



2021 Business Partner Event

The event will begin shortly



2021 Business Partner Event

Welcome

Housingkeeping



You are muted



The session is
being recorded



No Q&A

Lots of chances to
ask questions during
booths and breakout
sessions



A Few Words from a Surprise Guest



Todd Selig

Administrator, Town of Durham, NH



Aerial view of downtown Main Street and structures, Durham, NH. Some UNH buildings can also be seen in the distance. *Photo courtesy DCAT Studios*

KING TIDE EVENTS OFFER A GLIMPSE INTO THE FUTURE

King Tide is a colloquial term for an especially high tide that occurs only a few times per year.

View of the Town of Durham's Old Landing Park during a recent King Tide. *Photo courtesy Michael Drooker*





Durham is home to the UNH Wildcats. *Courtesy Todd Selig*

The new
Kenny Rotner
pedestrian
bridge set in
place on its
foundations
over the
freshwater
portion of the
Oyster River
upstream of
the Mill
Pond. *Photo
courtesy DPW.*



WAGON HILL FARM LIVING SHORELINE RESTORATION PROJECT

A living shoreline uses a variety of structural and natural materials such as wetland plants, submerged aquatic vegetation, oyster reefs, coir fiber logs, sand fill, and stone to reduce erosion. It can be designed to adapt to sea-level rise—naturally building elevation as water levels increase and eventually moving upland if water rises too quickly and if space allows.



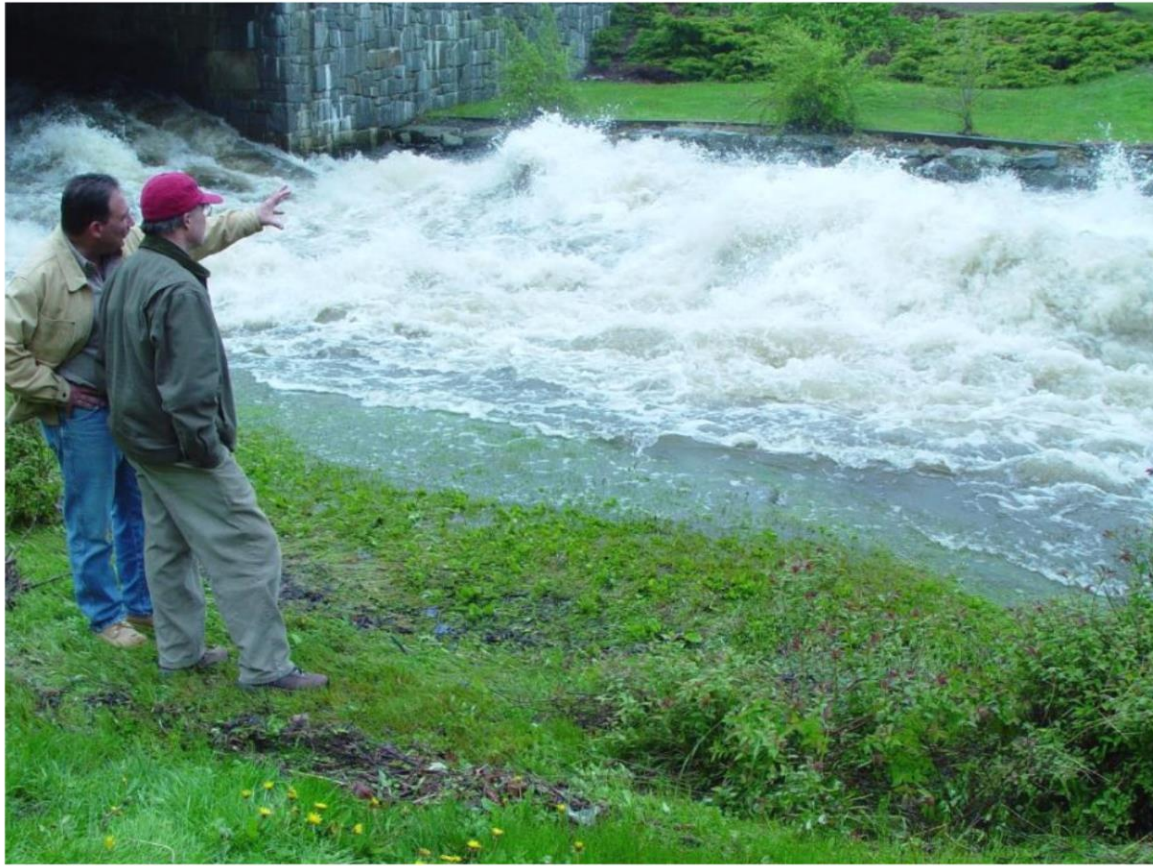
Above: View of Durham's Wagon Hill Farm park shoreline illustrating the need for stabilization and restoration. *Photo courtesy Todd Selig*



Left: View of completed shoreline restoration at Durham's Wagon Hill Farm park. *Photo courtesy Todd Selig*

RECURRING SUPER STORM EVENTS AND THEIR IMPACTS

New Hampshire coastal communities are particularly vulnerable to coastal storms which result in flooding and power outages.

