

Twin States Clean Energy Link – A Ready Path to a Clean Energy Future

What is Twin States and how can it help?

The Twin States is a proposed, 211-mile renewable energy transmission project in Vermont and New Hampshire. The project is designed to deliver Canadian renewable energy, including hydropower, to all of New England.

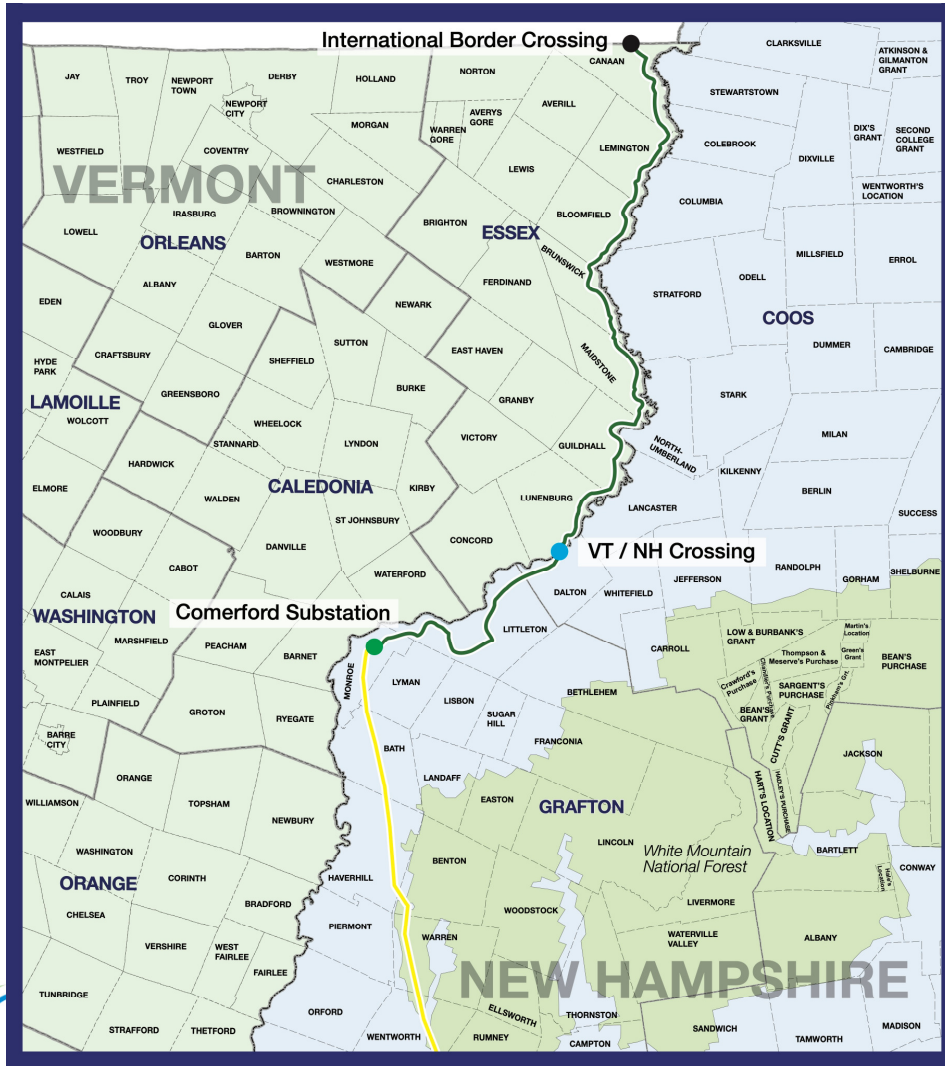
It will support our region's climate goals and increase our supply of affordable clean energy, which has the potential to save customers billions over the first twelve years of operation alone. It will be a balancing resource of power when wind and solar are not available and will replace natural gas as the backup power sources.

As a bi-directional line, Twin States will allow renewable energy producers, including offshore wind, to export excess power to Quebec when it is not needed here in New England.

