

Seacoast Reliability Project (SRP)



New Hampshire Site Evaluation Committee

Public Information Session

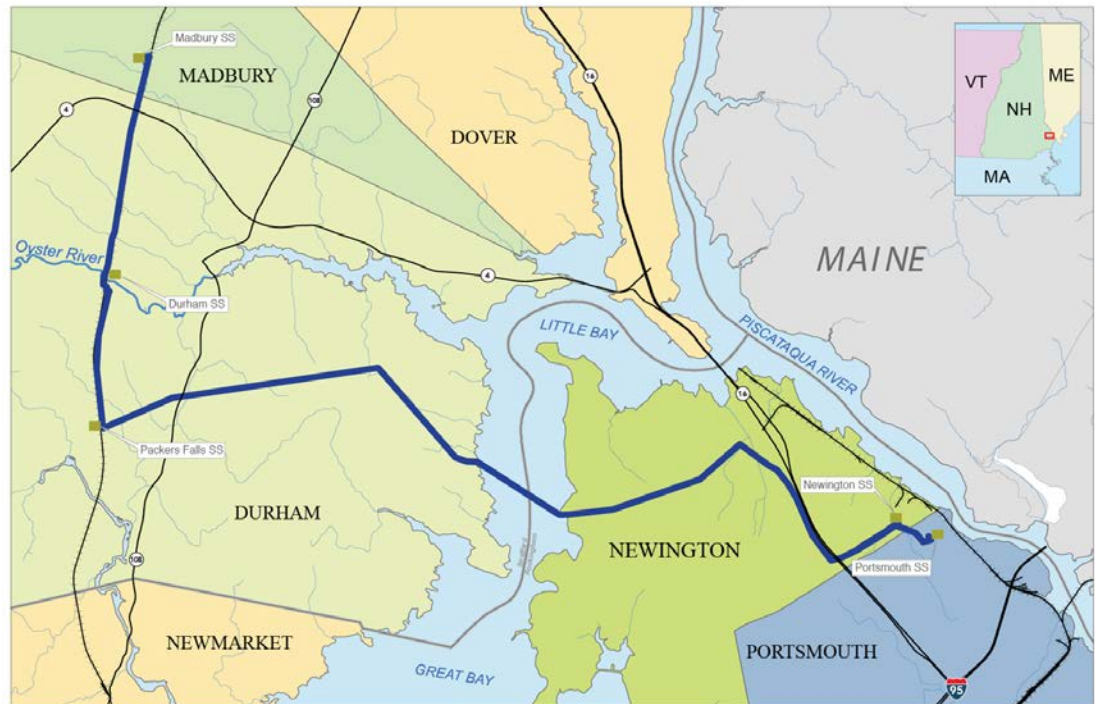
July 14, 2016

Strafford County

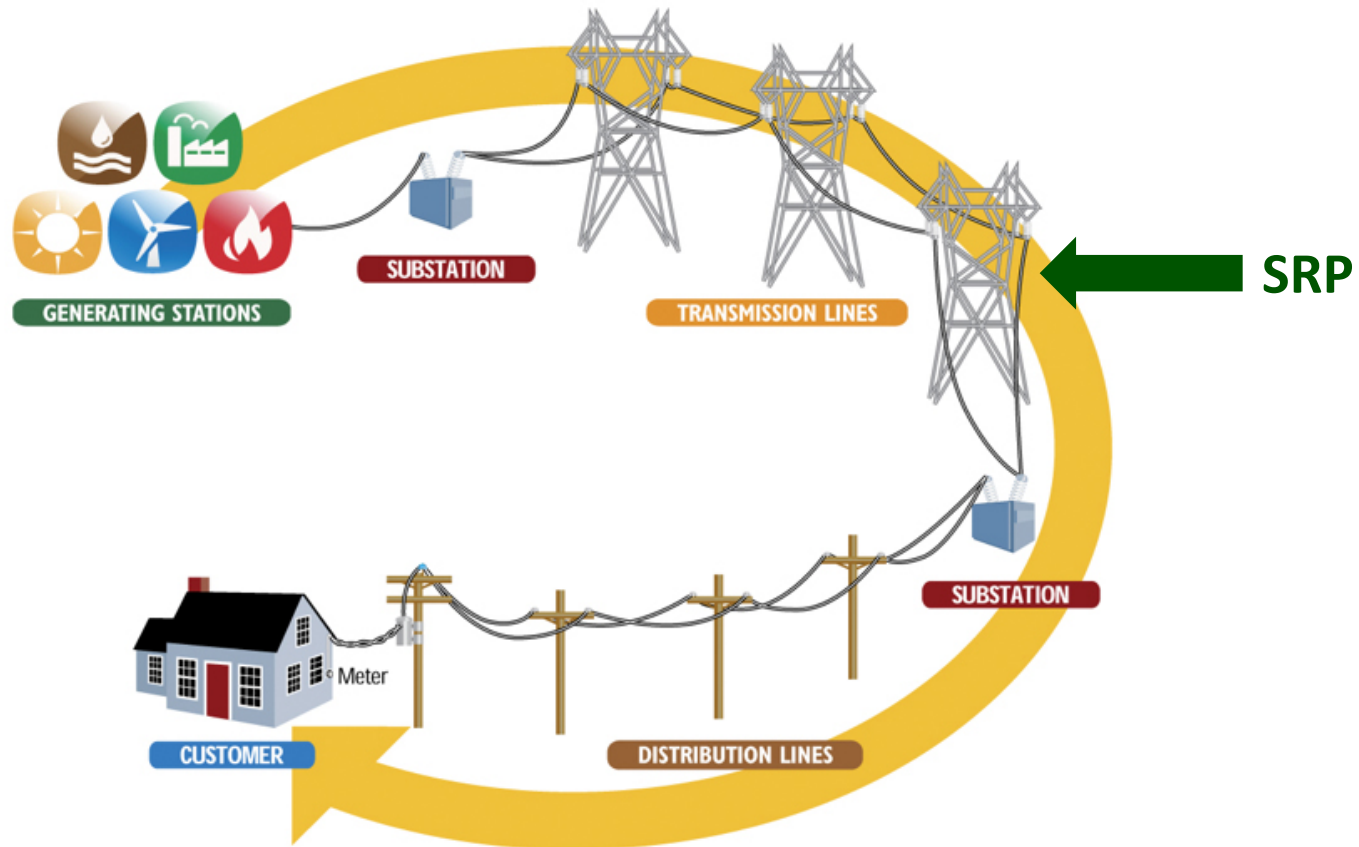
Durham, NH

Project Siting Status

- Seacoast Reliability Project- 13 mile 115kV transmission line project proposed to the Site Evaluation Committee (SEC)
- Pre-application Public Information Sessions: April 22 and 23, 2015
- Submitted Application to SEC: April 12, 2016
- Completeness Determination: June 13, 2016
- Post Application Public Information Sessions required within 45 days

