

Jessi Duston

May 1, 2025



Energy Efficiency in New Hampshire

Agenda

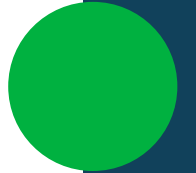
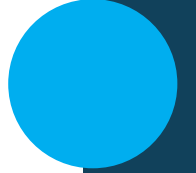
What is NHTSaves®?

Commercial, Industrial & Municipal Programs

Residential and New Construction

Program Highlight

How to get Started & Questions



What is NHSaves?

NHSaves is a collaboration of New Hampshire's electric and natural gas utilities working together to provide NH customers with information, incentives, and support designed to save energy, reduce costs, and protect our environment statewide.

Powered by:

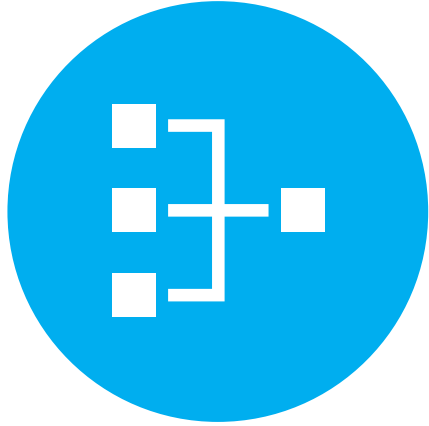
EVERSOURCE

 **Liberty™**

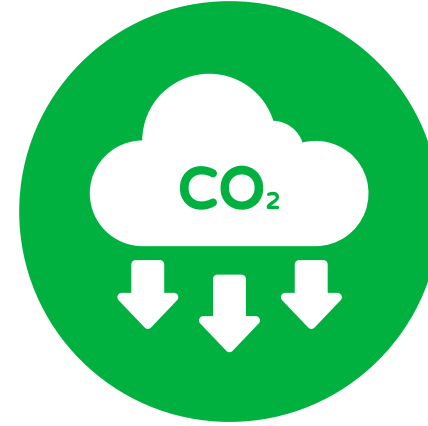
 **NEW HAMPSHIRE
Electric Co-op**

 **Unitil**

Funding Sources



Systems
Benefits
Charge



Regional
Greenhouse
Gas Initiative
(RGGI)

Commercial, Industrial, and Municipal Programs

Anything that will **cost-effectively save energy** (electricity or natural gas) can be considered*

Examples:

- LED lighting/controls
- Motors and variable speed drives
- HVAC systems
- Refrigeration
- Kitchen equipment
- Custom measures

*Municipalities are eligible for electricity, natural gas, propane, or oil savings