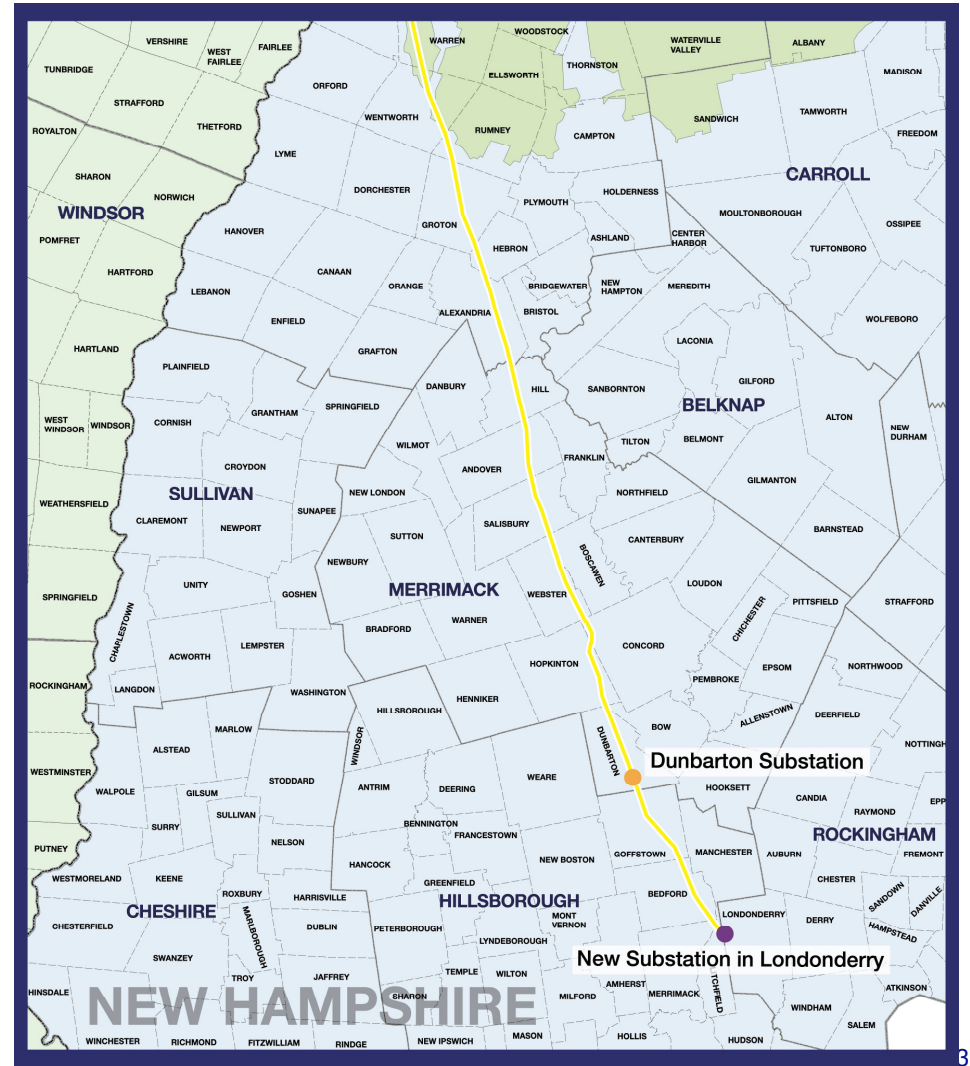
It will rely on existing rights of way along VT and NH roadways to underground the line and also utilize existing transmission corridors in NH, thereby minimizing aesthetic and environmental impacts compared to other projects. Approximately 50 miles of new, underground lines primarily along Vermont Routes 141, 114, 102 and US Route 2.



