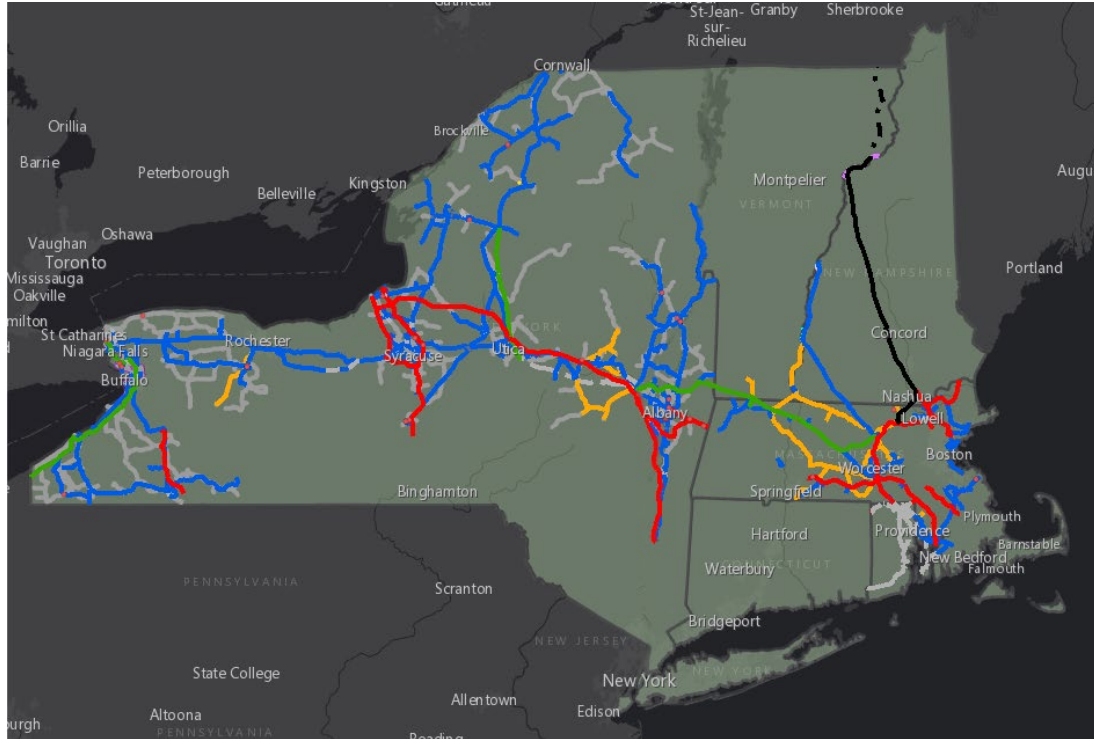




National Grid – New England transmission owner, operator of 2,000 MW New England – Quebec Interconnector