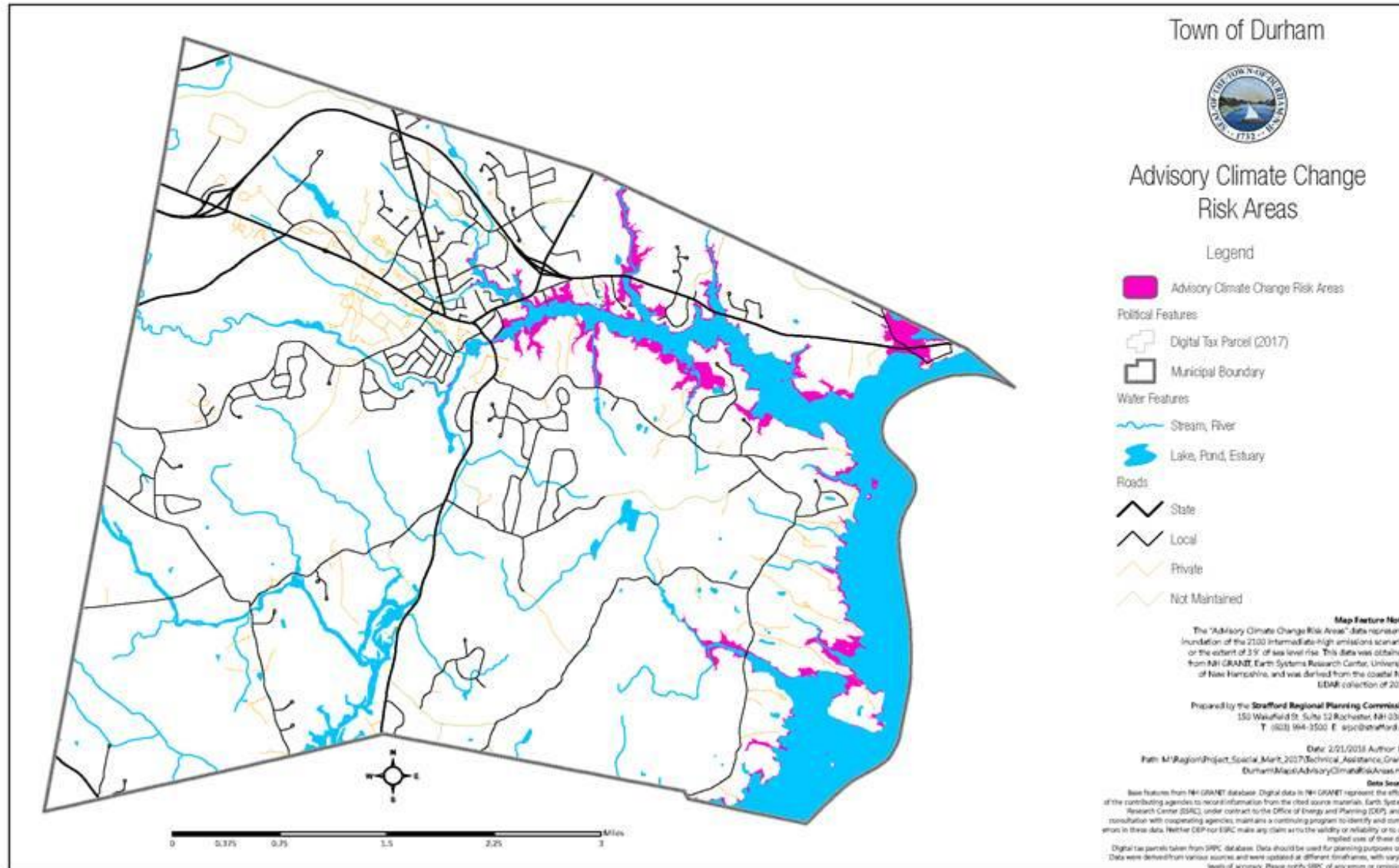


Durham's Director of Public Works and former Town Engineer assess the situation of flood waters at Old Landing Park during the 2006 Mother's Day flood event.
Photo courtesy Todd Selig



Newmarket Road, Durham, NH. Aftermath from the 2006 Mother's Day flood event.

Town of Durham: Coastal Flood Hazard Overlay District



DURHAM'S LEED CERTIFIED TOWN HALL

LEED (Leadership in Energy and Environmental Design) is a recognized green building certification program that sets standards used internationally for the design, construction, and maintenance of environmentally sustainable buildings and infrastructure.