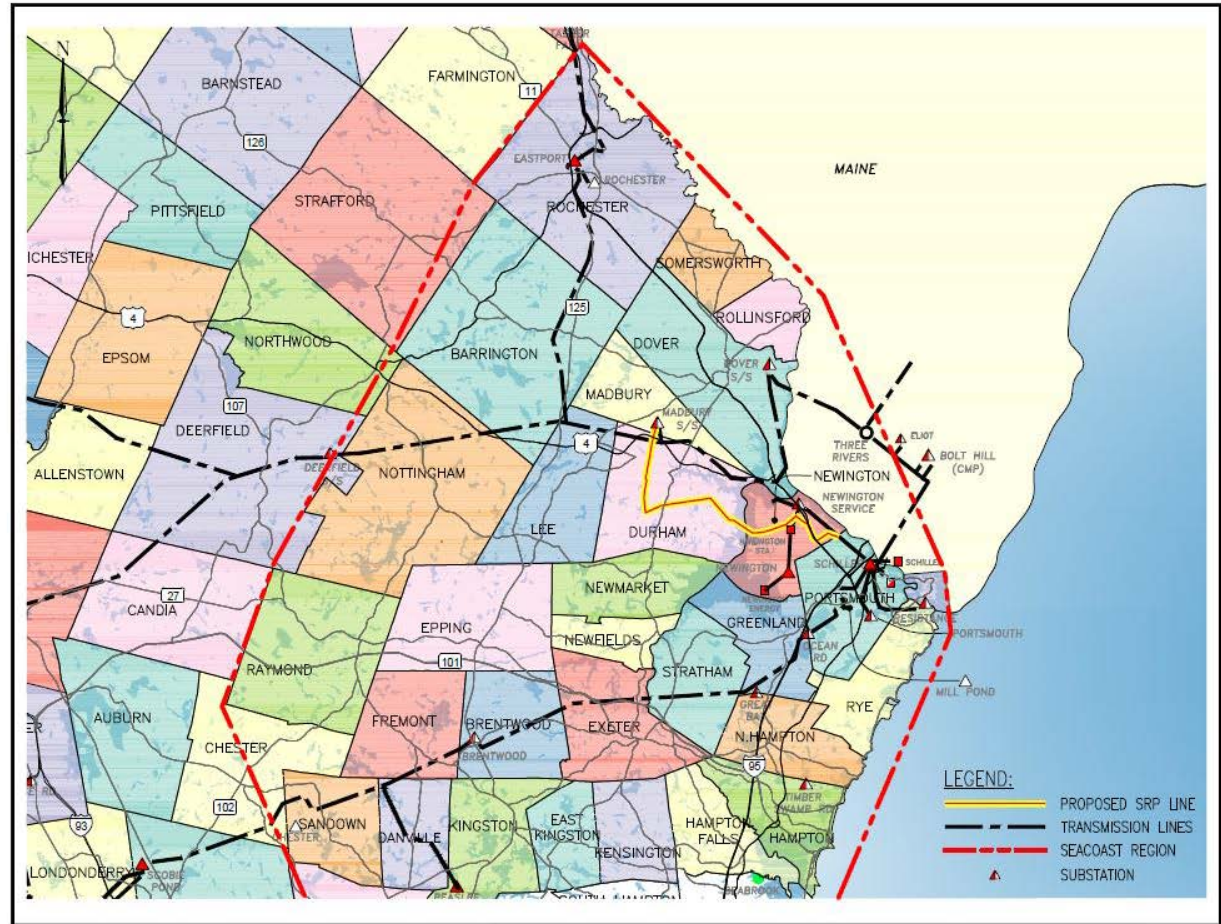


- SRP is an **electric transmission reliability project**
- Transmission lines are like the interstate highway system
 - Backbone of the electric system; a network that transfers bulk electricity



