29C-A and extends 471 feet east to where the newly established limited access right of way (LAROW) of I-93 at Exit 4A.

3. In conjunction with the 365 Line relocation, the portion of the line between Pole 63 and Pole 71, which poles shall be removed or cut to grade as dictated by field conditions and taking into consideration associated environmental impacts. Customers along the relocated 365 Line who are presently served by the 365 Line, will continue to be served by the relocated 365 Line. The new 365 Line structures will be a combination of steel and wood having the specifications and configuration detailed on Exhibit 2.
4. As part of the Project three conductors and one new neutral wire having the specifications and configuration shown on the Cable Schedules and Structure Details, respectively, on Exhibits 2 will be reconducted across the State-owned lands.
5. Wire specifications and loading condition to establish maximum sag for the State owned land spans is indicated on the Profile View and Cable Schedule of Exhibit 2.
6. This petition addresses the following crossing spans:
  - a. State Owned Land Map/Lot: 10/29C-A, 10/29C-B (Exhibit 2)
    - i. Structures: 13X to 64
    - ii. Structure Span (ft): 531.3
    - iii. State-owned Land Span (ft): 313.1

7. All conductors and wires have been drawn on Exhibits 2 to show the minimum clearance at maximum sag conditions in reference to the State-owned land crossing spans, as noted on the Cable Schedule and in the Profile View.

8. Eversource will maintain and operate the clearances of the crossing at a height no less than what is required by the 2012 National Electric Safety Code (NESC, Table 232-1) which is 15.5 feet for neutral wires and 18.5 feet for 34.5 kV conductor over other areas traversed by vehicles such as cultivated, grazing, forest, and orchard lands, industrial sites, commercial sites, etc. The actual minimum height over the state-owned lands described is shown on Exhibit 2 and exceeds those minimum clearance requirements.

9. A NHDES Wetland Standard Dredge and Fill Permit will be obtained for wetland impacts associated with the Project. No other environmental permits are required for the work at the State-owned land crossing that is the subject of this petition.

10. Eversource submits that the license petitioned for herein may be exercised without substantially affecting the rights of the public in the State-owned lands. Minimum safe clearances above the State-owned lands shall be maintained at all times. Owing to the safety precautions undertaken by Eversource and its contractors, the use and enjoyment by the public will not be diminished in any material respect as a result of the described scope of work at the crossing location.

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 lands that are the subject of this petition; and

2. Grant Eversource a license to construct and maintain electric lines over and across the State-owned lands as identified and described in this petition.

Dated at Manchester, New Hampshire this 20<sup>th</sup> day of April, 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", is centered below the typed text.

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