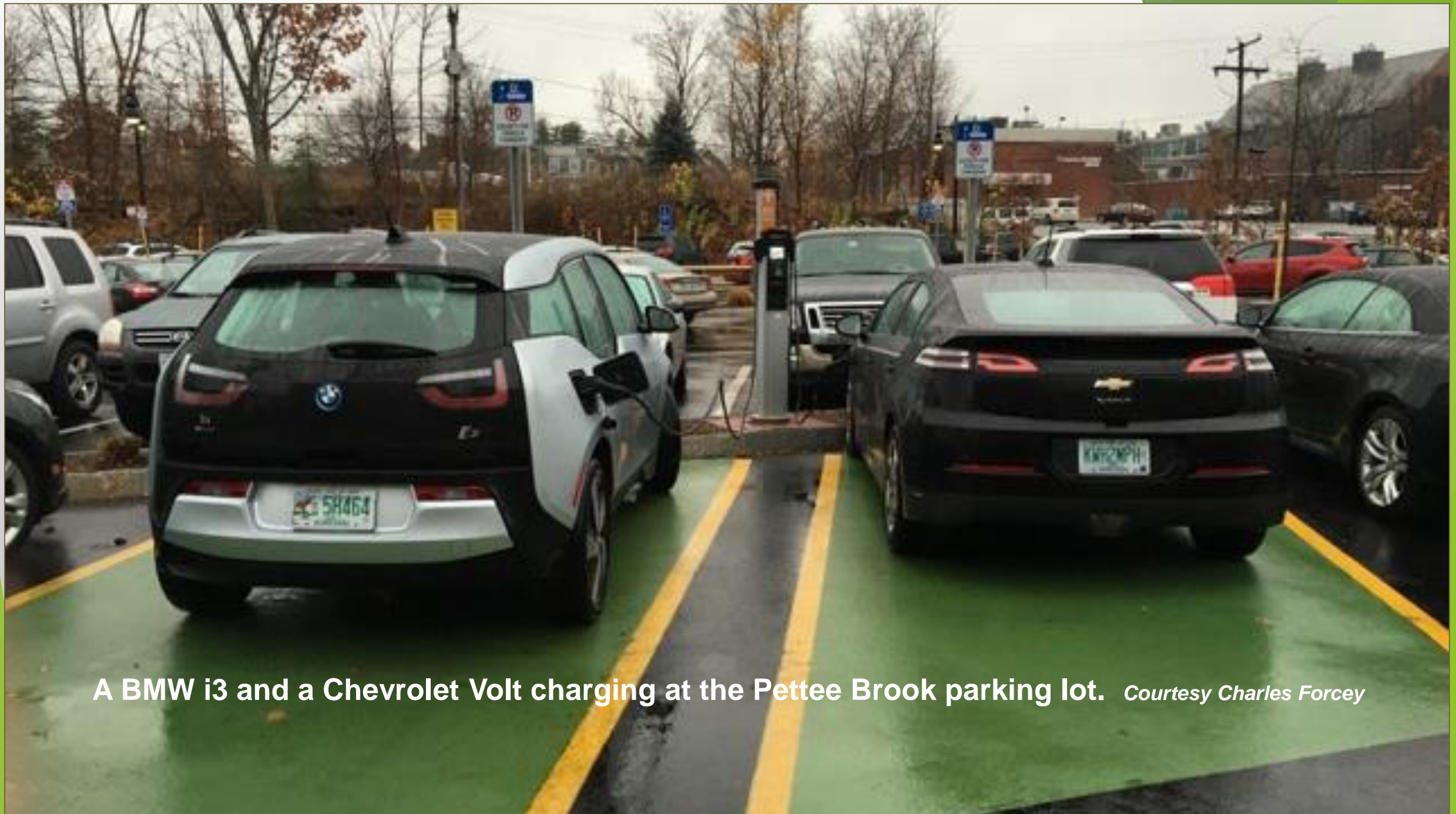
Town of Durham's beautiful new LEED certified building completed in October 2014 and the LEED recognition plaque displayed in the entranceway at the Durham Town Hall.



DURHAM'S OYSTER RIVER SOLAR ARRAY



Oyster River Cooperative School District Superintendent Jim Morse and Durham Administrator Todd Selig enjoy a relaxing sun tanning session at the new 640 kW solar array located at the Durham-owned gravel pit located on Packers Falls Road in Lee, NH.



A BMW i3 and a Chevrolet Volt charging at the Pettee Brook parking lot. *Courtesy Charles Forcey*

