

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

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

CR 2024 -009

**APPLICATION 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 WINCHESTER,
NEW HAMPSHIRE**

Pursuant to RSA 371:17, Public Service Company of New Hampshire d/b/a Eversource Energy (“Eversource”), a public utility engaged in the transmission, distribution and sale of electricity in the State of New Hampshire, hereby submits an application to the Department of Energy (“Department”) for a license to construct and maintain electric lines over State-owned land in Winchester, New Hampshire. In support of this application 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 3178 Line located between Depot Street Tap in Hinsdale, NH and Howard Street Tap in Winchester. The exact construction date of the current line is unknown, however based on easement records, an electrical line right-of-way existed at the subject location since 1912. The 3178 Line crosses State-owned land, known as Pisgah State Park operated by Department of Natural and Cultural Resources, between Structures 27D and 30, for which no prior crossing license was identified either owing to possible oversight or because the line was constructed before the State took ownership, but which will be licensed as a result of this application.
2. The proposed project for the 3178 Line is to replace existing steel lattice structures with new single pole steel structures having the design and specification depicted and noted in the Structure Details of Exhibits 3. The existing conductor and neutral wire as depicted in the Profile View and detailed in the cable schedule in Exhibit 3 will be unchanged through the course of

performing the structure replacement project. The replacement structures will be installed within 10 feet of the current locations.

3. The location of the State-owned land crossings which are the subject of this application are depicted on the Overview Map attached hereto as Exhibit 1 and a more detailed location description is as follows:

Exhibit 2 and 3 – The 3178 Line crosses the State-owned land, known as Pisgah State Park, in Winchester between Structures 27D and 30, which span commences within a pull off parking area located along the north side of NH Route 119, approximately 400 feet east from the Ashuelot River Reservoir Dam. The span extends approximately 1,350 east to the property boundary of Map 16, Lot 17 in the Town of Winchester.

4. Wire specifications and loading condition to establish maximum sag for the crossing spans that are the subject of this application are as indicated on the Profile View and Cable Schedule of Exhibit 3.

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

- (a) State-Owned Land Map/Block/Lot: Winchester Map/Lot 7/47 (Exhibit 2-3)
 - i. Structures: 27D to 30
 - ii. Structure Span (ft): 1,357.4
 - iii. State-owned Land Span (ft): 1,052.1¹

6. All conductors and wires have been drawn on Exhibit 3 to show the minimum clearance at maximum sag conditions in reference to the State-owned land crossing.

7. 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: 18.6' feet for 34.5 kV wires over other areas traversed by vehicles, such as cultivated, grazing, forest, and orchard lands, industrial sites, commercial sites, etc., in respect to the State-owned land

¹ The State-owned land span between Structures 27D and 30 comprises two areas of State-owned land, 594.5' and 457.6', totaling 1,052.1'.

crossing depicted on Exhibits 2 and 3. The actual minimum height over the State-owned land crossing is depicted on the attached Exhibit 3 and exceeds the minimum requirement.

8. A New Hampshire Department of Environmental Services (NHDES) Statutory Permit by Notification (SPN) will be required for temporary impacts associated with the structure replacements described in this application. NHDES SPN application has been submitted (NHDES SPN Application # 2023-03067) and will be obtained prior to commencement of construction within jurisdictional areas.

9. The structure replacements work will be accomplished within existing rights-of-way, thereby mitigating impacts and concerns of property owners affected by the project scope. When wires are being transferred, Eversource will ensure the State-owned lands are clear of any recreational users before work commences. Additionally, a guard structure will be utilized when wires are being transferred from the old structure to the new, to limit the possibilities of the wire falling into the State-owned land, to further protect the general public.

10. Eversource submits that the license application herein is necessary in order to meet the reasonable requirements of service to the public owing to the degraded condition of the existing structures to be replaced in satisfaction of Eversource's tariff obligations and North American Electric Reliability Corporation (NERC) reliability standards, to ensure safe and reliable electric delivery. This important electric system maintenance project may be exercised without substantially affecting the use and enjoyment of the State-owned land because safe clearances will be maintained at all times and appropriate precautions to ensure the safety of recreational users will be undertaken while the maintenance work is performed.

WHEREFORE, Eversource respectfully requests that the Department:

1. Find that the license application herein may be exercised without substantially affecting the public rights in the State-owned land crossing, which is the subject of this application;
2. Grant Eversource a license to construct and maintain electric lines over and across State-owned land described in this application;

Dated at Manchester, New Hampshire this 21st day of August 2024.

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".

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