

**THE STATE OF NEW HAMPSHIRE  
BEFORE THE  
PUBLIC UTILITIES COMMISSION**

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

**DOCKET No. DE 20-033**

**PETITION OF PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A  
EVERSOURCE ENERGY FOR LICENSE TO CONSTRUCT AND MAINTAIN  
ELECTRIC LINES OVER AND ACROSS STATE OWNED LAND  
IN RAYMOND, 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 Public Utilities Commission (“Commission”), for a license to construct and maintain electric lines over and across certain State owned land in the Town of Raymond. 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 373 Line, over and across State owned land in Raymond, New Hampshire, comprising a portion of the Rockingham Recreational Trail. The B&M Railroad previously granted a license for the Raymond crossing location in file FDA 332, however, this crossing has not been previously licensed by the PUC, but will be fully licensed pursuant to this petition. The location of the State owned land span which is the subject of this petition are depicted on the Overview Map attached hereto as Exhibit #1.

2. Eversource is commencing a project to replace a number of structures on its existing 373 Line, which will require transfer of the existing conductors and static wire at the State owned land crossing span between structures 242 and 243. Said structures are approximately 50 years old and have been subjected to environmental damage. Therefore, they require replacement to continue to function safely and reliability. The existing six conductors and one static wire will be transferred

to the new structures, which will be a weathered steel replacement of the existing wood structures. In addition, the existing 7#8 alumoweld shield wire will be replaced with 48F OPGW communications wire between Deerfield Substation (closest Structure #167) and Scobie Pond Substation (closest Structure #343) a distance of 18.51 miles.

3. The design and proposed construction of the replacement crossings for the 373 Line over the State owned land is in accordance with the National Electrical Safety Code (NESC) and is depicted on the Eversource Plan and Profile Drawing attached as Exhibits 2. The replacement structures will be constructed within 10' of the original wood structures so as not to disturb the original structures' foundation while the wires are being transferred.

4. Wire and structure specification for the State owned land crossings are depicted and noted on the Structure Detail and Cable Schedule of Exhibit 2.

5. The location of the structures creates the following crossing span:

- I. Rockingham Recreational Trail: Raymond (Exhibit 2)
  - i. Structures: 242 to 243
  - ii. Structure Span (ft): 712.5
  - iii. State Owned Land Span (ft): 70

6. The conductor and static wire have been drawn on Exhibit 2 to show the minimum clearance at maximum sag conditions as noted on Exhibit 2, in reference to the State owned land span.

7. Eversource will maintain and operate the clearances of the crossings over the State owned land crossings at a height no less than what is required by the 2012 National Electrical Safety Code (NESC, Table 232-1). The State owned land crossing requires at least 32.7 feet to ground for land encompassing track rails of railroads, which is the standard required by the Safety Division for former railroad recreational trails, as in the subject crossing location under 345 kV open supply conductors. The actual minimum height over the State owned land crossing is depicted on the attached Exhibits 2 and exceeds the minimum requirements.

8. A New Hampshire Department of Environmental Services statutory permit by notification (SPN) is required for construction access and work activities which involve the temporary minor alteration of nontidal wetlands, nontidal surface waters, and banks adjacent to nontidal surface waters and is applicable to the State owned land crossings. A SPN has been obtained in Raymond (2020-00037).

9. It is not anticipated that abutters on either side of the State owned land crossings will be affected by the proposed structure replacements, as the 373 Line is an existing line and the crossing structures to be replaced are within Eversource's existing utility easements.

10. Eversource submits that the license petitioned for herein may be exercised without substantially affecting the rights of the public in the State owned land. Minimum safe clearances land surfaces shall be maintained at all times. The use and enjoyment by the public of the Rockingham Recreational Trail will not be diminished in any material respect as a result of the proposed structure replacements.

WHEREFORE, Eversource respectfully requests that the Commission:

1. Find that the license petitioned for herein may be exercised without substantially affecting the public rights in the State owned lands which are the subject of this petition;
2. Grant Eversource a license to construct and maintain electric lines over and across the State owned land as identified and described in this petition;
3. Authorize Eversource to submit any future proposed alteration(s) to the amended licenses granted herein at least 60 days prior to undertaking any such alteration(s); and
4. Issue an order *Nisi* and orders for its publication.

Dated at Manchester, New Hampshire this 18th day of August 2020.

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 written over a solid horizontal line.

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