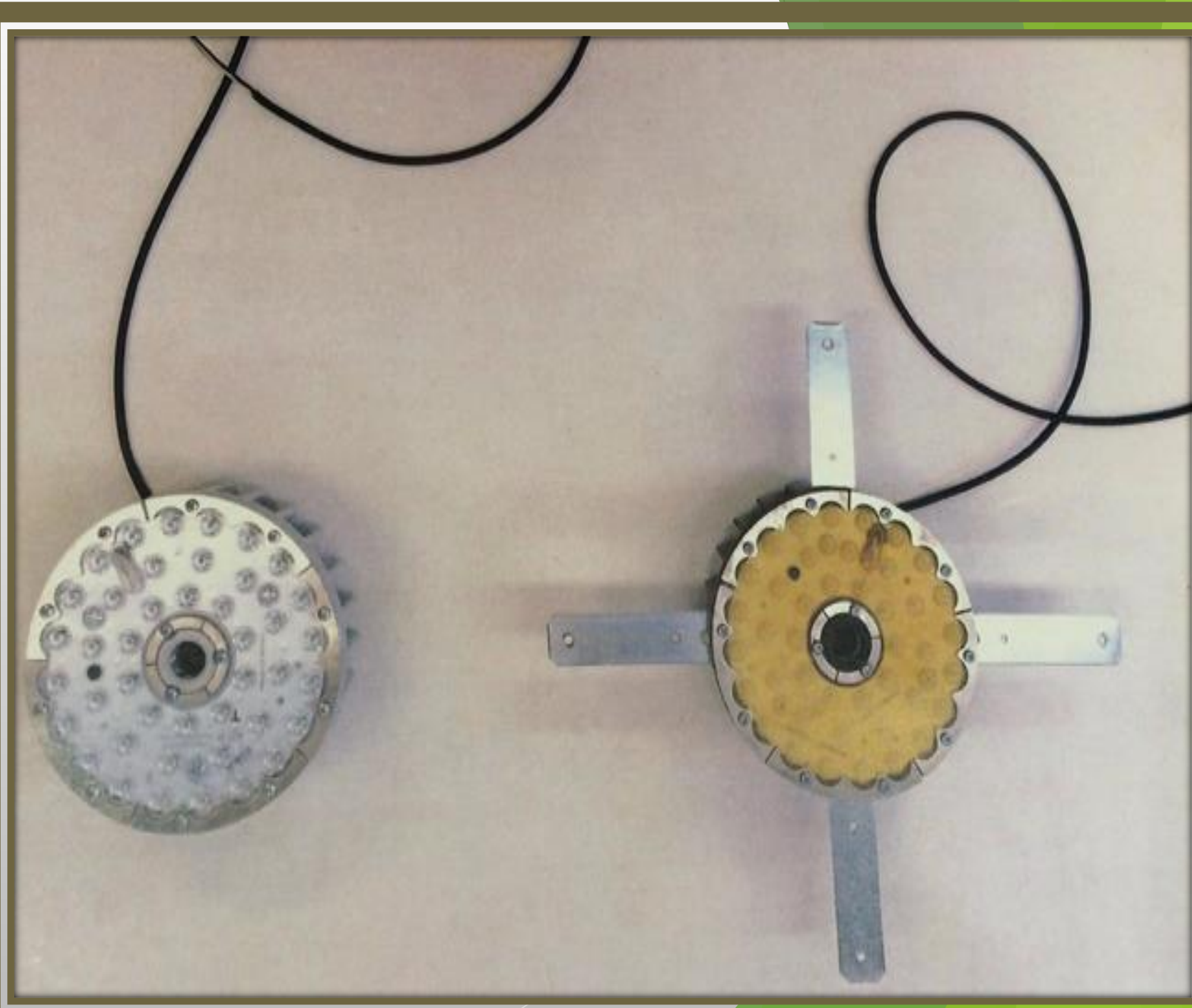
Durham, NH Eversource Efficiency Projects Overview

DURHAM/OYSTER RIVER PROJECT NAME	COST	INCENTIVE	ANNUAL kW	EST. ANNUAL SAVINGS \$*
Oyster River School District	\$ 3,470	\$ 1,214	6,695	\$ 803.40
Middle School	\$ 104,188	\$ 50,000	111,345	\$ 13,361.40
Oyster River School District (SAU Office?)	\$ 4,464	\$ 2,232	5,894	\$ 707.28
Library - New Construction	\$ 1,983	\$ 1,488	4,693	\$ 563.16
Library - New Construction	\$ 3,880	\$ 2,910	6,878	\$ 825.36
Police Department - New Construction	\$ 573	\$ 430	420	\$ 50.40
Police Department - New Construction	\$ 5,480	\$ 4,110	10,950	\$ 1,314.00
District Court	\$ 329	\$ 165	1,457	\$ 174.84
Oyster River Youth Association	\$ 327	\$ 163	358	\$ 42.96
Public Works building	\$ 8,614	\$ 4,307	16,708	\$ 2,004.96
Town Hall	\$ 4,440	\$ 2,220	17,959	\$ 2,155.08
Jackson's Landing	\$ 18,194	\$ 9,097	20,825	\$ 2,499.00
Oyster River Middle School	\$ 21,615.00	\$ 21,615.00	0	\$ -
Oyster River High School	\$ 2,650.00	\$ 200.00	2850	\$ 342.00
Town of Durham-EOL	\$ 79,497.00	\$ 30,900.00	110397	\$ 13,247.64
Town of Durham-EOL	\$ 1,401.00	\$ 500.00	1901	\$ 228.12
Oyster River High School	\$ 39,904.00	\$ 9,975.00	49879	\$ 5,985.48
Oyster River High School	\$ 4,563.00	\$ 1,000.00	5563	\$ 667.56
Oyster River High School	\$ 41,457.00	\$ 14,510.00	55967	\$ 6,716.04
Oyster River High School	\$ 165,194.00	\$ 23,800.00	188994	\$ 22,679.28
Durham Public Works - Waste Water Treatment	\$ 9,047.00	\$ 6,785.00	15832	\$ 1,899.84
Oyster River High School	\$ 6,051.00	\$ 4,150.00	10201	\$ 1,224.12
Oyster River High School	\$ 3,239.14	\$ 1,134.00	4373.14	\$ 524.78
Oyster River High School	\$ 165,194.00	\$ 50,000.00	215194	\$ 25,823.28
TOTAL EST. ANNUAL DOLLAR SAVINGS:				\$ 103,839.98

*Est. annual dollar savings are based on \$.12 per kWh.

Durham may pay more or less due to solar arrangment and supply contract.

