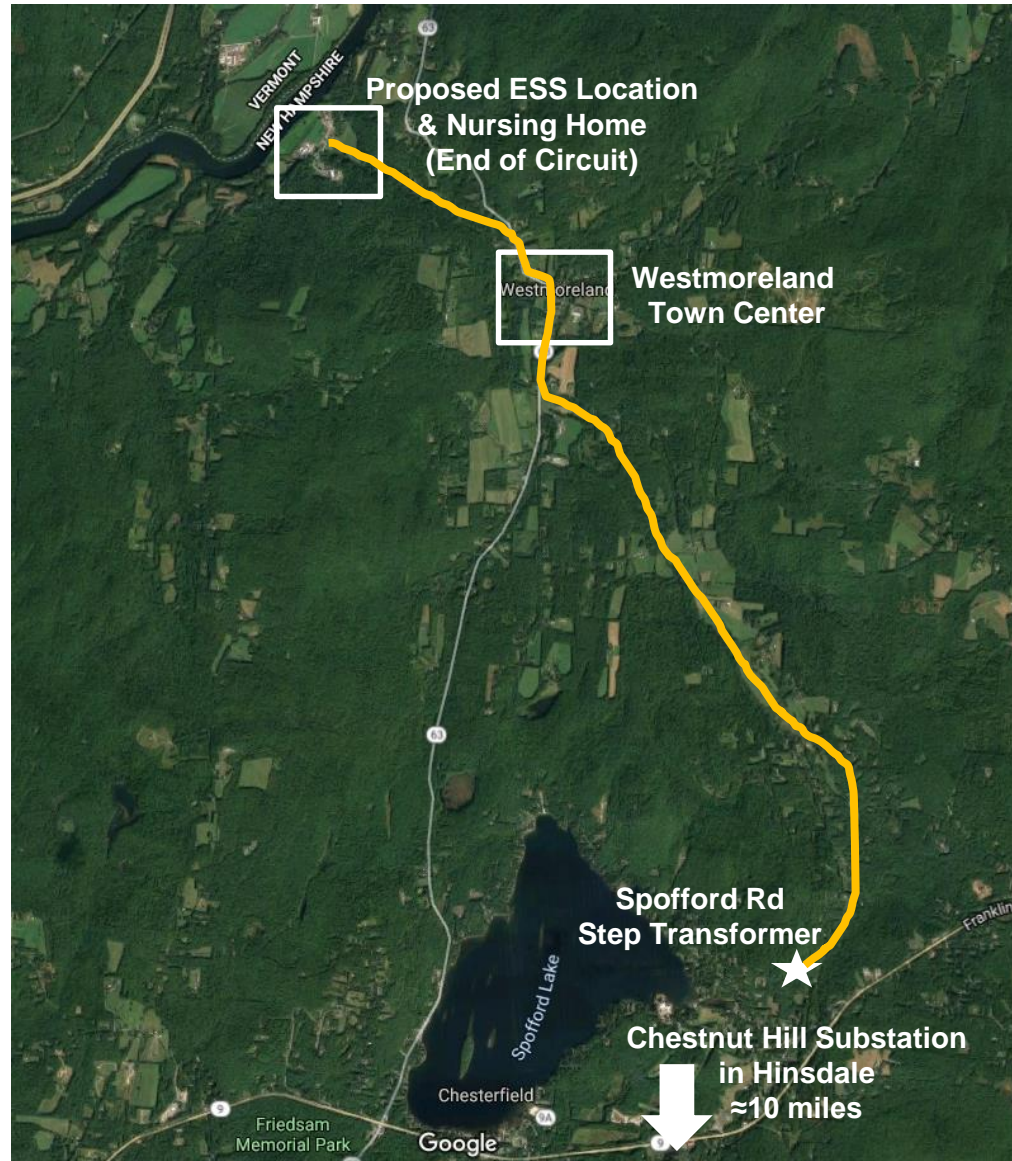


The Westmoreland Clean Innovation Project

May 22, 2019

Westmoreland Clean Innovation Project



Westmoreland Clean Innovation Project



Background

- Westmoreland is served by a single radial distribution line (not looped and therefore more prone to outages).
- Customers in Westmoreland have experienced a total of **27** outages with a total duration of **97** hours with an average of **2.6** outage hours since November 2012.
- We are seeing an increase in major storms (“Storm of the Century” now happens every few years) so we have to proactive or these numbers will only grow.

Proposal

- Our proposal to address this is to work with the Town and County to create the Westmoreland Clean Innovation Project.
- It will consist of a coordinated portfolio of:
 - energy efficiency audits and incentives for town residents, businesses, and the town itself
 - incentives for customer-owned batteries for those town residents who wish to participate
 - a battery storage project to provide at least 4 hours of back-up power or more in the event of an outage

Benefits

The Westmoreland Clean Energy Project WILL:

- dramatically improve reliability in the Town of Westmoreland,
- avoid construction of a 10-mile line from Keene, and
- reduce yearly and monthly peaks, saving money for all New Hampshire customers.

The Westmoreland Clean Energy Project WILL NOT:

- increase customer rates, or
- require any action from any customer who does not wish to participate.

Sample Customer Offerings

Program Parameters

Thermostat

- \$20 for signing up
- \$25 per year for staying in the program
- Allow Eversource to turn down cooling a few times in the summer

Devices



Battery

- 50%-60% contribution toward overall cost of back-up battery in home
- Allow Eversource to call on the battery a few times per month when not needed for outages



Electric Vehicle

- Provide ~\$400 upfront credit toward cost of home electric vehicle charger
- Allow Eversource to adjust charging patterns from 5 pm to 7 am



Timeline

- Seek to brief town/county residents and officials in 2019, including hold public workshop, town energy fairs, etc.
- At the same time, proposal will go through review by the Public Utility Commission
- Seek to start work on the project in May 2020 and to have the project and all its benefits in service in 2021