



New Solutions for New Construction Commercial Program

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EVERSOURCE



Meet the Team



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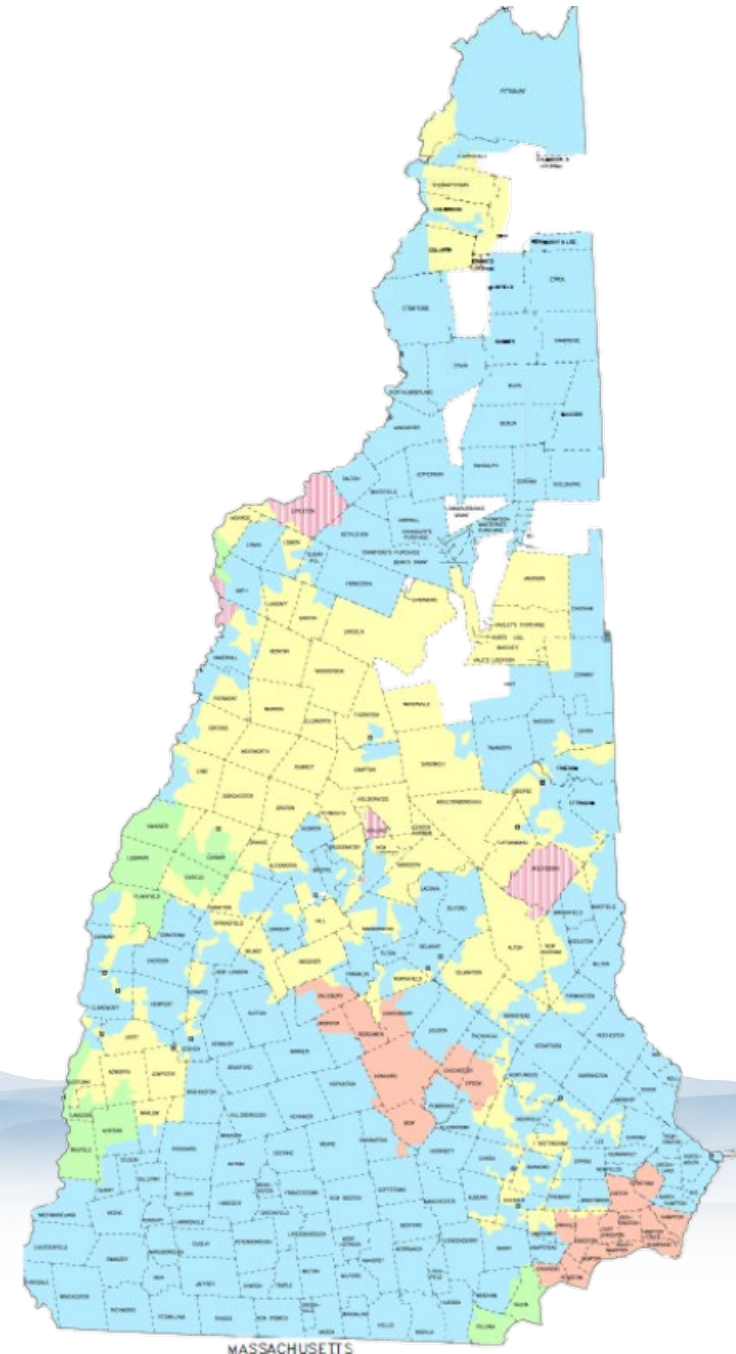
Agenda



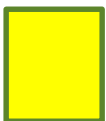
- Utility Territory Map
- Background
- New & Improved Pathways Overview
 - Path 1: Zero Net Energy/Deep Energy Savings
 - Path 2: Whole Building EUI Reduction
 - Path 3: Whole Building Streamlined
 - Path 4: Systems
- New Program Resources
- Questions

Electrical Territory Map

-  = Eversource
-  = Liberty Utilities
-  = New Hampshire Electric Co-op
-  = Unitil



