

Eversource Sudbury to Hudson Reliability Project

Eversource will be constructing a new, 115-kilovolt (kV) transmission line between Sudbury and Hudson, Mass. This upgrade is one of a group of projects designed to improve the reliability of the electric system serving the Greater Boston area, both today and in the future.

Why is the new transmission line being constructed?

The regional system operator who is entrusted by federal law to oversee the safe and reliable operation of the electric grid in New England, ISO-NE, concluded that there are inadequate transmission resources to serve the electricity needs in Metro West. To address these deficiencies and the growing customer demands on the electric system, ISO-NE directed utilities to implement a series of transmission projects. One of the projects is the Sudbury to Hudson Transmission Reliability Project.

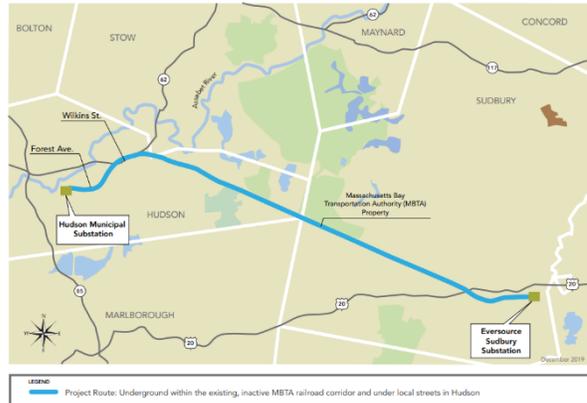
The proposed new 115-kV transmission line between Sudbury and Hudson will provide a new transmission path to supplement the existing system and address identified thermal and voltage problems in the area. It will also support customer demands on the electric system, including those due to electrification, electric vehicle charging, and integration of clean energy into the grid.

Eversource understands the sensitivities surrounding the Project and has worked hard to design the best-possible route, resulting in an all-underground route, including underground within the MBTA corridor and under the streets in Hudson. This route includes coordination with DCR on the establishment of a rail-trail after Project completion.

Quick facts

- **9-mile route**
- **1.4 miles** of underground line in the streets of Hudson
- **7.6 miles** of underground line within an inactive MBTA rail corridor

Sudbury to Hudson Transmission Reliability Project
Project Route Map



Partnership with the Department of Conservation and Recreation (DCR)

Eversource is working with the DCR to co-locate compatible uses within the existing, inactive MBTA corridor. Eversource will conduct the civil work and bridge replacement to prepare the site, install the new transmission line, and leave a compacted gravel sub-base to support installation of a new section of the Massachusetts Central Rail Trail.

After the Eversource project is complete, DCR will pave their trail, install safe road crossings, and complete final restoration of this publicly accessible shared-use path. This partnership and coordination of projects has been designed to avoid and minimize impacts to environmental resource areas while leaving behind a key community recreational asset

Community Outreach

Eversource is committed to working with the community to provide information on the project and answer any questions.

[See back for FAQs >>>](#)

1-833-836-0302

ProjectInfoMa@eversource.com

<https://bit.ly/ESSHsignup>



FAQs

What is the best way to get in touch with someone at Eversource and ask questions?

To learn more about the Project, email **ProjectInfoMA@eversource.com**, call **1-833-836-0302** or visit www.eversource.com/content/sudbury-hudson-project. Receive updates in your inbox by signing up at <https://bit.ly/ESSHsignup>.

How is Eversource going to manage traffic, noise, and any business interruptions?

Eversource recognizes construction activities may be disruptive to business in areas where Project work is occurring. If businesses have concerns with potential interruption, the Project Team will work with them to resolve and mitigate any impact on a specific business that is brought to our attention.

What types of vegetation removal are going to occur in Sudbury and Hudson?

The construction area along the inactive MBTA corridor will range from 18 to 33 ft. wide (on average 22 ft. wide) limit of disturbance to create a 14 ft. access path and to install the underground transmission facility. At manhole locations, the area will be widened to 40 ft. width of disturbance for a total length of 50 ft. Following construction, these areas will be allowed to grow back to a final maintained width of 19 feet.

Will EMF levels be harmful to people using the rail trail?

EMF levels for the new transmission line are far below and a small fraction of well-established national and international guidelines for public exposure to EMF. The World Health Organization has concluded that magnetic fields levels at the levels encountered in an everyday environment, including those near electric power lines, do not lead to adverse health or safety impacts.

Where is Eversource planning to start construction in Sudbury and Hudson?

Planned work activities by approved Eversource contractors, including duct bank and manhole installation, is scheduled to begin near the Hudson Light and Power Department (49 Forest Avenue) and head northeast along Forest Street toward the intersection with Route 62. In parallel, additional approved Eversource contractors will begin work in the inactive MBTA corridor in Sudbury and Hudson.

Has Eversource received all necessary permits for the Project?

Eversource has received all necessary local permits/approvals from the towns of Sudbury, Hudson and Stow and received a written order to proceed from the EFSB.

If there is an imminent need for the Project, how has Eversource been able to delay starting construction up until this point?

The Energy Facilities Siting Board (EFSB) found that the new transmission line will address important reliability needs in the area by resolving potential transmission system overloads, preventing voltage collapse and, thereby avoiding the loss of over 400 megawatts of load and resulting power outages, as well as diversifying available supply sources into the area.