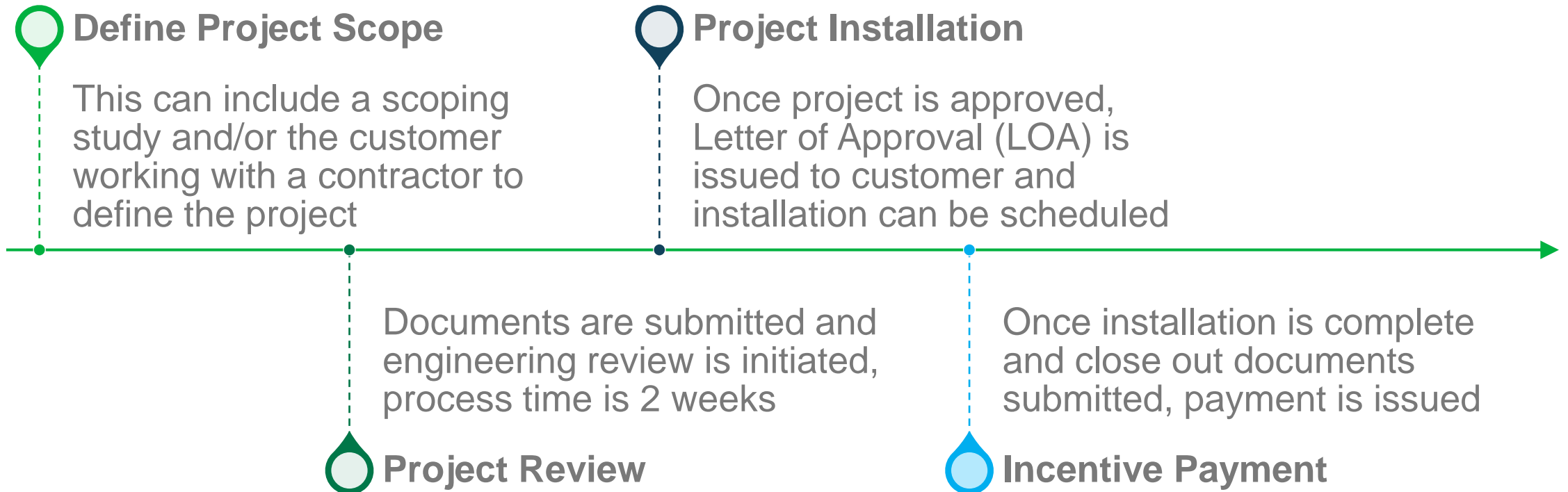


Municipal Program

- Example of incentives:
 - \$.65 per kWh savings
 - 35%-50% of project cost
 - Dependent on cost/benefit analysis of savings and engineering review
- Oil/propane incentives available only for New Hampshire municipal
- Always good to suggest audit/assessment/scoping study



Municipal Program Workflow



Partnering with
Clean Energy NH
Municipal Battery Installation

- ❖ Batteries available to NH municipalities
- ❖ 50% of installation cost is covered by Eversource
- ❖ 2 NH towns already in program
- ❖ Participation in Eversource's demand response program

Presented by Katrin Kasper, Seacoast Energy Circuit Rider





CLEAN ENERGY NH

Your Voice in All Energy Matters

FREE Technical Assistance Statewide

Contact Us!

