

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

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
D/B/A EVERSOURCE ENERGY**

DOCKET NO. DE 19-157

**SUPPLEMENTAL PETITION OF PUBLIC SERVICE COMPANY OF NEW
HAMPSHIRE
D/B/A EVERSOURCE ENERGY FOR LICENSE TO CONSTRUCT
AND MAINTAIN ELECTRIC LINES OVER AND ACROSS LANDS
OWNED BY THE STATE OF NEW HAMPSHIRE IN THE TOWNS OF
WINCHESTER AND SWANZEY, 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 (“State”), hereby petitions the Public Utilities Commission (“Commission”) for license(s) to construct and maintain electric lines over and across lands owned by the State of New Hampshire in the Towns of Winchester and Swanzeay, New Hampshire. In support of this supplemental petition Eversource states as follows:

1. In order to meet the reasonable requirements of service to the public, Eversource has previously constructed and currently operates and maintains an overhead 115Kv electrical transmission line, designated as the Eversource A152 Line, over and across certain parcels of land owned by the State of New Hampshire, as shown in Exhibits 2 through 7. These State owned land crossings have not been previously licensed by the Commission, due either to oversight, or because the lands involved were in private ownership at the time of the original construction of the existing lines and no crossing license was required. The replacement of these crossings in connection with the A152 project will be fully licensed under this supplemental petition.
2. Eversource is commencing a project to modify or rebuild a number of the structures on its existing A152 Line, which will impact the crossing locations which are the subject of this supplemental petition. This structure replacement and repair project is part of a

reliability project for the A152 line to continue to meet current, as well as future, projected electricity demands. No conductor, shield wire or neutral wire will be replaced as part of this project; instead, existing conductors and wires will be transferred to the new structures (Str. 75, 76, 77, 78, 79, 80, 81, 82, 83, 153, 175), which will be a steel structure replacement of the original wood structures.

3. In 2019, Eversource replaced (1) wooden structure (Str. 176) along the existing A152 transmission line, which impacted a state land crossing, which is the subject of this supplemental petition. A petition was not submitted prior to this work being completed, and as such, this portion of the petition is after-the-fact. No conductor, static wire, or ADSS fiber cable was replaced as part of the project; instead, existing conductors, static wires, ADSS fiber cables were transferred to the new, steel structures.
4. The attached Exhibits 1 shows the general location of the A152 Line crossings over the State owned land parcels comprising Eversource's A152 project. The design and proposed construction of the replacement crossings for the A152 Line over the State owned land parcels will be in accordance with the National Electrical Safety Code (NESC), as shown on the Eversource Plan and Profile Drawing for the State owned land crossings, attached as Exhibits 2 through Exhibit 7. Exhibit 7, in addition to depicting the location of the A152 conductor over a portion of the State owned parcel between Str. 175.5 and 176, also depicts the location of the A152 ADSS cable which deviates in location from the conductor and is underbuilt to Line 379 between structures 174 and 176
5. Wire and structure specifications for the State land crossings are as noted and depicted on Exhibits 2 through 7.
6. The location of the replacement structures creates the following crossing spans:
 - A. State Owned Land, Swanzey Map 58, Lot 73 (Exhibit 2)
 - Structures: 75-76
 - Structure Span (ft): 182
 - State Owned Land Span (ft): 25
 - B. State Owned Land, Swanzey, No Assessor Map and Lot given (Exhibit 3)
 - Structures: 76-79
 - Structure Span (ft): 817.7

- State Owned Span (ft): 817.7
 - C. State Owned Land, Swanzey, No Assessor Map and Lot given (Exhibit 4)
 - Structures: 79-83
 - Structure Span (ft): 1,005.9
 - State Owned Span (ft): 937.8
 - D. State Owned Land, Winchester, Map 5, Lot 0RR (Exhibit 5)
 - Structures: 152-154
 - Structure Span (ft): 654
 - State Owned Span (ft): 654
 - E. State Owned Land, Winchester, Map 5, Lot 0RR [115kV Route] (Exhibit 6)
 - Structures: 175.5-176
 - Structure Span (ft): 143.7
 - State Owned Span (ft): 74.2
 - F. State Owned Land, Winchester, Map 5, Lot 0RR [ADSS Route] (Exhibit 6)
 - Structures: 174-176
 - Structure Span (ft): 611
 - State Owned Span (ft): 473.7
7. All conductors have been drawn in Exhibit 2 through Exhibit 7 to show the maximum sag conditions in reference to the State owned lands.
 8. Eversource will maintain and operate the clearances of the crossings over the State owned land locations at a height no less than what is required by the 2017 National Electrical Safety Code (NESC, Table 232-1) which, for 115kV open supply conductors, is 20.1 feet to ground over roads, streets, and other areas subject to truck traffic and 16.1 feet to ground for spaces and ways subject to pedestrian or restricted traffic only. For the ADSS, the NESC Table 232-1 requirement is 15.5' to ground over roads, streets, and other areas subject to truck traffic and 9.5 feet to ground for spaces and ways subject to pedestrian or restricted traffic only. The actual minimum height over the State owned lands are depicted on the attached Exhibit 2 through Exhibit 7 and exceed the NESC minimum clearance requirements.
 9. A New Hampshire Department of Environmental Services statutory permit by notification (SPN), formerly named utility maintenance notification (UMN), 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. In 2019, UMN's were obtained for Town of Swanzezy #2019-00133 [Span: Str. 79 to 82] and Town of Winchester #2019-00137 [Span: Westport substation to Str. 176]. The UMN's will be renewed and 2020 SPN's obtained prior to project commencement.

10. It is not anticipated that abutters on either side of the State owned land crossings will be affected by this supplemental petition, as the A152 is an existing line, and the crossing structures are being replaced and rebuilt within Eversource's existing utility easements. The State owned land parcels were acquired by the State subject to the Eversource right of way easements, and no new or additional real property rights are required to replace the structures within the State owned parcels.
11. Eversource submits that the license petitioned for herein may be exercised without substantially affecting the rights of the public in the State owned land parcels. Minimum safe line clearances above the land surfaces will be maintained at all times. The use and enjoyment of the public of the State owned lands will not be diminished in any material respect as a result of the replacement of the overhead line crossings.

WHEREFORE, Eversource respectfully requests that the Commission:

1. Find that the license petitioned for herein may be exercised without substantially affecting public rights in the State owned lands which are the subject of this supplemental petition;
2. Grant Eversource a license to construct and maintain electric lines over and across the State owned land parcels as identified and described in this supplemental 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 an order for its publication.

Respectfully submitted 29th day of April, 2020.

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

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