

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 MAINTIN ELECTRIC LINES OVER AND ACROSS THE PISCATAQUOG RIVER 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 the public waters of the Piscataquog River in 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 the Piscataquog River in the Town of Goffstown, New Hampshire.¹ This crossing location is bordered by utility structures which require replacement, as noted below. 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 or modification for the line to continue to function safely and reliably. This structure and 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 wire is being added to the structures to allow for communication between the Rimmon Substation and the Glen Lake Substation.
2. The general location of the 328 Line crossing over the Piscataquog River in Goffstown is shown on 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.
3. Wire and structure specifications:
 - a. Piscataquog River (Exhibit #2):
 - i. Wire:
 1. Neutral Wire: 0000127 AWA
 2. Distribution Wire: Hendrix 477 kcmil AAC

¹ Due to either oversight or the application of different public water or navigability criteria at the time of original construction, the existing 328 Line crossing was not previously licensed by the Commission; however, the relocated crossing will be licensed under this petition.

Wherefore Eversource respectfully requests that the Commission:

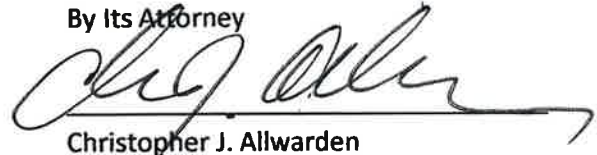
1. Find that the license petitioned for herein may be exercised without substantially affecting the public rights in the public waters which are the subject of this petition;
2. Grant Eversource a license to construct and maintain electric lines over and across the public waters which are the subject of this petition; and
3. Issue an Order Nisi and orders for its publication.

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



Christopher J. Allwarden
Senior Counsel, Legal Department
Eversource Energy Park
780 North Commercial Street
Manchester, NH 03101
(603) 634-2459