This photograph depicts the “inner workings” of Durham’s decorative streetlights along Main Street and Pettee Brook Lane. The left image is what a new bulb fixture looks like. The right image is what Durham’s bulb fixtures looked like (Feb. 2016) after only a few years of operation causing a reduction in light emitted. *Photo courtesy Todd Selig*



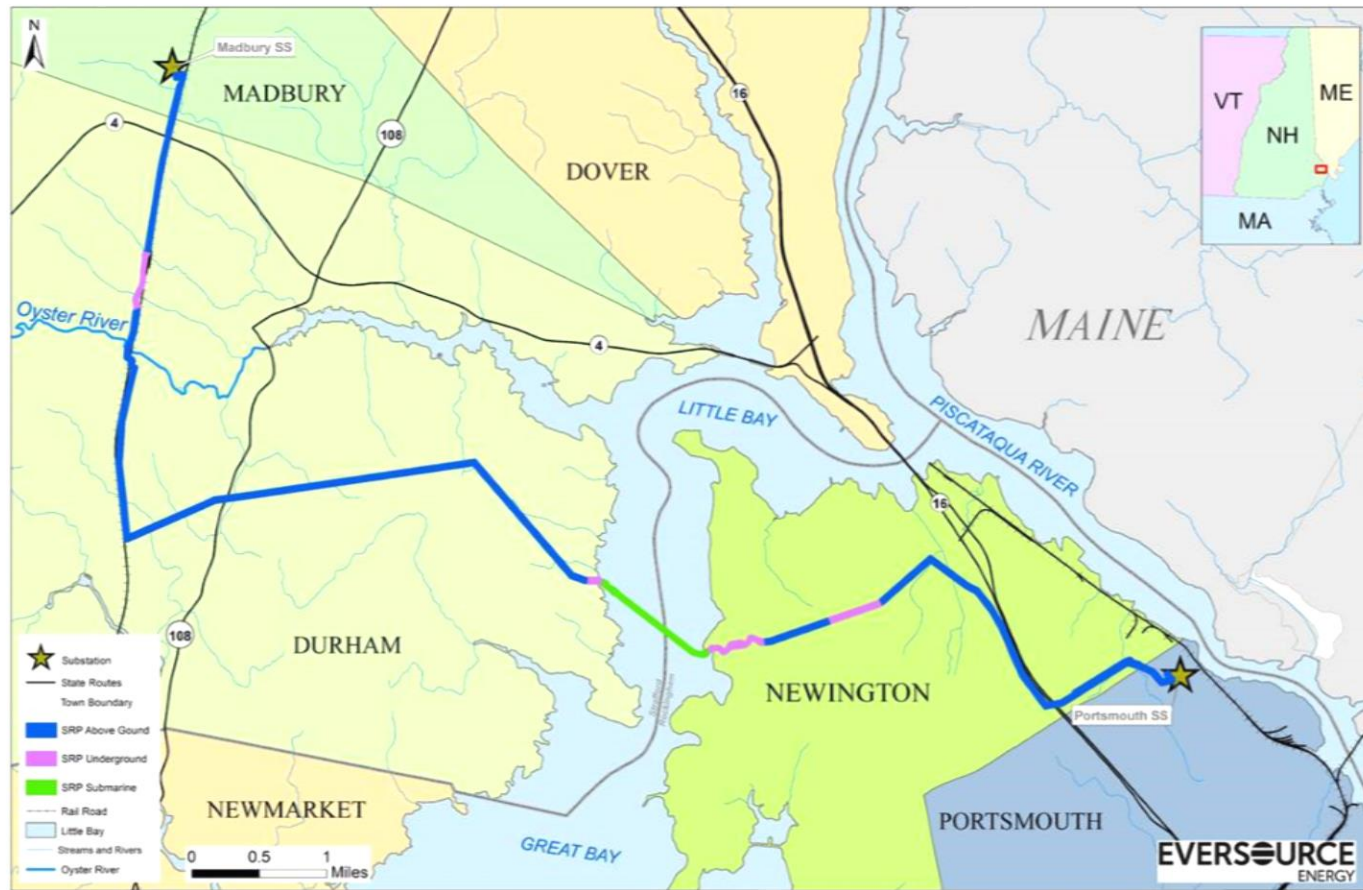


Right: Scammell Bridge on Route 4 in Durham after new energy efficient lights were turned on. *Photo courtesy Todd Selig*



Above: Banner that was circulated after NHDOT turned off lights on Scammell Bridge. *Courtesy Renee Plummer*

SEACOAST RELIABILITY PROJECT



Map of the route for the Eversource Seacoast Reliability Project.



Newly installed transmission lines along the Eversource right-of-way in Durham. Photo and map Courtesy Eversource

TRANSITIONING TO A BICYCLE AND PEDESTRIAN-FRIENDLY COMMUNITY

Durham's Main Street encourages a sharing of the road by motorists and bicyclists.



A share the road sign on Mill Road in Durham, NH.