International Border Crossing, VT & Northern NH



New Hampshire Route



Benefits for Vermont

290	Average new jobs per year in Vermont during project construction
\$112 million	Total project investments in Vermont during project construction
\$28 million	Average annual contributions to Vermont GDP during project construction
\$51 million	Average annual VT energy market savings over the first 12 years of service
\$20 million	To NVDA over the life of the project for their revolving loan fund and grant program
\$160 million	Estimated property tax revenues for VT route towns over the life of the project
\$140 million	Estimated land lease payments to VT over the life of the project

Figures provided by an independent market assessment based on current project estimates

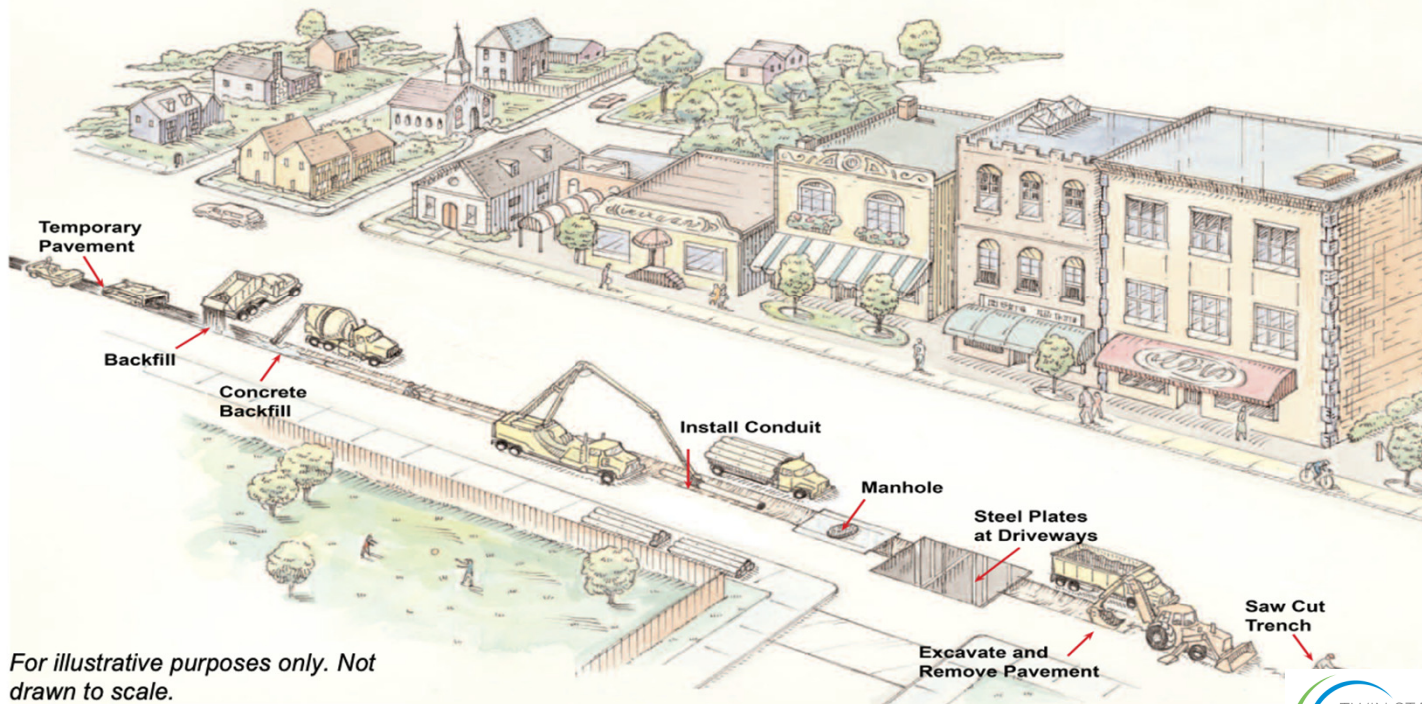
Twin States NEK Community Benefits

Twin States will deliver impactful community benefits to the NEK region.

- \$20 Million to NVDA for their revolving loan fund and grant program.
- Between \$600k and \$750 million annually to each route community in property tax revenue.
- Potential partnership with VEC to provide rate relief to NEK residents.
- Exploring other opportunities with NEK Collaborative, Rural Edge and others to identify additional community benefits.
- Continuing conversations with route communities about specific benefits.
- DOE FOA grant submitted for an additional \$1 million benefits package to support Canaan tech center, resilient hubs throughout NEK and the Essex Co Courthouse.

