

I135S J136S Transmission Line Refurbishment Project

Fitchburg, Leominster, Sterling, Massachusetts

February 2026

WHAT

As one of your regional electricity providers, National Grid routinely updates our systems infrastructure to ensure that you receive the most reliable service to your home and business every day.

We are upgrading a section of the regional electric transmission system to improve reliability, communication capability, and long-term system resiliency. The project involves refurbishing existing transmission structures and installing new Optical Ground Wire (OPGW) along the 8.1-mile I135S/J136S Transmission Line

- Replacing three existing structures with three H-frame structures, installing one H-frame switch structure, replacement of some existing electric conductors; and installing Optical Ground Wire (OPGW) within the existing Rights-Of-Way (ROW) easements
- Access way improvements and vegetation management efforts, when necessary

WHERE

The Project will make upgrades throughout an 8.1-mile segment of overhead power lines that travel between Flagg Pond Substation in Fitchburg, MA and Pratts Junction Substation in Sterling, MA. All work is proposed within the existing ROW easement and National Grid-owned parcels. (**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 tap line and install a telecommunication system between substations.

WHEN

Pre-construction efforts will occur prior to construction mobilization and include activities such as Rights-Of-Way improvements, select clearing and vegetation management efforts within the existing Transmission Rights-of-Way (ROW) among additional activities. Construction efforts are currently anticipated to begin in Spring of 2027.

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:

Joseph Carroll, Project Engagement

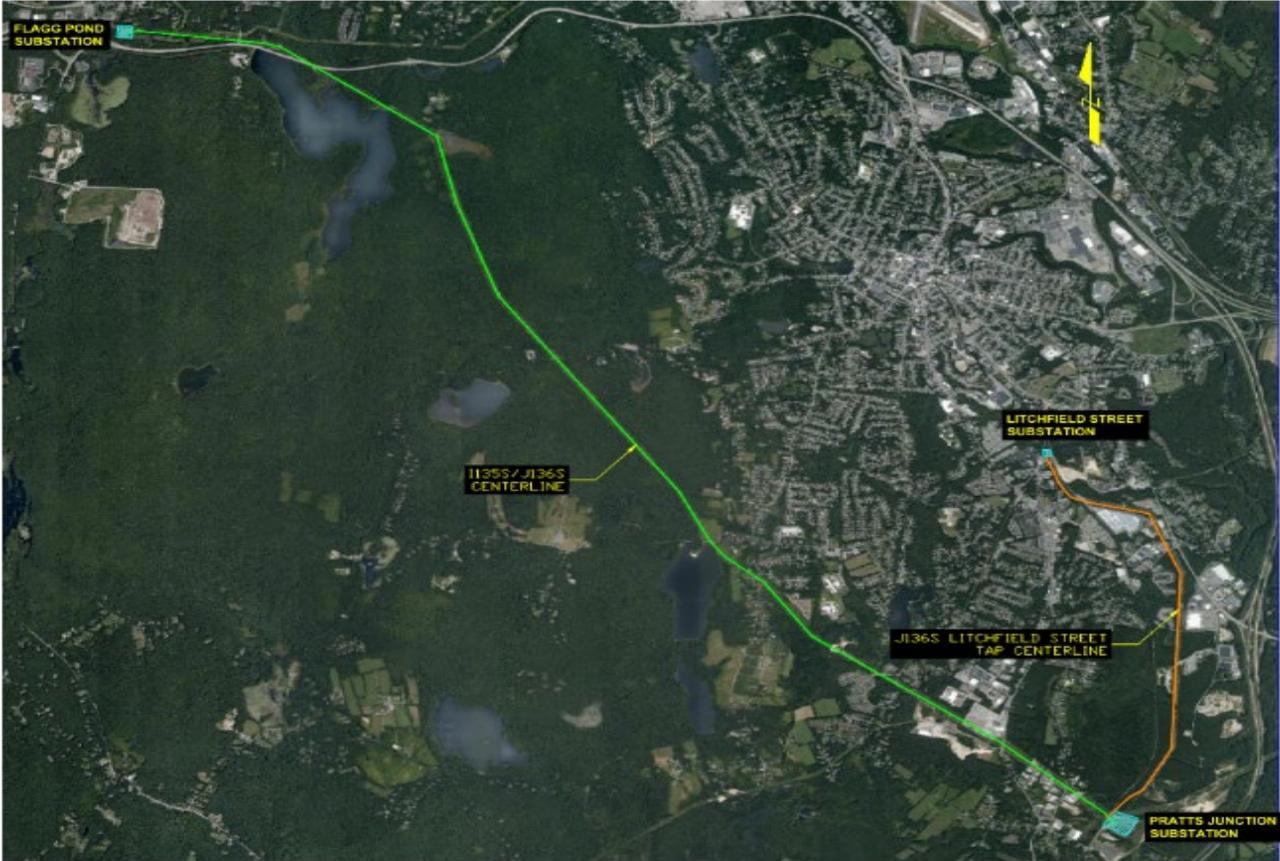
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Existing structure in ROW

I135/J136S Tap Transmission Line Project Overview



LEGEND

-  I135S/J136S 115 KV TRANSMISSION LINE
-  J136S LITCHFIELD STREET TAP LINE
-  SUBSTATION