

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

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

DOCKET No. DE 21-081

**PETITION OF PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A
EVERSOURCE ENERGY FOR AMENDED LICENSE TO CONSTRUCT AND
MAINTAIN ELECTRIC LINES OVER AND ACROSS STATE OWNED LAND IN
GREENVILLE, 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 State owned land in Greenville, 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 345 kV electrical transmission line, designated as the Eversource 367 Line, originally constructed in 1970, over and across State owned land in Greenville, New Hampshire. The State land crossing was most recently licensed as part of the PUC in Docket 20-066 pursuant to Order 26,417 which licensed replacement of original wood structures 252, 253, 256, 257 and 258 within a span over State owned land in Greenville extending from Structure 251 to 258. The present petition for amended license addresses replacement of the two remaining structures, 254 and 255 within that State land span and also seeks to correct an error in the Exhibit drawings that supported Docket 20-066 which incorrectly depicted the OPGW wire with a $\phi.456$ specification, when in fact the existing OPGW wire which will remain unchanged has a $\phi.646$ specification as noted on the cable schedules attached hereto as Exhibits 2, 3 and 4.

2. Eversource is continuing maintenance work on the 367 Line, which includes the planned replacement of original wood Structures 254 and 255 with weathering steel equivalents that will be located within 10' of the original structure location. The existing three conductors, one OPGW communications cable, and one static wire, whose specifications are identified on the Exhibits 2-4 Cable Schedule, will be unchanged in the course of relocation to the steel replacement structures.

3. The one 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, 3 and 4 – The 367 Line encompassing the two structure replacement locations is part of a State owned land span in the town of Greenville between structures 251 to 258. Structure 255 is located approximately 2,257 feet east from where the 367 Line crosses over Blake Road, which location is approximately 400 feet south from the intersection of Blake Road and Richardson Road in Greenville. Structure 254 is located an additional 495 feet to the east of Structure 255.

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 Exhibits 2, 3 and 4.

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

State Owned Land: Greenville Map 3, Lot 10 (Exhibit 2,3 & 4)

- i. Structures: Str. 253 to 256
- ii. Structure Span (ft): 1,869.4
- iii. State Owned Land Span (ft): 1,524.0

6. All conductors, OPGW and static wire have been drawn on Exhibits 2, 3 and 4 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 24.8' for surfaces traversed by vehicles, such as cultivating, grazing, forest and orchard lands, industrial sites, commercial sites, etc., under 345kV conductor. The actual minimum height over State owned land is depicted on the attached Exhibits 2, 3 and 4 and exceeds the minimum requirements.

8. A New Hampshire Department of Environmental Services (NHDES) wetland statutory permit by notification (SPN) is not required to accomplish the replacement of Structures 254 and 255 and associated access. However, as part of the broader maintenance project on the 367 Line outside the State owned land in Greenville, Eversource will be obtaining a SPN.

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 Commission:

1. Find that the amended 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 an amended 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 19th day of May, 2021.

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



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