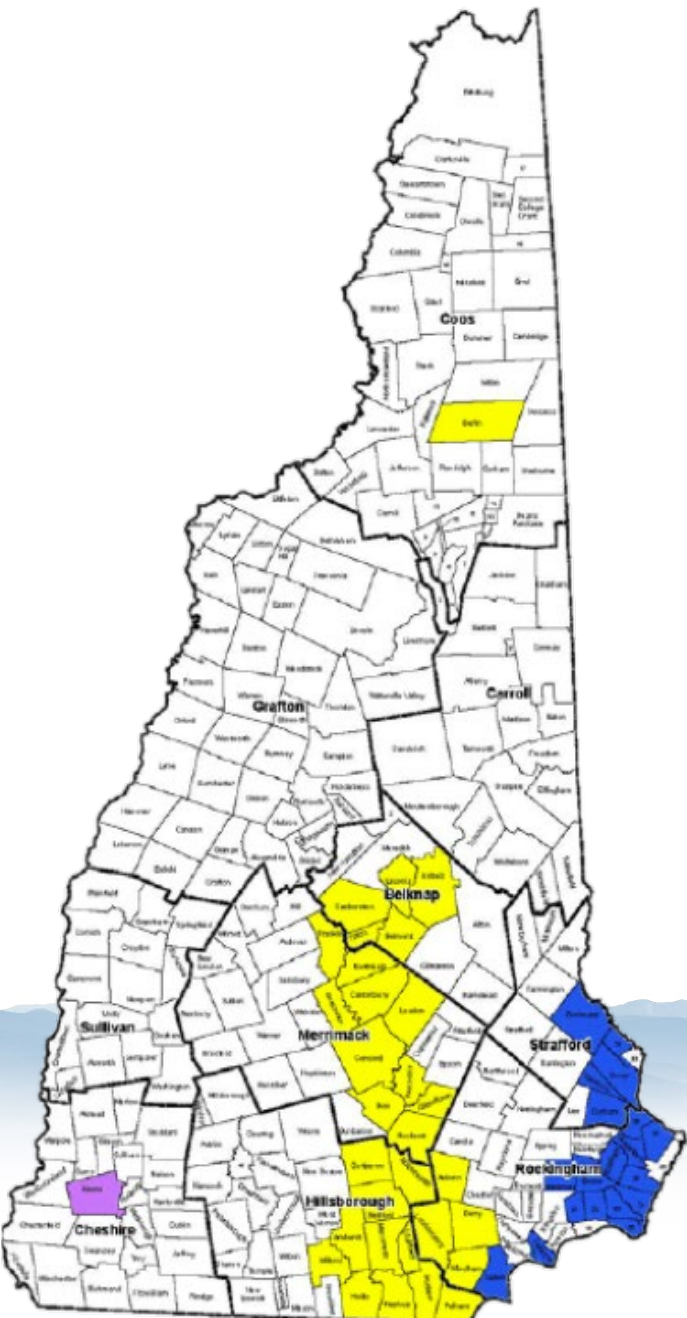
Gas Territory Map



= Liberty Utilities



= Unitil



Terminology Primer

- Energy Use Intensity (kBtu/sf/yr)
- Allows comparison between buildings

EUI



Focuses on robust insulation and air tightness, high-performing glazing, and simplified mechanical systems

Passive House



- Buildings that consume as much energy as they produce over a 1 year period
- Related terms: zero net ready, zero net carbon, zero net emissions

Zero Net Energy



C&I New Construction Program Pathways

The NH Utilities want to reach all NC customers and building types

	Path 1	Path 2	Path 3	Path 4
New Paths	Zero Net Energy/Deep Energy Savings	Whole Building EUI Reduction	Whole Building Streamlined	Systems
Former Paths	New!	Whole Building Performance	New!	Systems (same)

Path 1: Zero Net Energy/Deep Energy Savings

Intent

- Support for small, simpler, fast moving projects or projects in advanced design.
- Optimize equipment and systems for energy efficiency