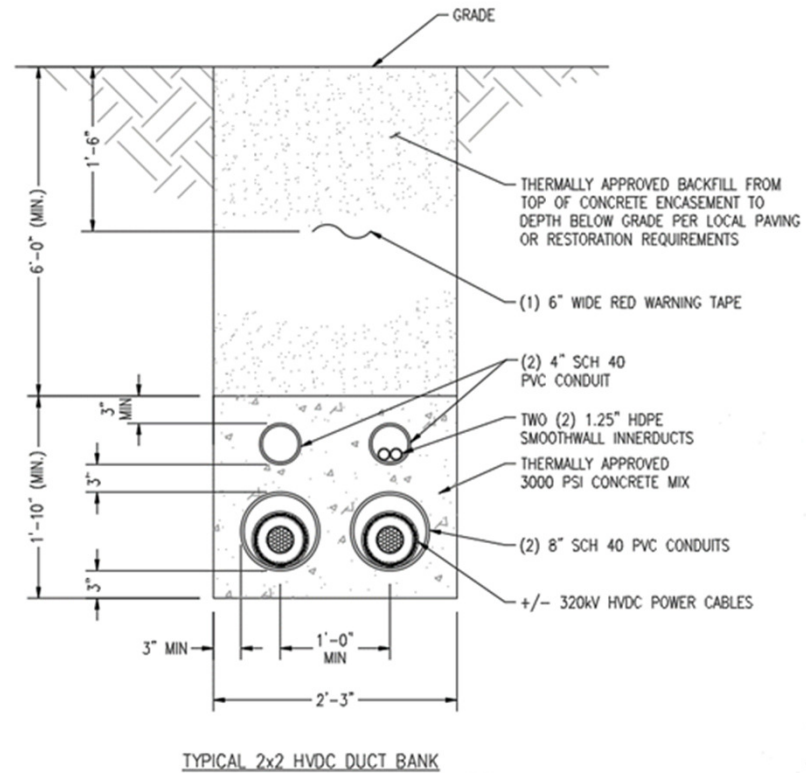
Construction Process

Installation of Underground Electric Conduit



Typical Underground Cross-Section

- Two single conductor extruded dielectric 320 kilovolt DC cables
- Installed in a concrete encased duct bank and manhole system