Bike lane and crosswalk markings in downtown Durham.
Photos courtesy Todd Selig

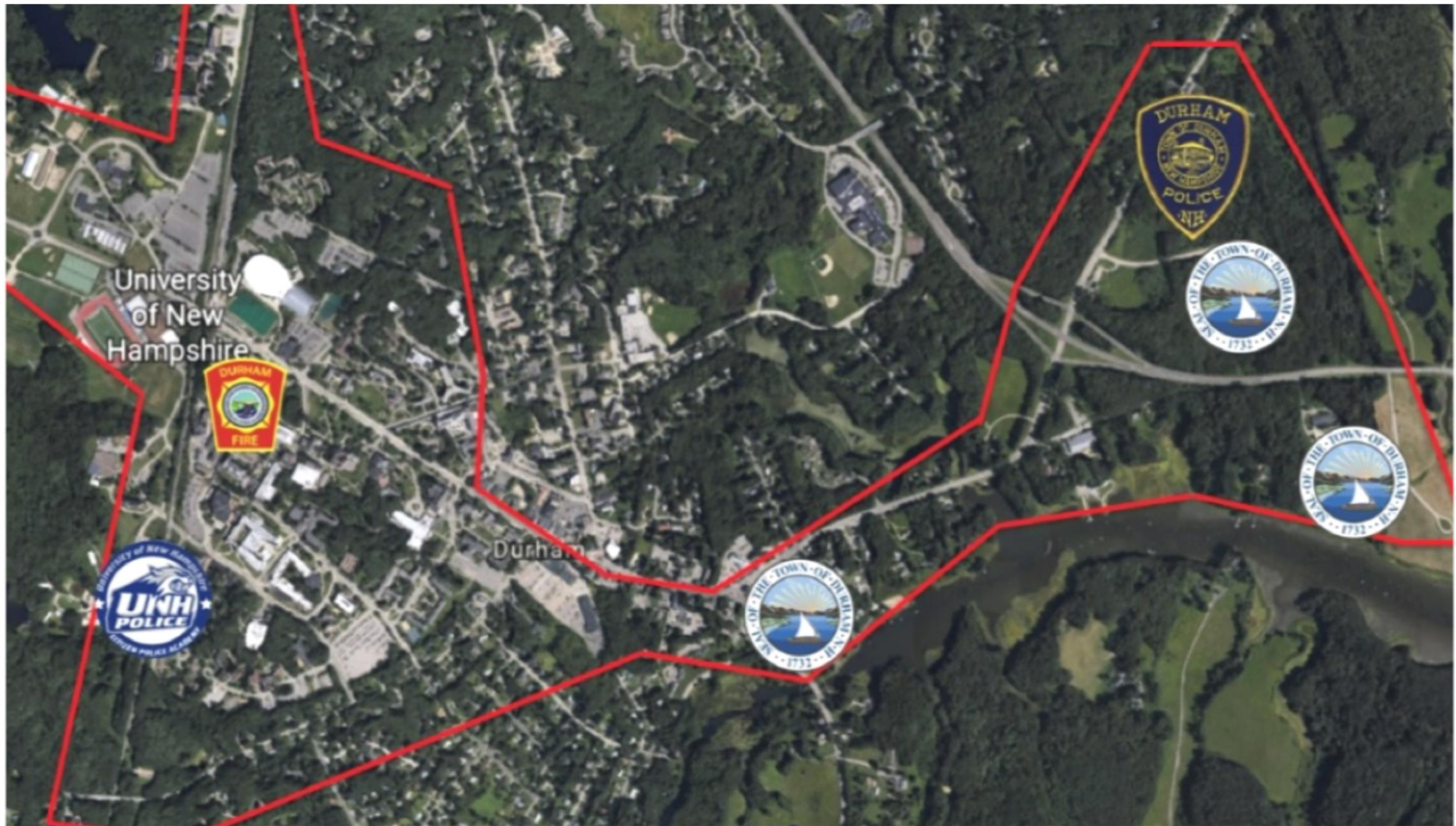
OYSTER RIVER MIDDLE SCHOOL CONSTRUCTION PROJECT



Site currently under construction.