Requirements

- Whole buildings projects of any size if they engage Sponsors after the end of design development (late engagement)
- Projects 15,000 sf or less
- Partial building projects

Technical Assistance

- Case by case for custom measures

Incentives

- Prescriptive and custom applications
- Customer incentives paid upon construction verification



Path 1: Zero Net Energy/Deep Energy Savings

Post occupancy

- Participation required through 1 year post occupancy period
- Final incentives based on *performance*

Technical Assistance

- ZNE expert provided – participates from feasibility through design development

Incentives

- Pre-approval at end of design based on design team's model
 - Construction incentives: paid at end of construction
- Post occupancy incentives: paid after post occupancy period
- Optional verification incentive



Path 1: Zero Net Energy/Deep Energy Savings

Customer Incentives		
Construction Incentive	Paid if project design achieves 25 EUI	\$1.00/sf
Post Occupancy Incentive	Available after 1-year post-occupancy period if project achieves target EUI	\$1.00/sf
ZNE or PH Certification Incentive	Paid for project ZNE or PH certification	\$3,000
Design Team Incentives		
Calculated at \$0.20/sf and capped at \$15,000, but not less than \$8,000 per project		

Please note: All incentives are subject to funding availability. Certain caps and restrictions may apply.

Path 2: Whole Building EUI Reduction

Intent

- Drive projects toward low EUIs

Requirements

- Minimum 50,000 sf of heated and cooled space
- Engage before 100% Design Development
- Projects meet at least 10% EUI reduction from code baseline

Technical Assistance

- EUI target setting, &EUI reduction strategy support,
- Energy modeling,
- Mid-design feedback

Incentives

- Customer and design team incentives paid upon construction verification
- Optional verification incentive



Path 2: Whole Building EUI Reduction

Customer Incentives

Percent EUI Reduction (site usage)	Rate
10.0% - 14.9%	\$0.30/sf
15.0% - 19.9%	\$0.35/sf
20.0% - 24.9%	\$0.70/sf
25.0% and above	\$1.00/sf

Design Team Incentives

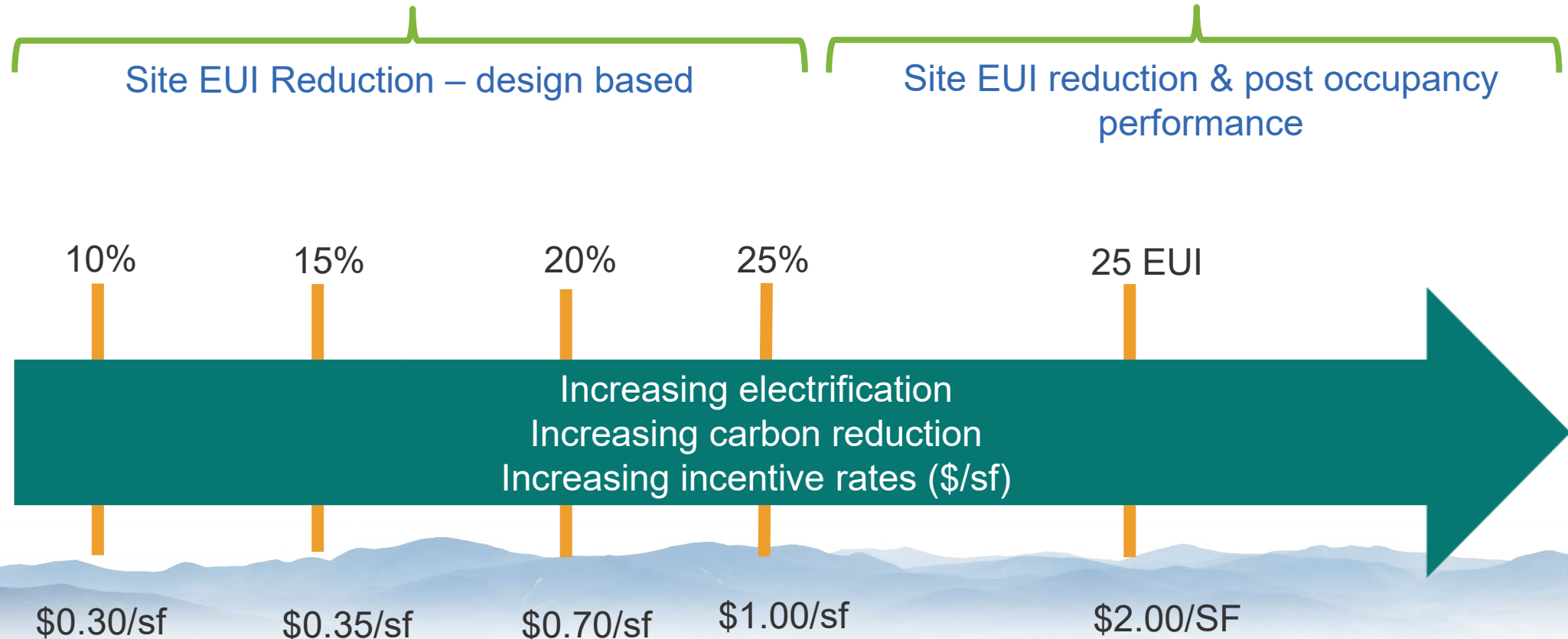
Based on Percent EUI Reduction	Rates Vary by Tier \$.02 - \$.20 (Caps Vary by Tier \$5,000 - \$12,500)
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Please note: All incentives are subject to funding availability. Certain caps and restrictions may apply.