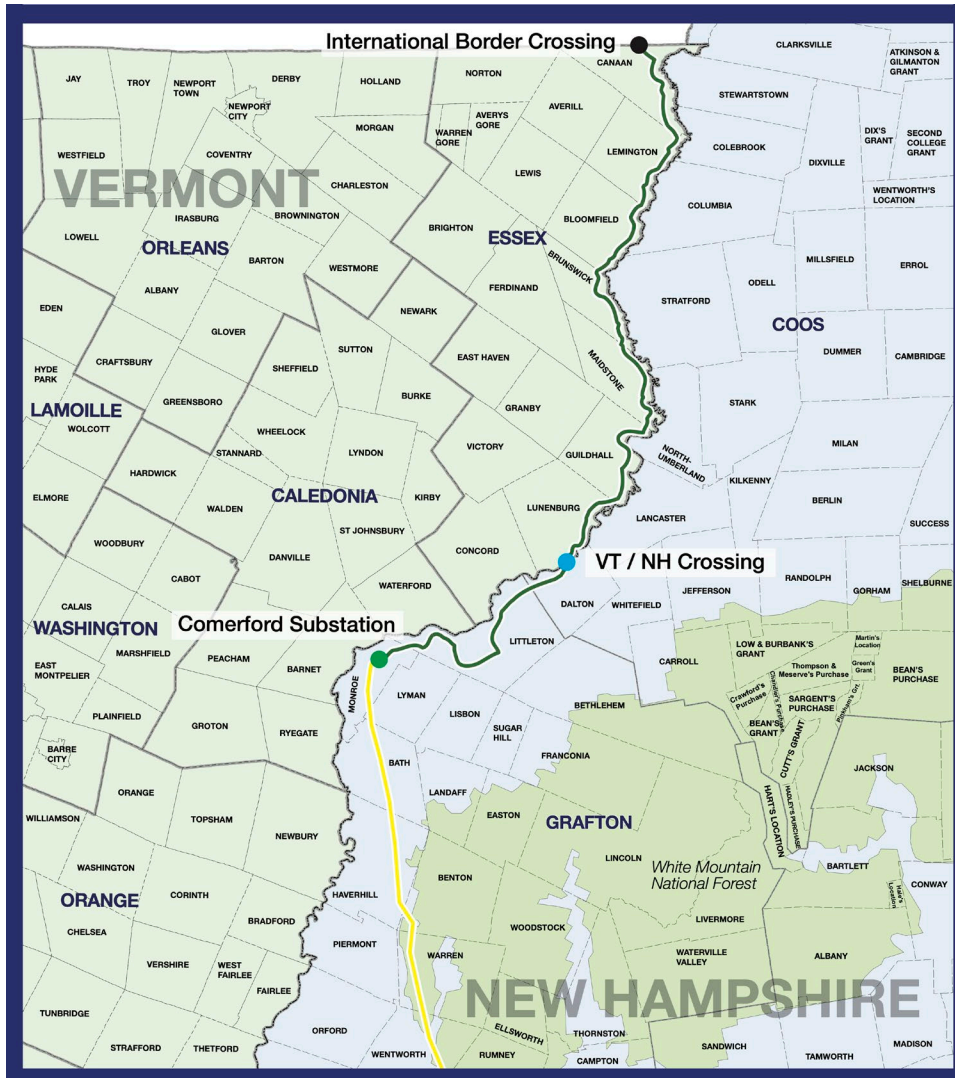
Transmission and Distribution Utility in New England and New York

- Over 9,000 miles of overhead and underground transmission across Massachusetts, New Hampshire, New York, and Vermont
- ~70 miles of transmission in Vermont connecting large wholesale customers (local Distribution Utilities and generators)
- Operator of the US portion of the 2,000 MW New England – Quebec HVDC Interconnector, providing ~10% of New England's clean energy consumption
- Distribution utilities serving Massachusetts and Upstate New York
- Ranked #1 in energy efficiency programs and #3 in distributed solar deployments in the US
- First low income tiered structure program proposed in the US - would offer up to a 55% discount on bills

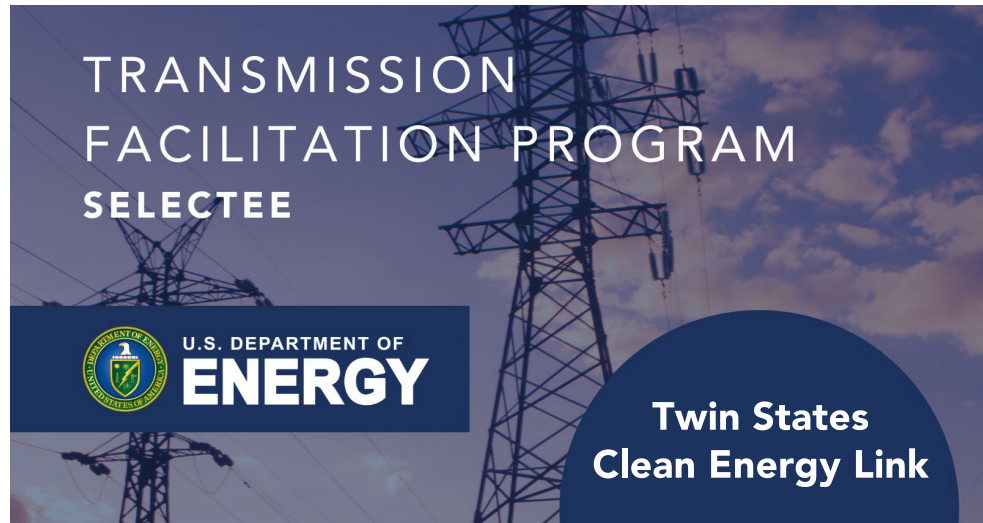
Global utility and largest operator of HVDC interconnectors in the world

- Owner and operator of England and Wales transmission and distribution networks and six HVDC interconnectors, including the Viking Link, the longest underground/sea cable in the world.

