

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

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

DOCKET No. DE 22-003

**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 BRENTWOOD,
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 Brentwood, 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 A126 Line, originally constructed in 1975, over and across State owned land in Brentwood, New Hampshire. The State owned land crossing that is the subject of this petition was not previously licensed, either because the land was not in State ownership at that time or otherwise for reasons unknown. A license was issued pursuant to Order CR 2021-010 for a State owned land crossing starting on the east side of Pine Road at Structure 204 and extending west to Structure 212, that accounted for the replacement from wood to steel of said structures, with the exception of Structure 204. The State land crossing petitioned for herein is for a separate State owned property located in proximity to the CR 2021-010 licensed span, which starts at Structure 202 and ends at Structure 204 and which has been identified for replacement through a more recent inspection cycle. The planned replacement of Structure 204 creates a minor increase in clearance height between Structures 204 and 205 (from 39.5' to 40.1') which was part of the span licensed under CR 2021-010 and therefore that portion of the previously

licensed span is also included in this petition under Paragraph 5 hereof and within the enclosed Exhibits. The structures identified for replacement on the A126 that are subject to this petition have been mis-labeled in the field and are presently labeled A126, Structure 203, 202 and 201, respectively. These structures will be re-labeled as part of the planned maintenance project to Structures 204, 203 and 202, respectively, consistent with how the structures are described hereunder and in Exhibits 1, 2, and 3.

2. As part of its ongoing asset condition inspection program, Eversource determined that original wood structures 202 through 204 need to be replaced to continue to function safely and reliably. Those structures will be replaced with weathering steel equivalents that will be located within 10' of the original structure location. The existing three conductors and two static wires, whose specifications are identified on Exhibit 2 Cable Schedule, will be unchanged in the course of relocation to the new replacement structures.
3. The State owned land span that is the subject of this petition is depicted on Exhibit 1 as a high-level perspective of the location. Additional site location description of that span is as follows.

Exhibits 2 and 3 - The A126 Line crosses State of New Hampshire Department of Transportation (“DOT”) property in the town of Brentwood between structures 202 and 204 and New Hampshire NH Fish and Game (“NHFG”) property in the Town of Brentwood between structures 204 and 205. Said DOT property is approximately 790 feet east of where the A126 Line crosses Pine road, which is approximately 2,500 feet from the intersection of Pine Road and State Route 27/Epping Road. The DOT land extends approximately 638 feet west along the A126 Line and ends at the private property boundary of Map 205, Block 18 in the Town of Brentwood.

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 Profile Views and Cable Schedules of Exhibit 2.

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

State Owned Land: Brentwood Map/Block: 205/15 (Exhibit 2 & 3)

- i. Structures: Str. 202 to 204
- ii. Structure Span (ft): 962.8
- iii. State Owned Land Span (ft): 540.9

State Owned Land: Brentwood Map/Block: 205/8 (Exhibit 2 & 3)

- i. Structures: Str. 204 to 205
- ii. Structure Span (ft): 333.3
- iii. State Owned Land Span (ft): 47.6

6. All conductors and static wires have been drawn on Exhibit 2 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 crossing at a height no less than what is required by the 2012 National Electrical Safety Code (NESC, Table 232-1) which is 20.1' for surfaces traversed by vehicles, such as cultivating, grazing, forest and orchard lands, industrial sites, commercial sites, etc., under 115 kV conductor. The actual minimum height over State owned land is depicted on the attached Exhibit 2 and exceeds the minimum requirements.

8. A New Hampshire Department of Environmental Services (NHDES) wetland statutory permit by notification (SPN) will be required to accomplish the structure replacements and will be obtained prior to commencement of construction. No other environmental permits are required.

9. The structure replacement work will be accomplished within existing right-of-way easements thereby mitigating impacts and concerns of property owners affected by the project scope.

10. Eversource submits that the license petitioned for herein may be exercised without substantially affecting the use and enjoyment of the public in the State owned land since safe clearances to ground will be maintained at all times.

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 land which is the subject of this petition;
2. Grant Eversource a license to construct and maintain electric lines over and across the State owned land described in this petition;
3. Issue an order *Nisi* and orders for its publication.

Dated at Manchester, New Hampshire this 15th day of February, 2022.

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



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