sarah@cleanenergynh.org

603-573-9926 x710

cleanenergynh.org



FRANK
RICHTER



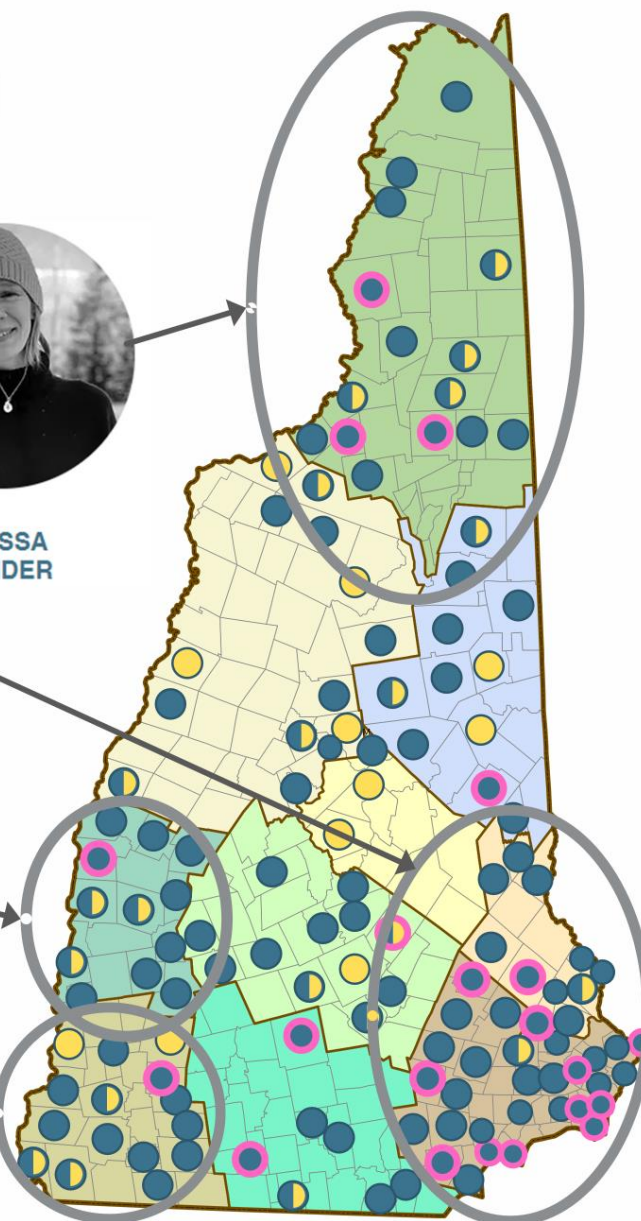
DOUG
COGAN



KATRIN
KASPER



MELISSA
ELANDER



Statewide



GABE
CHELIUS



KATHARINE
CUSACK



SARAH
BROCK

- Municipality
- Farm or Small Business
- Library

Small Business Turnkey Program

- Available to small commercial customers
- No-cost audit
- Vendor proposes new system or improvement to existing system
- Vendor handles installation, permitting, disposal and warranty service
- Eversource pays portion of cost
- Available measures include lighting, refrigeration, HVAC, controls, custom projects



Prescriptive Incentives

- All customers
- Any contractor can participate
- Self install ok
- Customer or their contractor is responsible for all compliance/quality issues

Midstream Incentives



Covers
lighting,
HVAC, and
food service



All NH
distributors
participate



Incentives
applied
directly to
price at time
of sale



Incentives and
distributor list at
[NHSaves.com](https://www.nhsaves.com)

Financing



Smart Start

municipal



On-bill

small commercial



NEIF

third party

Technical Assistance – No-Cost Energy Assessment

- Scoping studies
- Focused investigations
- Comprehensive audit
- Energy audit at no cost to municipalities

Residential Programs

- Home Energy Assistance: Low-income program qualified through Community Action Agencies
- Heating and cooling equipment
- ENERGY STAR® Homes (New Construction)
- Appliances and products
- Apply for a home energy audit: [NHSaves.com/HEP](https://www.nhsaves.com/HEP)



New Construction

- Incentives and resources to help you build a home that **uses 15 - 30 percent less energy**
- Performance-based
- **Contact us early** - during the planning stage

Program Highlight

Pillsbury Free Library

Warner, NH

Nancy Ladd, Library Director

Pillsbury Free Library, Warner NH

1891 – 1993



1993 - Present



Library Director, Nancy Ladd (1985 - Present)

2009-1010: Insulation and air sealing

An energy audit identified prime areas to address

Spray foam added to the metal attic ceiling, and heating ducts insulated.



Historic section: Cellulose blown in between joists over dome ceiling



2011-2014: LED interior lights, exit signs

Indirect HPS “uplighting”: 400W and 1000W are now 40 & 75W LED “corncobs”

Hard to reach fixtures and exit signs replaced with low- maintenance LED

LED corncobs
now available.



First contract: diode
panel idea failed!



2014-2015 Tube fixtures & Exterior lights

New option for replacing fluorescents with LED tubes = savings and less maintenance



New options for Cold/damp areas = exterior lighting LED. Mixed results on longevity.



We kept the existing fixtures for aesthetic reasons. The LED lamps don't last as long as hoped (Too enclosed?)



A project that did not qualify in 2017

Fiction stacks had a drop ceiling with fluorescent lighting (beyond portrait).



Town, and library donations funds were used for removal of ceiling and new LED lamps. Stained glass panes are now visible.

LED strips:

- 1/3 energy cost.
- Better lighting in spite of mostly indirect (14' up then down again) light.
- Low maintenance.
- Expensive to install due to very high ceiling and cost of "architectural" fixtures.
- More low cost options may now be available



Getting Started

- Visit NHSaves.com
- Contact your **utility representative**
- Contact your **equipment distributor or installer**
- Ask us about **no-cost municipal audits and home energy assessments**

EMPOWERING

A CLEAN ENERGY

EVERSOURCE

FUTURE

Questions



Thanks
for listening.

Jessi Duston

efficiencyNH@eversource.com

jessi.duston@eversource.com

Katrin Kasper

katrin@cleanenergynh.org

Nancy Ladd

director@library.warnernh.gov