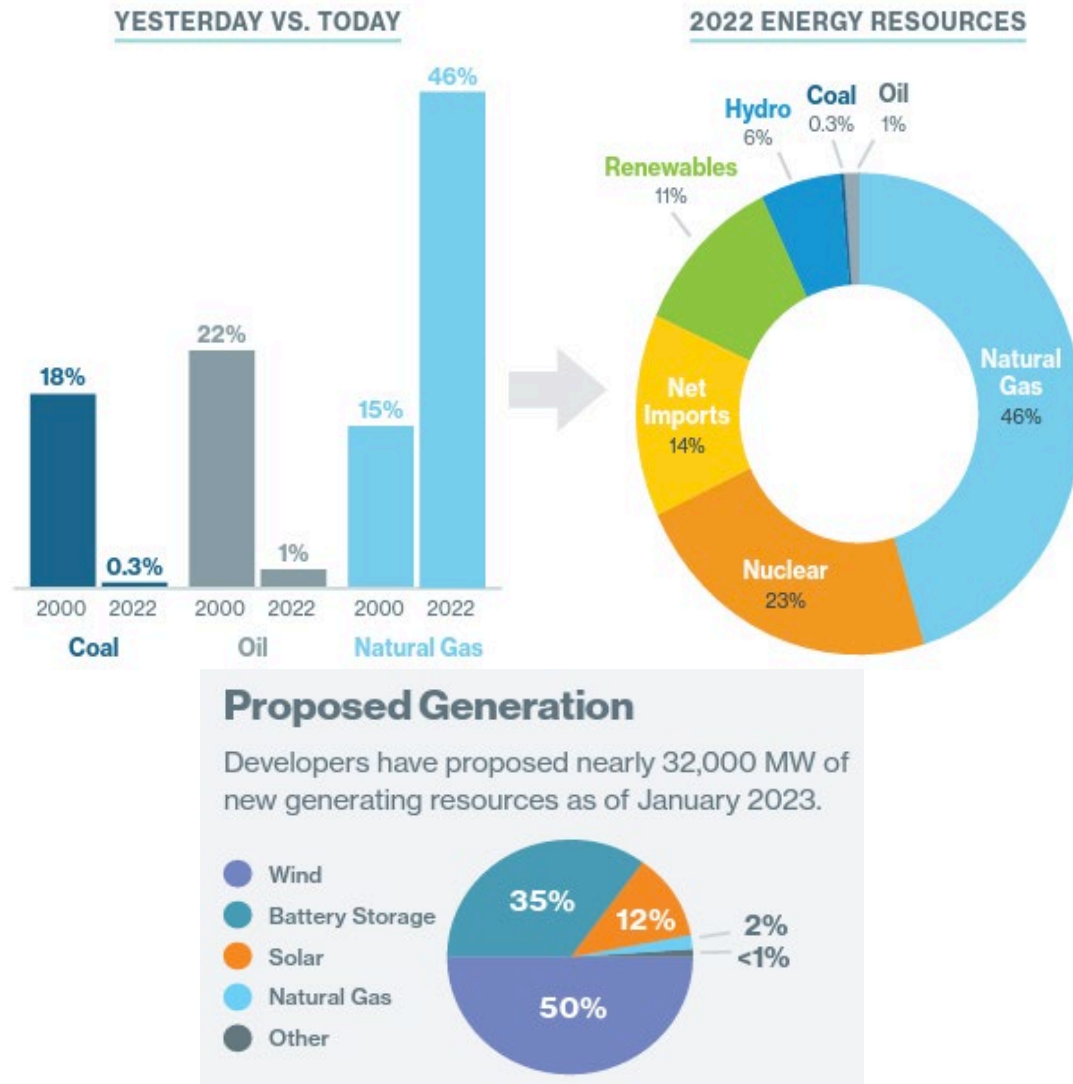
Twin States enables greater exchange of clean energy into Vermont and New England.



- New 1,200 MW HVDC Interconnector between New England and Quebec, Canada enabling bi-directional flows of clean hydro and wind resources from Quebec and New England.
- Acts as a long-duration **“green energy battery”** such that it can balance variable resources with clean energy.
- Relies on **existing rights of way along Vermont and New Hampshire roadways to underground the line and also utilize existing transmission corridors and substation real estate** in New Hampshire, thereby minimizing aesthetic and environmental impacts.



