

O42 Transmission Line Project

Pepperell and Dunstable, Massachusetts

Spring 2025

WHAT?

As one of your regional electricity providers, National Grid regularly updates our systems to ensure that you receive the best possible service to your home and business every day.

The O42 Transmission Line Project (the Project) will upgrade approximately 3.2-mile-long segment of existing 69 kilovolt (kV) transmission line to a 115 kV capacity transmission line, while remaining in operation as a 69 kilovolt (kV) transmission line. The Project will involve:

- Install one (1) optical grounding wire from Dunstable Substation to Groton Street Substation
- Select relocation of structure placement within existing right of way.
- Targeted replacement of 79 existing wood structures with 42 new steel structures
- Targeted replacement of aging assets

WHERE?

The Project will upgrade a segment of overhead power lines that crosses Groton Street, the Nashua River, East Street in Pepperell, and Pleasant Street in Dunstable (**please see map on other side of this page**).

WHY?

A strong electrical transmission system is vital to our region's safety, security, and economic prosperity. The Project will modernize the existing transmission lines, replace equipment that has reached the end of its useful life, and install a telecommunication system between substations.

WHEN?

We anticipate access road improvements and vegetation management to begin in April 2025 with construction scheduled for August 2025 through Fall 2026.

STAY INFORMED

National Grid is committed to keeping you informed and encourages feedback from project neighbors, public officials, and other stakeholders. We are committed to keeping, residents, businesses, community groups, and local officials informed about this Project.

If you have any questions or would like additional information, please reach out to the project hotline information below.

Email: info@o42project.com
Phone: (800) 674-9510 ext. 2

cc: Joe Carroll /National Grid



Right-of-way

O42 Transmission Line Project Overview

