



**An electric transmission project proposed by the Green Line Infrastructure Alliance to unlock and deliver clean, reliable and affordable power to New England by harnessing wind supply in New York, firmed up by Canadian hydropower.**

## OUR PROPOSAL

The Green Line Infrastructure Alliance proposes to build a 60-mile underground and underwater electric transmission cable to deliver 400 megawatts of clean energy to New England—enough to power nearly all Vermont homes during peak demand. The preferred cable route will interconnect with the existing power grid at a new converter station in Beekmantown, New York, travel under Lake Champlain, and connect to another new converter station in New Haven, Vermont. All land cables will be underground.

## WHY DO WE NEED VERMONT GREEN LINE?

New England is at an energy crossroads. Electricity customers pay among the highest electricity prices in the continental U.S. and demand for affordable clean electricity is exceeding supply. The states are required to bring in renewable energy to New England and those goals can be met by transmission lines carrying wind energy. The combination of constraints on natural gas and retiring coal plants requires immediate, cost-effective transmission solutions that will benefit us now and in the future.

| VERMONT GREEN LINE SNAPSHOT |   |
|-----------------------------|---|
| <b>DEVELOPERS</b>           | Anbaric & National Grid   |
| <b>PURPOSE</b>              | Clean, renewable and reliable electric transmission for New England   |
| <b>COMPONENTS</b>           | <ul style="list-style-type: none"> <li>• ~6 miles of underground cable in NY</li> <li>• ~40 miles of sea cable under Lake Champlain</li> <li>• ~13 miles of underground cable in VT</li> <li>• Converter stations at each end of the cable</li> </ul> |
| <b>LOCAL INVESTMENTS</b>    | • Estimated \$600 million   |

## BENEFITS

### ECONOMIC

- Lower electricity costs
- Construction jobs & economic development in NY & VT
- Long-term property tax and other revenues in NY & VT
- Expands energy markets in NY

### RELIABILITY

- Proven advanced technology
- Innovative combination of wind + hydropower
- Aid in power restoration
- New infrastructure to move power where it's needed
- Diversifies power supply

### ENVIRONMENT

- Environmentally sound construction & operation
- Clean, green power sources
- Reduces GhG emissions
- Helps New England meet renewable energy goals

**AFFORDABLE, SUSTAINABLE & BUILDABLE**

## COMMUNITY COLLABORATION

Successful transmission projects are a function of open, collaborative and regular communication with host communities, local elected officials, town management, residents, landowners, businesses and community groups. We commit to working with all stakeholders, making our team available to listen to feedback and provide updates on project progress.

## PERMITTING & APPROVALS

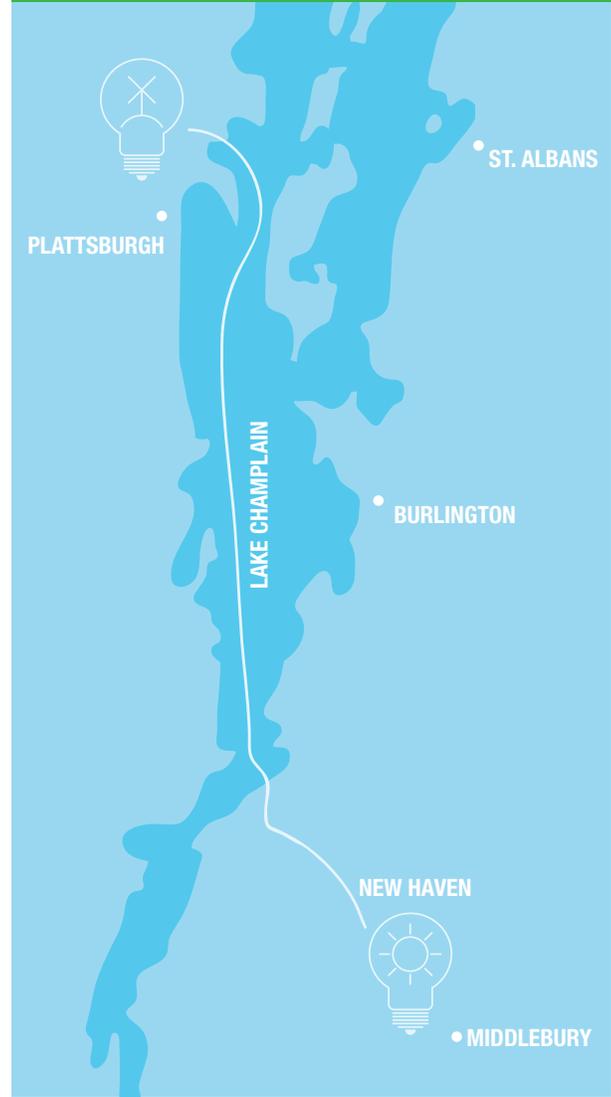
A project of this type undergoes extensive federal, state and local permitting processes. The following is a high-level glance at the approvals the project will need in order to be built:

|                            |   |
|----------------------------|---|
| <b>FEDERAL</b>             | U.S. Army Corps of Engineers<br>U.S. Fish & Wildlife Service  |
| <b>STATE (VT &amp; NY)</b> | Public Service Commissions<br>Depts. of Transportation<br>Historic Preservation Offices<br>Depts. of Environmental Conservation |
| <b>LOCAL (VT &amp; NY)</b> | Town Road Approval  |

### ABOUT THE ALLIANCE COMPANIES

- **NATIONAL GRID**, one of the world's largest transmission companies, and **ANBARIC**, an innovative transmission developer, have joined forces to address urgent energy issues facing New England.
- National Grid's scope, scale and experience, combined with Anbaric's strong track record of getting large-scale projects built to serve regional needs, have what it takes to deliver.
- Both companies have deep roots in New England and New York.

## VERMONT GREEN LINE ROUTE



## PROJECT TIMELINE

The states of MA, RI and CT are issuing an RFP for clean energy projects. The time is now to implement this clean energy transmission solution. Our experienced team is prepared to rapidly advance the project. After permits are received, construction can start as early as 2017 with an estimated 2019 in-service date.