How New England generates power today, and in the future



National Grid

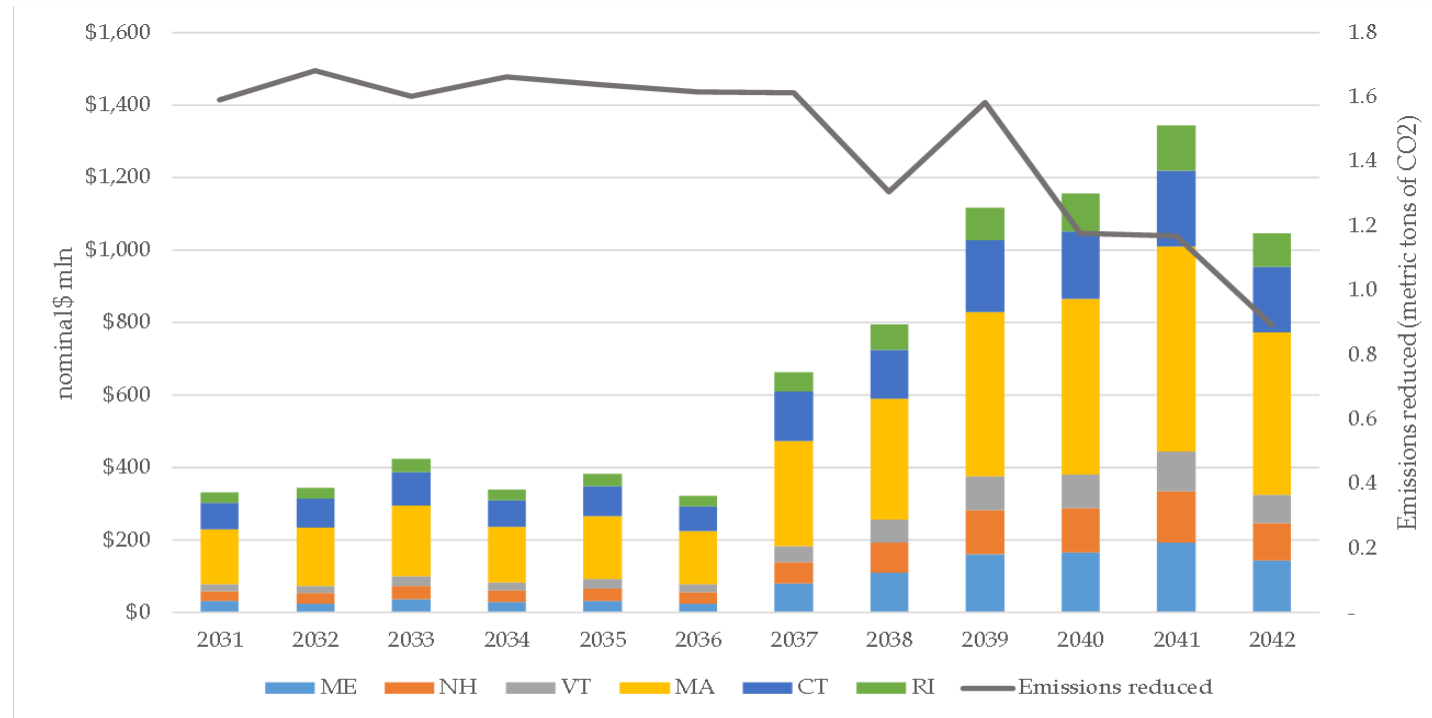
Where does our power come from now?

- Even with retirements, New England's power supply remains heavily reliant on fossil fuel generation, mostly natural gas, that emits a significant amount of greenhouse gases.

Where will New England's future power supply come from?

- The region's state policymakers have set aggressive goals to make our power supply greener
- Meeting these goals requires the connection of lots of wind and solar generation over the coming decade—and importing a significant amount of Canadian clean energy.
- This transition will create thousands of new good paying local jobs
- In fact, the Energy Transition, as it is called, will be the largest transformation of how we produce our power in a lifetime

Significant benefits to Vermont customers and all New England states



The energy market savings (combined for ISO-NE footprint) range from \$322 million to \$1,344 million in 2031-2042 period, while the CO2 emission are reduced by 1.5 million metric tons a year (cumulative reduction of 17.5 million metric tons).

- **\$51 million** in average annual energy market savings for Vermont during first 12 years in service (2031-2042)
- **\$28 million** in average annual Vermont GDP impact during construction period (2026-2030)
- **290** average annual new jobs created in Vermont during first 12 years in service (2031-2042)
- **\$160 million** in estimated property tax revenues to Vermont route towns over life of project
- **\$140 million** in estimated land lease payments to Vermont over life of project

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

Our Community Commitment

Twin States Clean Energy Link is committed to working together with host communities, residents, businesses, landowners, elected officials, district utilities 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.



[PROJECT NEED AND OVERVIEW](#) [COMMUNITY BENEFITS](#) [PARTNERS](#) [FAQ](#) [CONTACT](#)



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