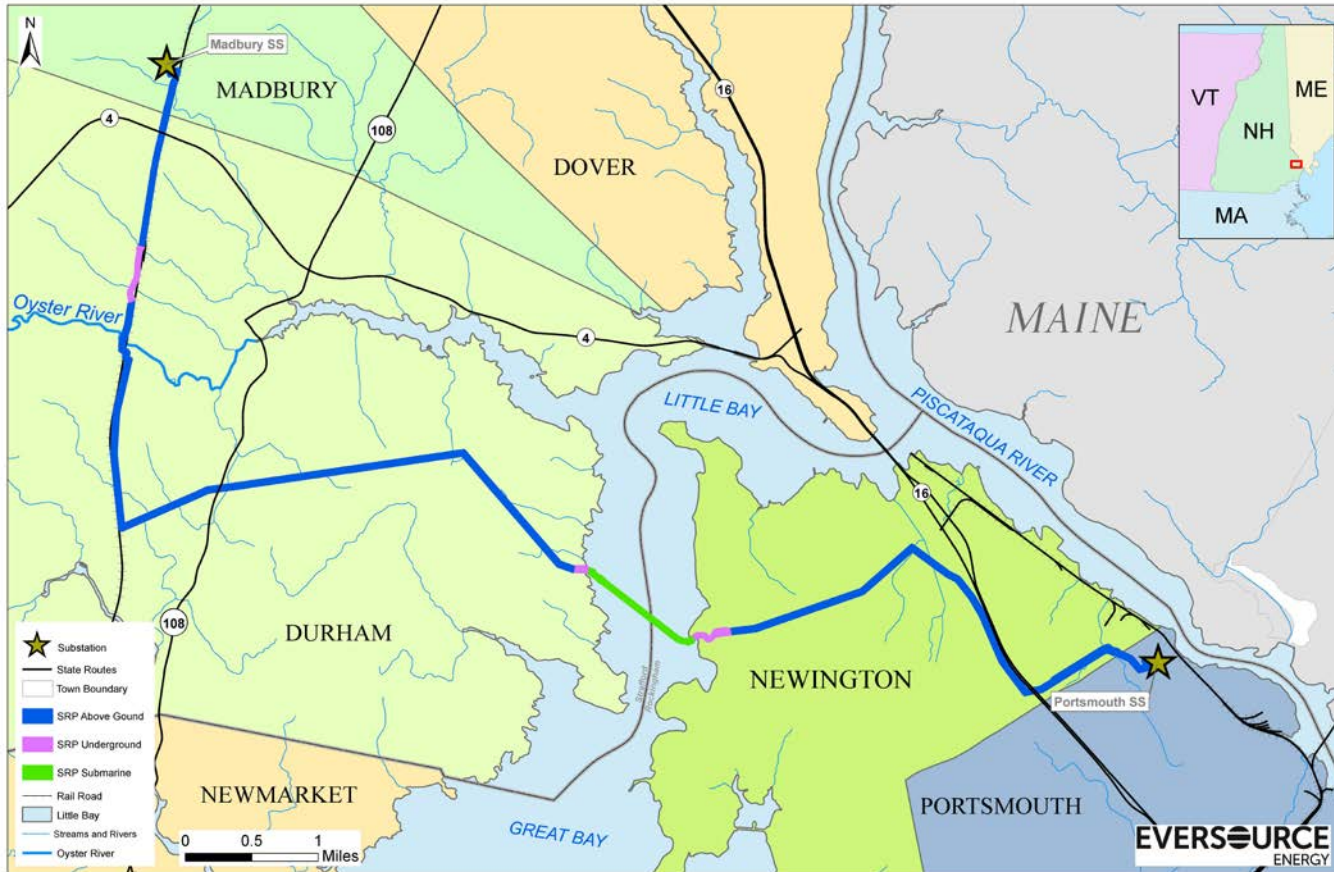
Seacoast Regional Need

- Electric demand, in portions of the New Hampshire Seacoast Region, is growing at twice the rate as the rest of the state.
- At today's electrical demand levels, there is a risk for power outages for large groups of customers in the Seacoast Region.