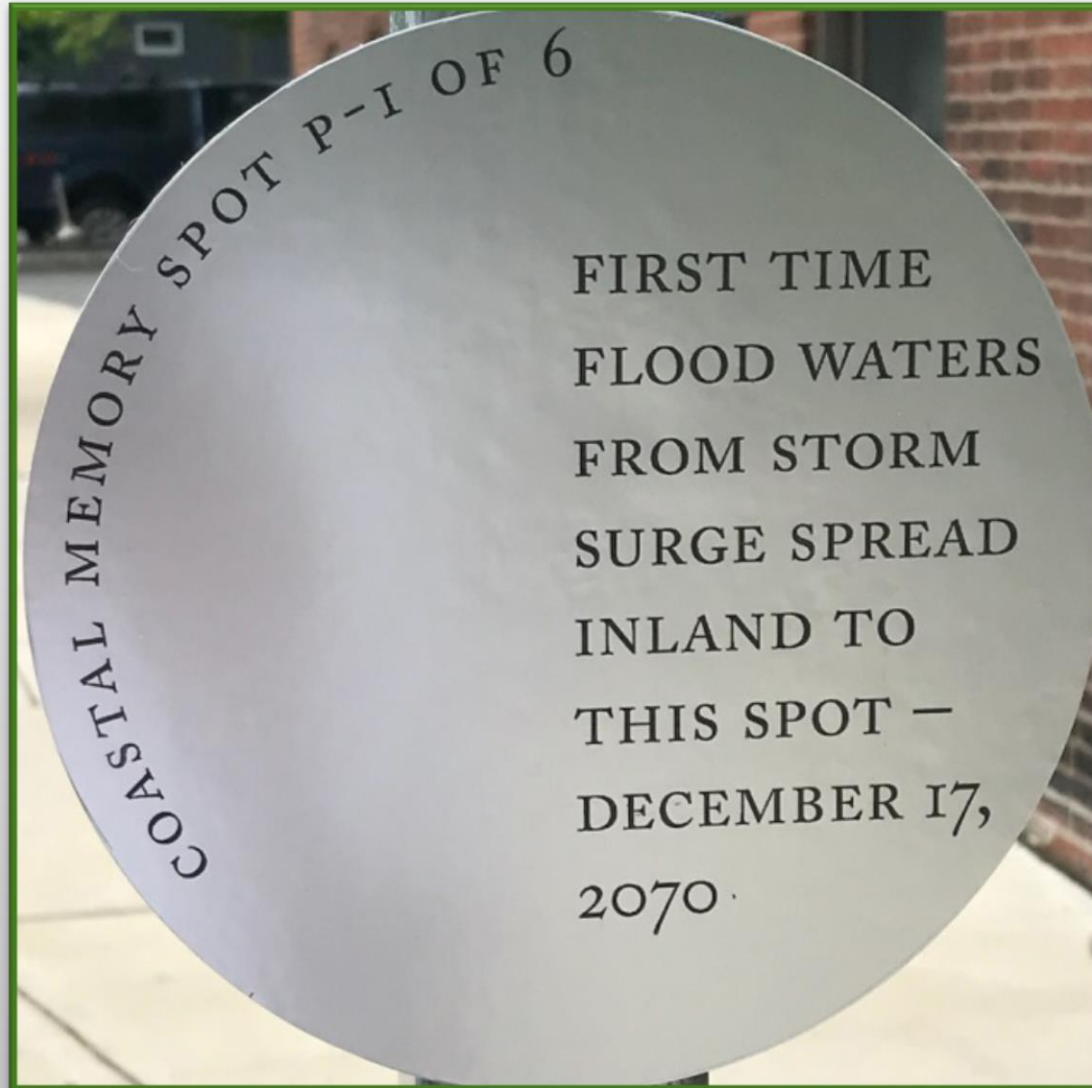
Future location of solar panels shown in orange. *Photos courtesy ORCSD*



The red lines outline the boundaries of a potential microgrid project for Eversource/Durham/UNH. *Photo courtesy Eversource*

FUTURE CLIMATE CHANGE PILOT DEMONSTRATION ART PROJECT

The Town partnered with Northeastern University professor, Tom Starr, and Strafford Regional Planning Commission on a grant-funded project conveying the potential impacts of climate change looking ahead to the next 100 years. *Photo courtesy Todd Selig*



An example of the round silver metal marker to be utilized as part of the future climate change demonstration art project.



Holiday tree and wreaths on Main Street in downtown Durham. *Photo courtesy Todd Selig*



2021-2023 Plan and Regulatory Process

Powered by:

