

THE STATE OF NEW HAMPSHIRE
BEFORE THE
PUBLIC UTILITIES COMMISSION

PETITION OF PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY FOR LICENSE TO CONSTRUCT AND MAINTAIN ELECTRIC LINES OVER AND ACROSS LAND OWNED BY THE STATE IN THE TOWN OF GOFFSTOWN, NEW HAMPSHIRE.

TO THE PUBLIC UTILITIES COMMISSION:

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 petitions the Public Utilities Commission ("Commission"), pursuant to RSA 371:17, for a license to construct and maintain electric lines over and across certain land owned by the State of New Hampshire ("State") in the Town of Goffstown, New Hampshire, and in support of this petition 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 34.5 kV electric distribution line, designated as the Eversource 328 Line, over and across State owned public land situated in the Town of Goffstown, New Hampshire; the State's land parcel consisting of approximately 19 acres located off the so-called Goffstown Back Road, and being designated as Lot 18A on Goffstown Tax Map 5¹. This crossing location contains a total of eight (8) utility structures of the 328 Line requiring replacement, as noted below.²
2. The existing 328 Line structures and associated distribution components are approximately 40 years old, have been subject to woodpecker and other environmental damage and require replacement for the line to continue to function safely and reliably. This structure replacement and repair project is part of a capital reliability project - necessary for the 328 Line to continue to meet current as well as future projected electricity demands. The 328 Line is also being upgraded to allow more capacity to the Town of Goffstown from the Rimmon Substation due to an upcoming transformer retirement at the Glen Lake Substation. Additionally, underbuilt fiber optic cable is being added to the structures to allow for communication between the Rimmon Substation and the Glen Lake Substation.

¹ The State's parcel is a portion of lands formerly owned by Eversource at the time the current 328 Line structures were installed by Eversource, and therefore no crossing license was required at the time of original installation. Eversource subsequently sold and conveyed the land to the State in 1967, reserving from that deed its easement rights and right of way for the 328 Line facilities (Hillsborough County Registry of Deeds Book 1972, Page 415). The State thus acquired ownership and possession of the land subject to the 328 Line and its structures. In 1972, the State, by the N.H. Water Resources Board, conveyed the State parcel to the New Hampshire Fish and Game Department, the present State agency with responsibility for the land. The structure replacements of the 328 Line crossing over and across the State's land parcel will be newly licensed under this petition.

² Existing 328 Line structures Nos. 52, 53, 53.5, and 54-58, inclusive, will be replaced with new, re-numbered structures Nos. 74-81, inclusive.

3. The general location of the 328 Line over the State land parcel in Goffstown is shown on the Eversource Energy Location Plan attached as Exhibit 1. The rebuild of the 328 Line crossing has been designed and will be constructed in accordance with the National Electrical Safety Code (NESC), as shown on the Eversource Energy Plan and Profile Plan drawing attached as Exhibit 2, sheets 2 and 3 of 3.
4. Wire and structure specifications:
 - a. NH Fish & Game Property Crossing, Tax Map 5, Lot 18A, Goffstown (Exhibit 2):
 - i. Wire:
 1. Neutral Wire: 0000127 AWA
 2. Distribution Wire: Hendrix 477 kcmil AAC
 - ii. Fiberoptic Cable: ADSS – 24 Fiber OFS Type
 - iii. Structure Types and Pole Heights: From east to west
 1. Str 74: DTR 10.301_MOD Monopole, 50', 43' AGH
 2. Str 75: DTR 10.297_MOD Monopole, 65', 56.5' AGH
 3. Str 76: DTR 10.297_MOD Monopole, 50', 43' AGH
 4. Str 77: DTR 10.297_MOD Monopole, 55', 47.5' AGH
 5. Str 78: DTR 10.297_MOD Monopole, 55', 47.5' AGH
 6. Str 79: DTR 10.305_MOD Monopole, 45', 38.5' AGH
 7. Str 80: DTR 10.301_MOD Monopole, 40', 34' AGH
 8. Str 81: DTR 10.349_MOD Monopole, 40', 34' AGH
5. The location of the structures creates the following crossing spans:
 - a. NH Fish & Game Property Crossing, Tax Map 5, Lot 18A, Goffstown (Exhibit 1):
 - i. Structures: 74-81
 - ii. Structure Span (ft): 1902
 - iii. Public Land Span (ft): 1934
6. All conductors have been drawn in Exhibit 2 to show the maximum sag conditions in reference to the State land.
7. Eversource will maintain and operate the clearance of the wire crossing over the State land at a height no less than is required by the 2017 National Electrical Safety Code (NESC, Table 232-1) which is 18.5 feet to ground for 34.5kV open supply conductors.
8. A New Hampshire Department of Environmental Services (NHDES) Minimum Impact Wetlands Permit is required for construction activities which involve the alteration of nontidal wetlands for the replacement of existing 328 Line structure No. 58 (new structure No. 81). A permit application was submitted and accepted as complete by NHDES on July 5, 2018 (see NHDES File # 2018-02003).

9. A NHDES Shoreland Permit by Notification (SPN) application is required for construction activities in the vicinity of the Piscataquog River, and which will apply to replacement of existing 328 Line structures Nos. 55 and 56 (new structures Nos 78 and 79). The SPN application is being submitted to NHDES at or about the same time as this filing.
10. A NHDES Utility Maintenance Notification (UMN) is required for temporary impacts to nontidal wetlands associated with construction activities for the 328 Line project, including related to workpads and access to existing 328 Line structures Nos. 55, 57 and 58 (new structures Nos. 78, 80 and 81). A UMN application was submitted to NHDES and has been accepted as complete.
11. As explained in footnote 1 herein, the State land parcel which is the subject of this crossing petition was acquired by the State from Eversource, subject to the reserved easement rights and right of way of Eversource. Therefore, no new or additional real property rights are required to replace the structures located within this parcel. The replacement 328 Line structures will be located within the existing Eversource easement right of way.
12. Eversource submits that the license petitioned for herein may be exercised without substantially affecting the rights of the public in the State's land in Goffstown. Minimum safe line clearances above the land surface will be maintained at all times. The use and enjoyment of the public of the State's land 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 the public rights in the State lands which are the subject of this petition;
2. Grant Eversource a license to construct and maintain electric lines over and across the State lands which are the subject of this petition; and
3. Issue an Order Nisi and orders for its publication.

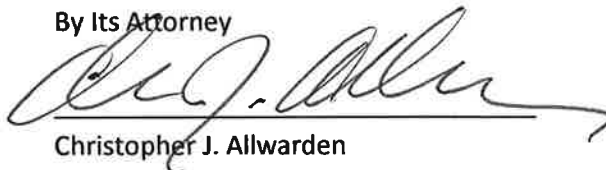
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Dated at Manchester, New Hampshire this 10th day of October, 2018.

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 "C. J. Allwarden", written over a horizontal line.

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