Key Program Change – Incentivizing Low Site EUIs

Path 2: Whole Building EUI Reduction

Path 1: ZNE/Deep Energy Savings



Path 3: Whole Building Streamlined

Intent

- Support for smaller, simpler, fast moving projects
- Customers not focused on EUI Outcomes
- Emphasize Comprehensiveness

Requirements

- Projects 15,000 to 100,000 sf of heated and cooled space
- Simple buildings with common ECMs
- Customer should engage utility ideally during the project's conceptual or schematic design phases but before 100% design development.

Technical Assistance

- Energy charrette, Mid Design Review, Completion of Whole Building tool

Incentives

- Customer and design team incentives paid upon construction verification



Path 3: Whole Building Streamlined

Interior Lighting
& Networked
Lighting
Controls

Exterior Lighting

Natural Gas
Heating & Hot
Water

Envelope

Unitary HVAC
(RTU, AC, HP,
VRF)

High Efficiency
Chillers

Energy
Recovery

Demand Control
Ventilation

Variable Flow
Kitchen Hood



Path 3: Whole Building Streamlined

Customer Incentives

Incentive Type	Rate
Custom/electric	\$0.30/kWh
Custom/gas	\$2.00/ therm
Prescriptive	Based on prescriptive incentive rate

Design Team Incentives

Based on kWh/Therm annual reduction

Rates \$0.05/kWh and \$0.30/therm
(capped at \$5,000 per project)

Please note: All incentives are subject to funding availability.
Certain caps and restrictions may apply.

Path 4: Systems

Intent

- Support for small, simpler, fast moving projects or projects in advanced design.
- Optimize equipment and systems for energy efficiency

Requirements

- Whole buildings projects of any size if they engage Sponsors after the end of design development (late engagement)
- Projects 15,000 sf or less
- Partial building projects

