

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

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

**DOCKET No. CR 2021-**

**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 LANCASTER,  
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 Lancaster, 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 115 kV electrical transmission line, designated as the Eversource D142 Line, originally constructed in 1948, over and across State owned land in Lancaster, New Hampshire. The State owned land that is the subject of this petition has not been previously licensed, but was previously licensed with the predecessor in title, Pan Am Railways, which contributed to the oversight of this State owned land crossing location and omission from the petition recently licensed in CR 2021-009.

2. The D142 is undergoing a full line rebuild. Original wood structures 400 and 401 at the State owned land crossing span that is the subject of this petition will be replaced with weathering steel equivalents. The replacement structures will be renumbered as Structures 95 and 96. The project also encompasses reconductoring the three existing conductors, as detailed under the Cable Schedule on Exhibit 2. Additionally, both pole top mounted shield wires will be replaced with two OPGW communication cables as specified in the said cable schedule to Exhibit 2

3. The one State owned land crossing spans that is the subject of this petition is depicted on Exhibit 1 as a high-level perspective of the locations. Additional site location descriptions of the span location is as follows.

Exhibit 2– The D142 Line crosses the State owned rail road between new structures 95 and 96 (existing structures 400 and 401) in the Town of Lancaster approximately 2,400 feet following southerly along the line from where the D142 crosses North Road, which is approximately 0.44 miles from the intersection of North Road and Grange Road.

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

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

- I. State Owned Land: Lancaster (Exhibit 2)
  - i. Renumbered Structures: Str. 95 & 96
  - ii. Structure Span (ft): 346.3'
  - iii. State Owned Land Span (ft): 160.8'

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 crossings.

7. Eversource will maintain and operate the clearances of the crossing at a height no less than what is required by the 2012 National Electrical Safety Code (NESC, Table 232-1), which is 28.1' for 115 kV wires over top of track rails. The actual minimum height over the State owned land is depicted on the attached Exhibit 2 and exceeds the minimum requirement.

8. The line rebuild project on the D142 will require a New Hampshire Department of Environmental Services (NHDES) Standard Dredge and Fill in Wetland permit for temporary and permanent impacts to wetlands associated with the construction and installation of new poles, including those that are the subject of this petition in Lancaster.

9. It was not anticipated that abutters on either side of the State owned lands that are the subject of this petition would be affected by the proposed scope of this project as the D142 is an existing line and the project will be accomplished within existing ROW 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 lands. Minimum safe clearances above the State owned land will be maintained at all times. As such, the use and enjoyment by the public of the State owned land will not be diminished in any material respect as a result of the proposed structure replacements and wire installation.

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 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;

Dated at Manchester, New Hampshire this 22<sup>nd</sup> day of October, 2021.

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



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