- The Independent System Operator of New England (ISO-NE) has determined that the Seacoast region needs additional transmission capacity to support reliable electric delivery.



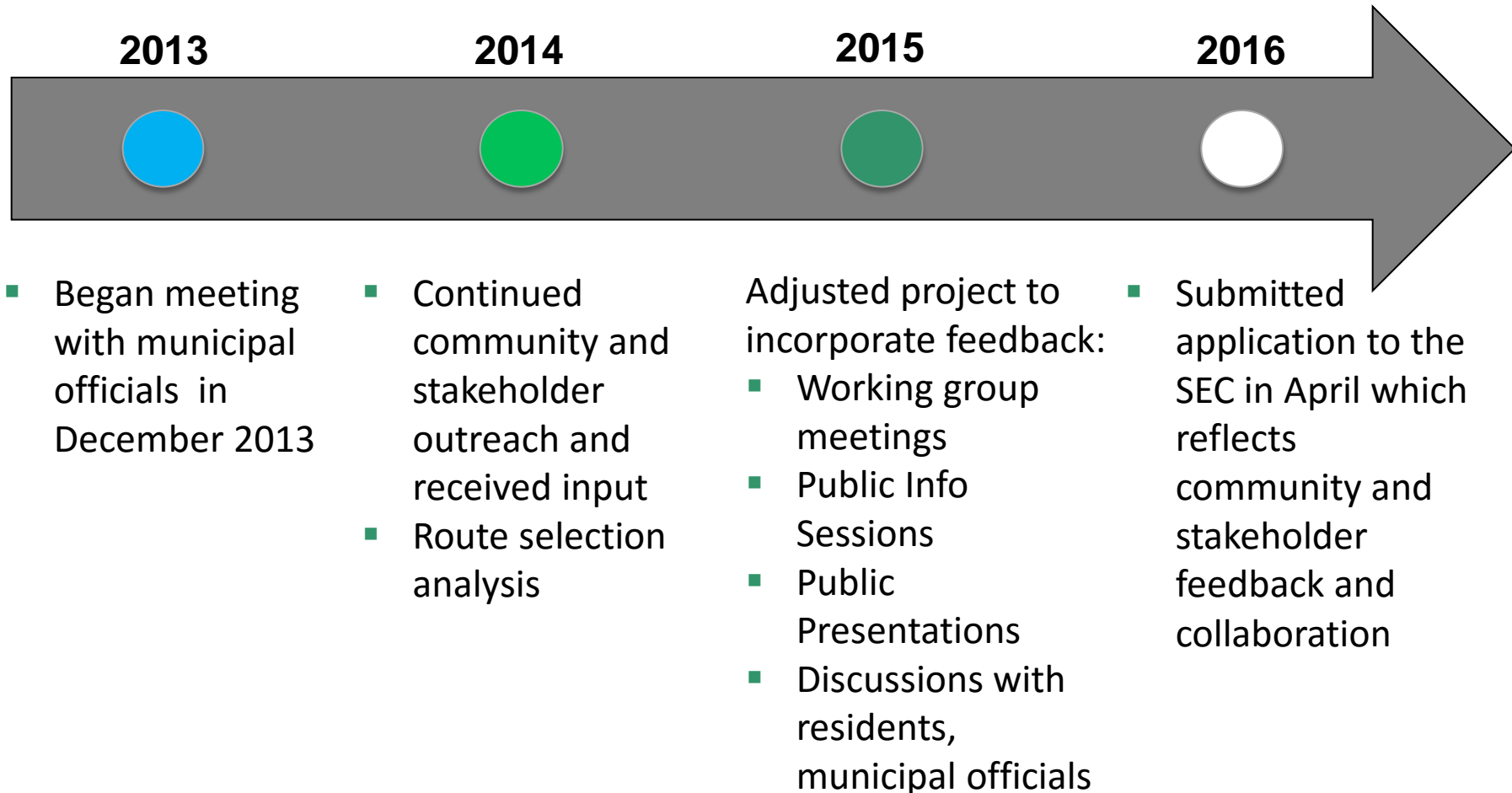
Eversource is proposing the Seacoast Reliability Project to address this Seacoast Regional need.