Technical Assistance

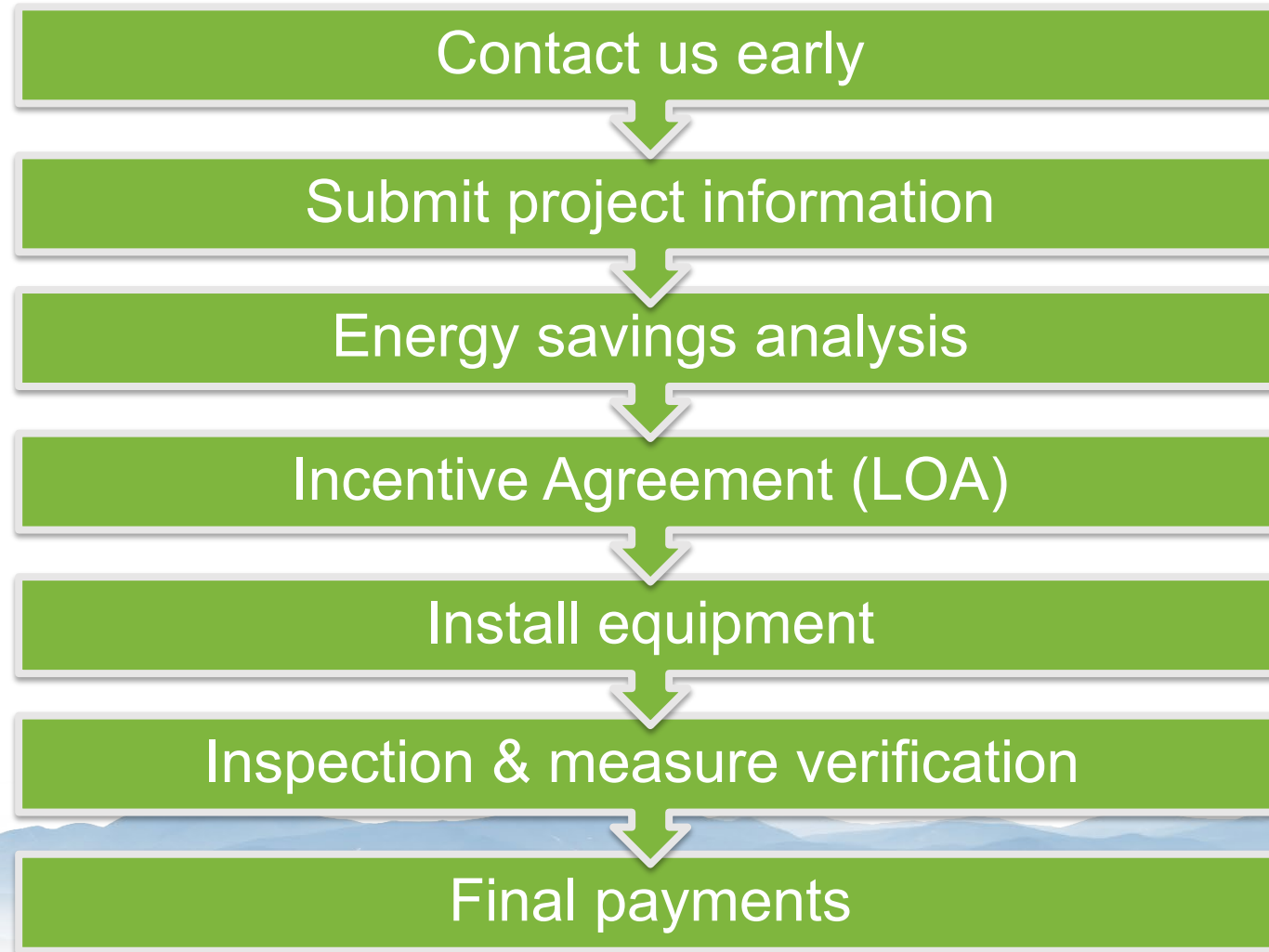
- Case by case for custom measures

Incentives

- Prescriptive and custom applications
- Customer incentives paid upon construction verification



Submittal Process



New Program Resources



NHSaves.com

- Program summary and individual pathway overviews
- Program Memorandums of Understanding (MOUs)
- Follow up e-mail with Webinar recording and program summary



Questions?

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Thank you