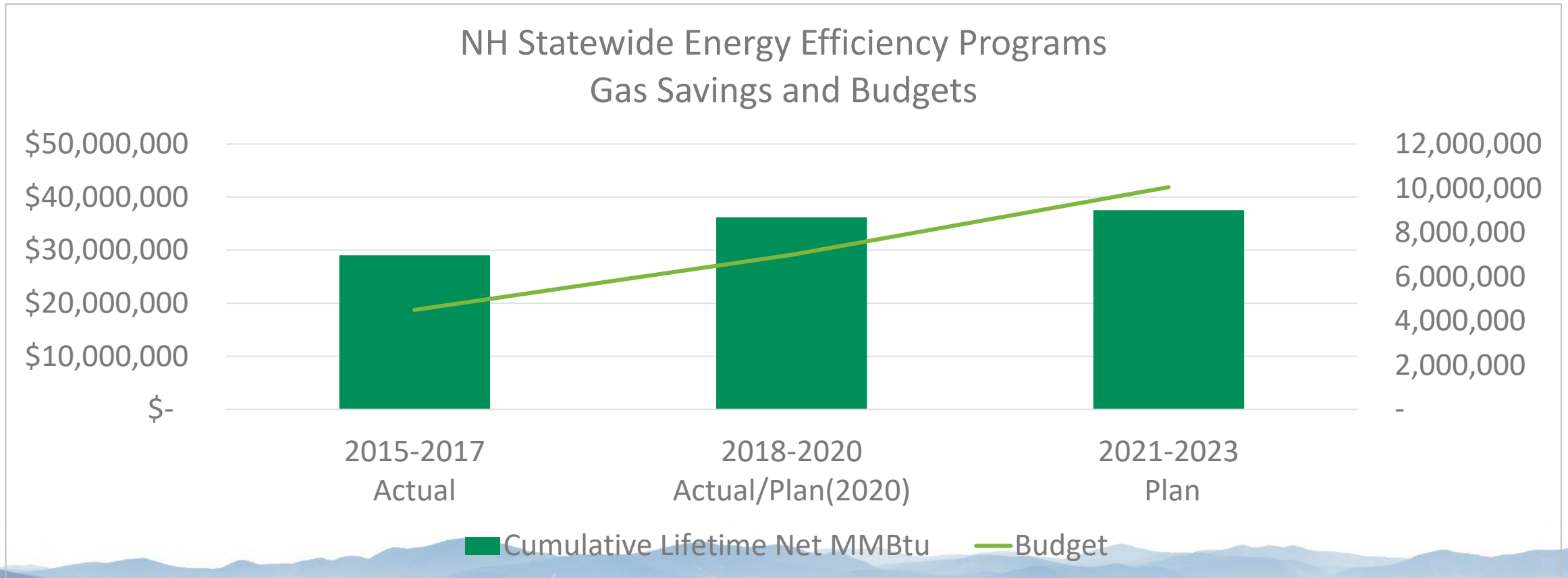
EVERSOURCE

 Liberty™

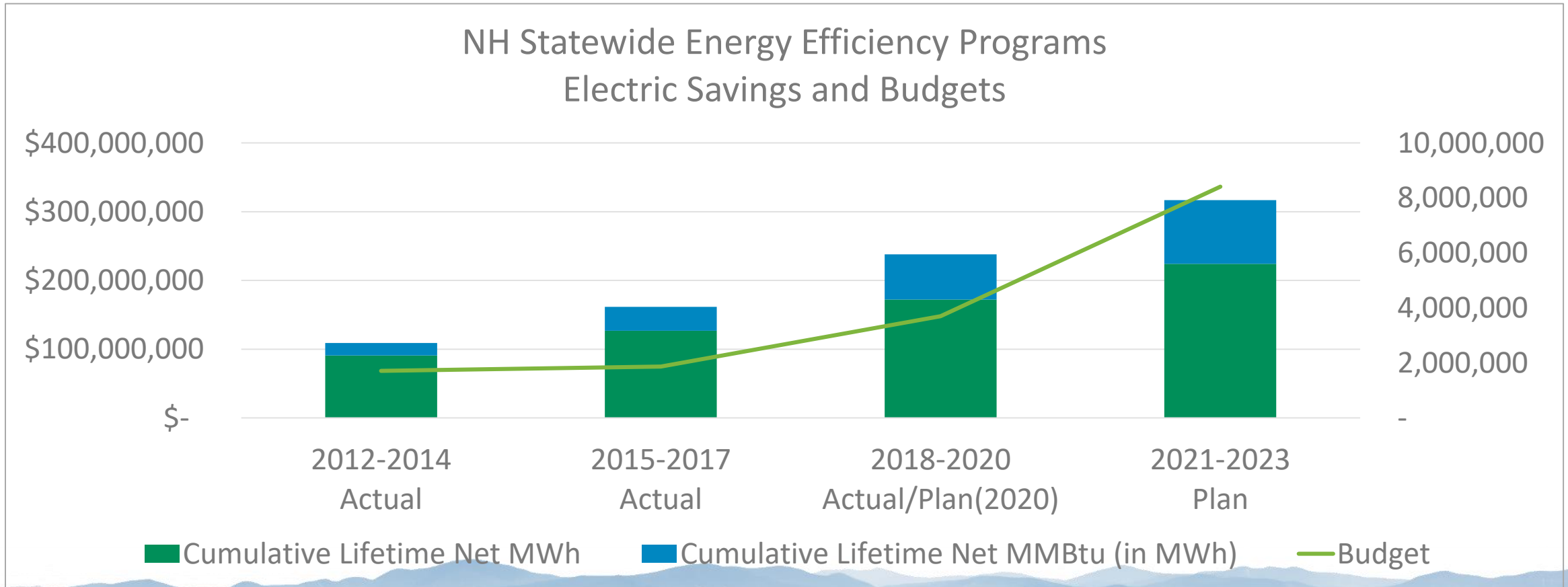
 NEW HAMPSHIRE
Electric Co-op

 Unitil

Evolution of Energy Efficiency in NH



Evolution of Energy Efficiency in NH



Regulatory Process for 2021-2023 Plan

- December 2020, Hearing for 2021-2023 Plan and Settlement Agreement
- December 29, 2020, Commission issues order approving extension of 2020 rates and programs.
- Indicate 8 week timeframe for order on full plan (Last week of February)
- NH Utilities will review final order and make adjustments as necessary
- **Support for projects and programs continues uninterrupted**
- Business partners and network are a key component of achieving energy efficiency savings in 2021 and into the future

Key Elements and Approaches

- Increasing focus on comprehensive projects
- Market Segments and tailored offerings
- Active Demand Reduction
- Workforce Development
- Communicating the Benefits of Energy Efficiency to customers, policy makers and regulators



The Rest of the Day

- **Now:** Networking break
 - Visit virtual booths via the “Booths” tab of the attendee hub
 - Or schedule networking appointments with other attendees
- **10:15** – First breakouts begin
- **11:00** – Second breakouts
- **11:45 – 1:00** – “Lunch” (more time for booths & networking)



Looking to network?

Attending virtually doesn't mean you can't connect. Schedule an appointment to chat with any of the attendees!

[Schedule appointment](#)



THANK YOU