Proposed Route



A new 115-kV transmission line connecting Madbury and Portsmouth substations

- The proposed transmission line is approximately 13 miles long and includes a combination of overhead and underground design mostly in existing Eversource power line corridors traversing portions of the towns of Madbury, Durham, Newington and the City of Portsmouth.
- Little Bay crossing will include utilization of specialized marine cable.



- 120+ Key Stakeholder Meetings/Briefings
 - Legislators, municipal officials, regulators, environmental groups, oyster farmers, chambers of commerce, rotary clubs, UNH, and businesses, among others
- 80+ Residential Meetings/Briefings/Site Visits
- Project Bus Tour: Durham
- Letters of Support submitted to the SEC
 - Madbury, UNH, Dover, Somersworth, Dover Chamber and Greater Rochester Chamber
- Letter of Collaboration submitted to the SEC
 - Durham



Madbury

- Adjacent to Railroad –
Expanded right-of-way
 - Reduced number of structures
 - Lowered structure heights
- Madbury Road Crossing–
Expanded right-of-way
 - Reduced structure heights by over 20 feet



Durham

- Adjacent to Railroad – Expanded right-of-way
 - Lowered structure heights
 - Reduced the number of structures
- Underground Design at UNH
 - From A-Lot under Main Street rising above ground at Colovos Road
- Durham neighborhood – Revised line design
 - Revised line design per neighborhood feedback
 - East of Route 108 just past Sandy Brook Drive
- Little Bay transition structure relocation
 - Reduced visibility of transition structure from Little Bay
- Various individual structure relocations
- Design modifications at road crossings
- Upgrades to local distribution



- **State and Federal Agencies**

- New Hampshire Department of Environmental Services
- New Hampshire Fish & Game
- New Hampshire Natural Heritage Bureau
- United States Army Corps of Engineers
- United States Environmental Protection Agency
- National Marine Fisheries Service

- **Organizations**

- The Nature Conservancy
- Great Bay Resource Protection Partners
- Oyster River Local Advisory Committee;
Lamprey River Advisory Committee
- Oyster Aquaculturists



Newington

- Relocated right-of-way for the submarine cable landfall
 - Reduced residential impacts and shore land disturbance
- Relocated existing Distribution line from a portion of the right-of-way
 - Less infrastructure visible
 - Allows for fewer and shorter new transmission structures
 - Results in upgrades to local distribution
- Historic District
 - Reduced structure heights
- Crossing at Fox Run Mall
 - Relocated structures to avoid impacts to parking spaces



Potential Line Design Change

- Underground line sections if property rights can be secured

- The proposed transmission line will improve electric service reliability to the Seacoast Region to meet current and future customer demand
- Local distribution system upgrades will result in improved residential reliability in portions of Durham and Newington
- Direct jobs (construction) and indirect (hotels, restaurants, etc.)
- Significant local investment → Approximately \$77M* in NH

NH Town/City	Est. Investment* (rounded)
Madbury	\$3.5 million
Durham	\$41.0 million
Newington	\$28.3 million
Portsmouth	\$4.6 million

*Based on cost estimates as of February 2, 2016. Actual level of investment in the community will depend on the assessed value of what is ultimately built in each community.

Seacoast Reliability Project Timeline*

	4 th Q 2014	1 st Q 2015	2 nd Q 2015	3 rd Q 2015	4 th Q 2015	1 st Q 2016	2 nd Q 2016	3 rd Q 2016	4 th Q 2016	1 st Q 2017	2 nd Q 2017	3 rd Q 2017- 3 rd Q 2018
Initial Project Update to Municipal Officials												
Pre-Application Public Information Sessions (2)												
File Application with the Site Evaluation Committee (SEC)												
SEC Accepts Application												
Post-Application Public Information Sessions (2)												
SEC/Agency Joint Public Hearings (2)												
SEC Hearings												
SEC Decision												
Start of Construction**												
Stakeholder Outreach												

*Subject to Change

**Pending Siting Approval

Projected In-Service Date: Third Quarter 2018

We're always available to respond to your comments/questions.



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