Construction Process



■ Installation of manholes



■ Mark location of line and dig trench



■ Lay conduit and encase in concrete



■ Backfill trench and install temporary concrete

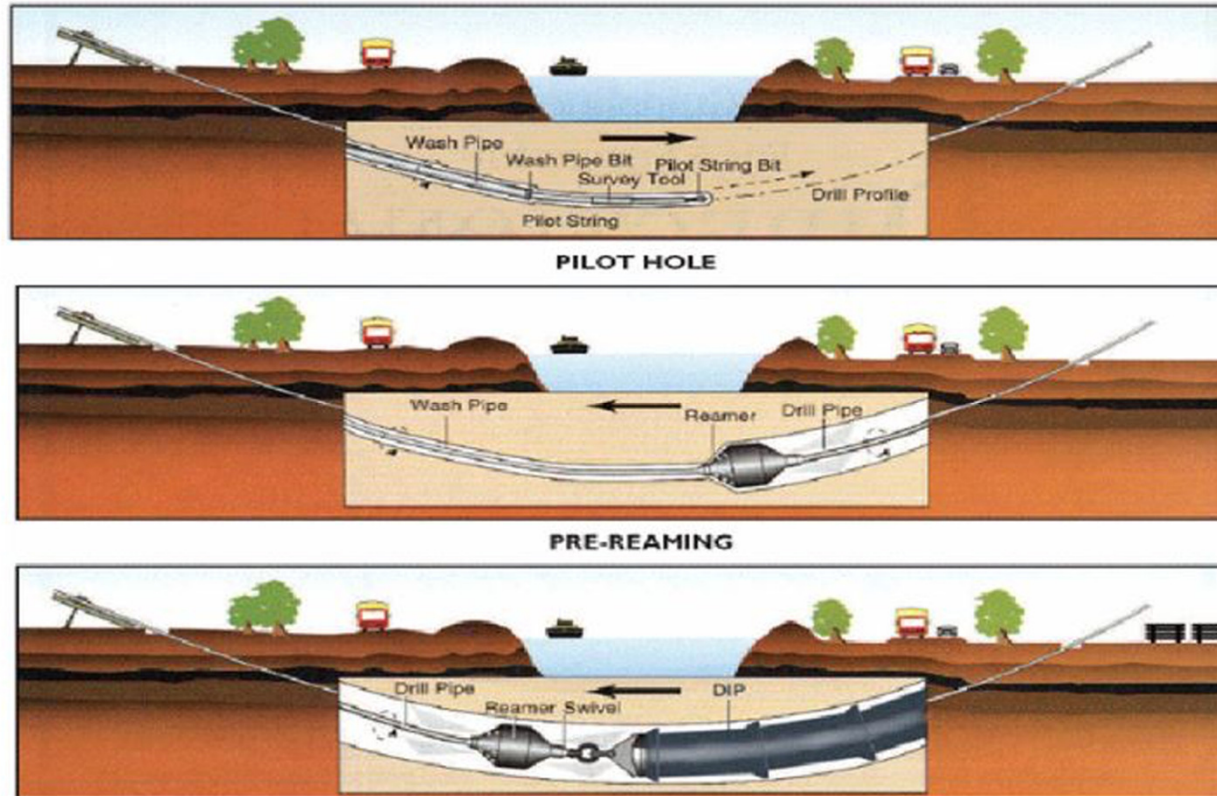


■ Pull and splice cable



■ Final treatment with new asphalt

Typical Horizontal Directional Drill Process

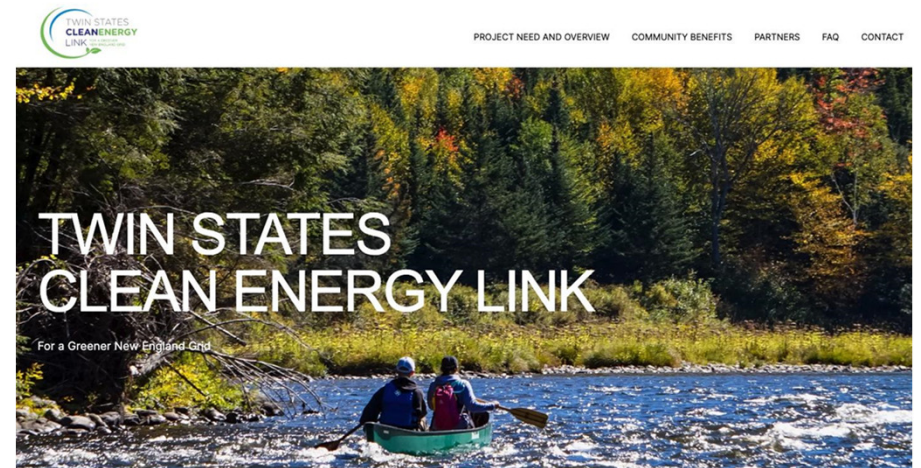


Our Community Commitment

Twin States Clean Energy Link is committed to working together with host communities, residents, businesses, landowners, elected officials, and community groups throughout the application, proposal, siting, and construction processes.

We know from our past work that burying lines and using existing transmission corridors are important ways to minimize visual impacts.

We also understand that communities deserve comprehensive conversations and two-way communication about our work. Through local presentations, town-based community meetings, one-on-one discussions, mailings, a comprehensive website, toll-free hotline number, and other methods we will provide timely, comprehensive information to individuals and groups interested in the project. Above all, the Twin States team is committed to ongoing, open conversations about the project every step of the way.



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