

# **Eversource New Hampshire Asset Condition Structure Replacement Projects**

## **TCA Submittal Presentation**

**NEPOOL Reliability Committee Meeting**

**November 16, 2022**

# Agenda

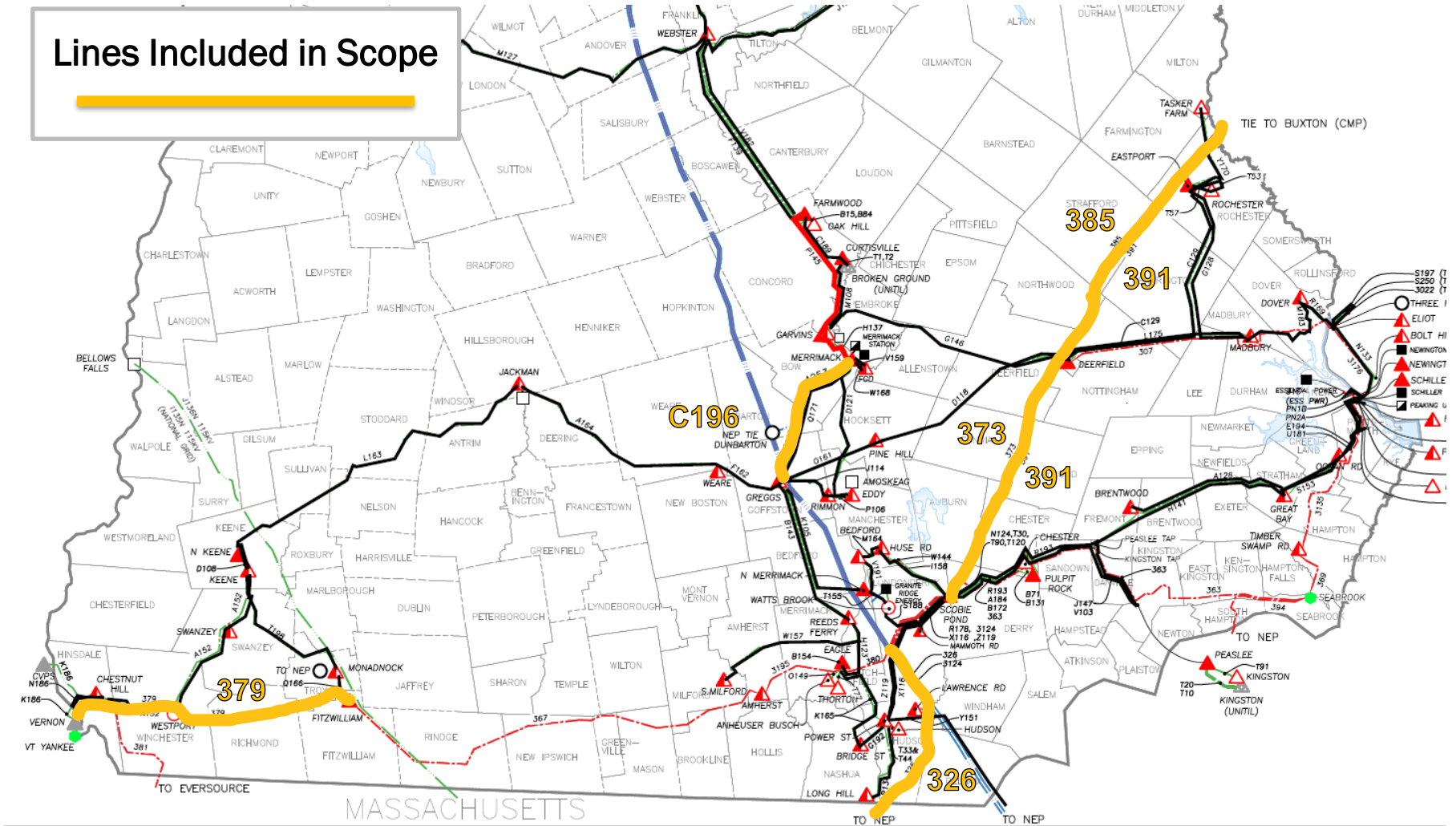
- Project Background
- Project Geographic Locations
- Summary of Work

# Project Background

- This presentation covers wood and laminated wood pole replacement projects on Eversource's 115-kV and 345-kV lines that were presented at the [June 15, 2022 PAC](#) meeting
  - Includes 6 lines in PSNH territory
- Project Drivers
  - Inspections have indicated significant degradation and decreased load carrying capacity of wood structures
    - Replacing the structures with light duty steel pole equivalents resolves multiple structural issues, hardware issues, and supports safe and reliable operation

# Project Location

Lines Included in Scope



# Project Need



373 Line – Top Rot and Splitting



326 Line – Top Splitting and Cracking



379 Line – Pole Splitting and  
Woodpecker Damage

# NH Asset Condition Wood Structures Summary – TCAs

New Hampshire Asset Condition Wood Structure Replacements					
<i>**Presented to ISO-NE PAC June 15, 2022</i>					
Line	Voltage	TCA #	ACL #	Description	TCA Submitted Cost (\$Ms)
373	345kV	ES-22-TCA-24	344	Scobie Pond substation – Deerfield substation	\$ 7.066
326	345kV	ES-22-TCA-23	345	Scobie Pond substation – NH/MA state line	6.194
379	345kV	ES-22-TCA-17	342	Fitzwilliam substation – Vermont Electric Power Company (VELCO) substation	8.020
385	345kV	ES-22-5CA-25	346	Deerfield substation – Main border	5.035
391	345kV	ES-22-TCA-26	347	Maine border – Scobie Pond substation	8.953
C196	115kV	ES-22-TCA-33	348	Merrimack substation – Greggs substation	11.690
<b>Total submitted TCA cost estimate</b>					<b>\$ 46.958</b>

# Questions

