

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

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

**DOCKET No. DE 20-\_\_\_\_\_**

**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 GOFFSTOWN AND HOOKSETT, 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 certain State owned land in the Towns of Goffstown and Hooksett. 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 O161 Line, over and across State owned land in Goffstown and Hooksett. The location of the two State owned land spans which are the subject of this petition are depicted on the Overview Map attached hereto as Exhibit #1.
2. Eversource is commencing a project to replace a number of structures on its existing O161 Line including structure 72 which creates a State owned land crossing span in Goffstown with structure 73, which will not be replaced. Said structure is approximately 46 years old and has been subjected to environmental damage. Therefore, it requires replacement to continue to function safely and reliability. No wires will be replaced as part of this project; instead, existing conductor and static wire will be transferred to replacement structure 72, which will be a weathered steel replacement of the existing wood structure.

3. In 2017, Eversource replaced (2) wooden structures (Str. 20 and 21) along the existing O161 transmission line, which impacted state owned land in Hooksett, which are 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 OPGW fiber cable was replaced as part of the project; instead, existing conductors, static wires, OPGW fiber cables were transferred to the new, steel structures.

4. The design and proposed construction of the replacement crossings for the O161 Line over the State owned lands is in accordance with the National Electrical Safety Code (NESC) and is depicted on the Eversource Plan and Profile Drawing attached as Exhibits 2 and 3. The three replacement structures which are the subject of this petition will be located within 10' of the original wood structures so as not to disturb the original structures' foundation while the wires are being transferred.

5. Wire and structure specification for the State owned land crossings are depicted and noted on the Structure Detail and Profile Views of Exhibit 2 and 3.

6. The location of the structures creates the following crossing span:

I. State owned land: Hooksett (Exhibit 2)

- i. Structures: 20 and 21
- ii. Structure Span (ft): 396.6
- iii. State Owned Land Span (ft): 20.5

II. State owned land: Hooksett (Exhibit 3)

- i. Structures: 72 and 73
- ii. Structure Span (ft): 344.1
- iii. State Owned Land Span (ft): 225.3

7. The conductors have been drawn on Exhibits 2 and 3 to show the minimum clearance at maximum sag conditions in reference to the State owned land spans.

8. Eversource will maintain and operate the clearances of the crossings over the State owned land crossings at a height no less than what is required by the 2017 National Electrical Safety Code (NESC, Table 232-1). The State owned land crossings requires at least 20.1 feet to ground for 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. The actual minimum height over the State owned land crossings are depicted on the attached Exhibits 2 and 3 and exceeds the minimum requirements.

9. A New Hampshire Department of Environmental Services statutory permit by notification (SPN), formerly 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 and is applicable to the public water crossings. A UMN was obtained in 2017 for work in the Town of Hooksett (UMN # 2017-187). SPN's are not required for the proposed structure replacement in Goffstown.

10. It is not anticipated that abutters on either side of the State owned land crossings will be affected by the proposed structure replacements, as the O161 Line is an existing line and the crossing structures to be replaced are within Eversource's existing utility easements.

11. 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 land surfaces shall be maintained at all times. The use and enjoyment by the public of the State owned lands will not be diminished in any material respect as a result of the proposed structure replacements.

WHEREFORE, Eversource respectfully requests that the Commission:

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;

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 orders for its publication.

Dated at Manchester, New Hampshire this 18th day of May, 2020.

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



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