NHsaves®
Your Source for Energy Efficiency

Energy Efficient Design Incentives

Matt O'Keefe, Unitil

Powered by: EVERSOURCE Liberty New Hampshire Electric Co-op Unitil

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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.

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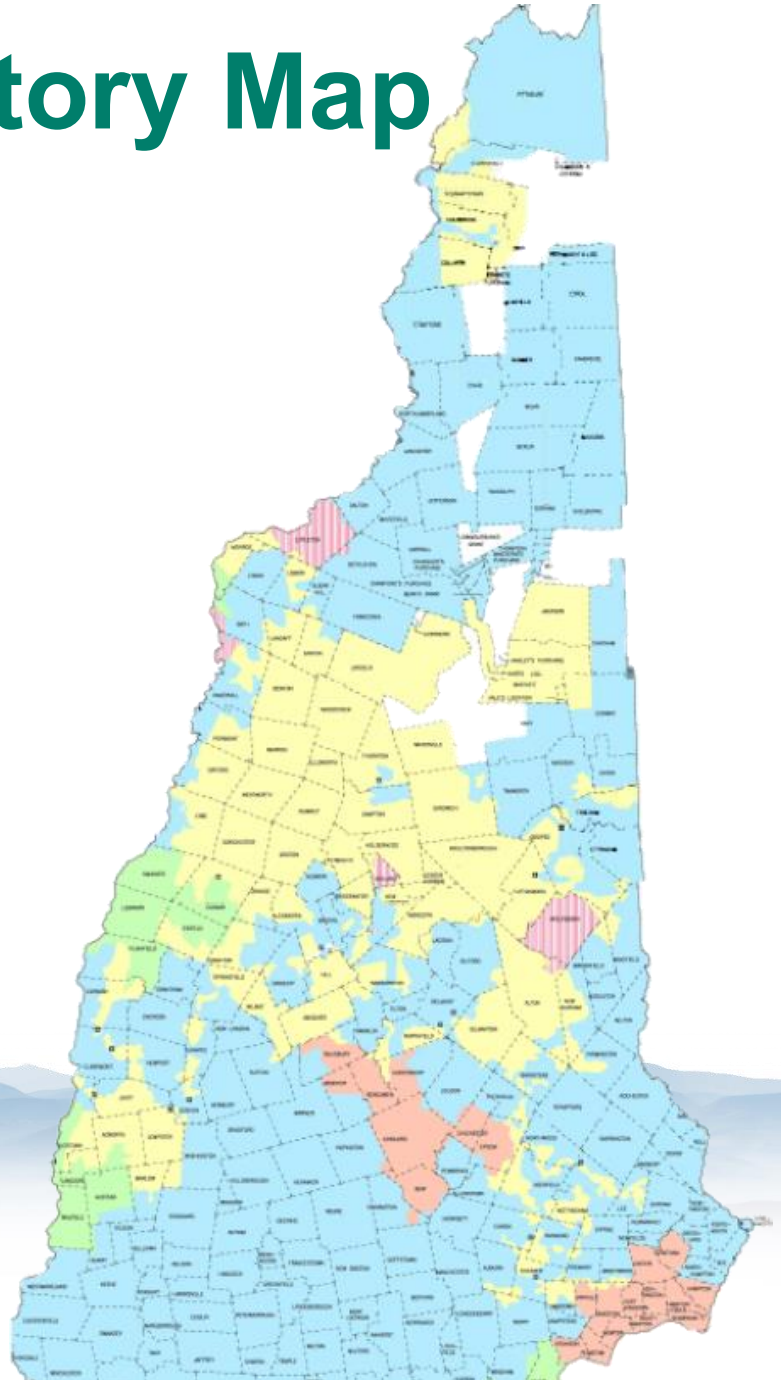
Electrical Territory Map

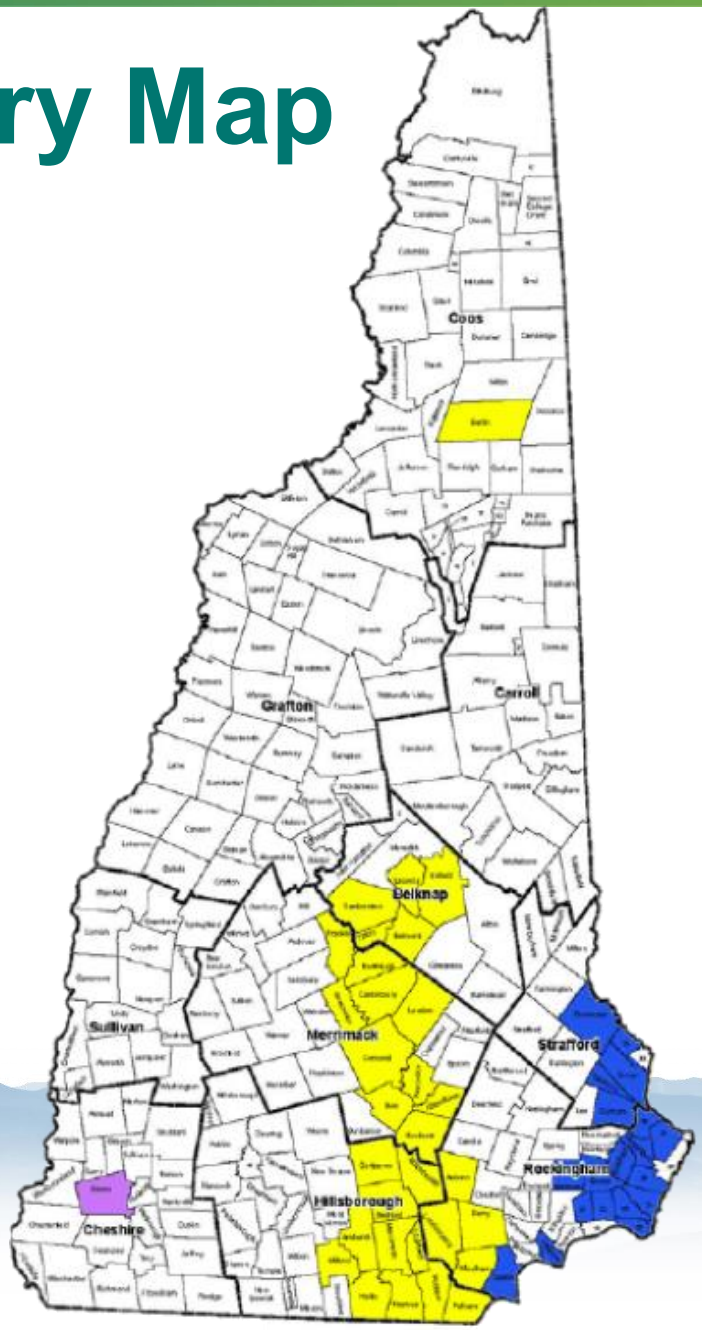
- Eversource
- Liberty Utilities
- New Hampshire Electric Co-op
- Unitil



Gas Territory Map

Liberty Utilities

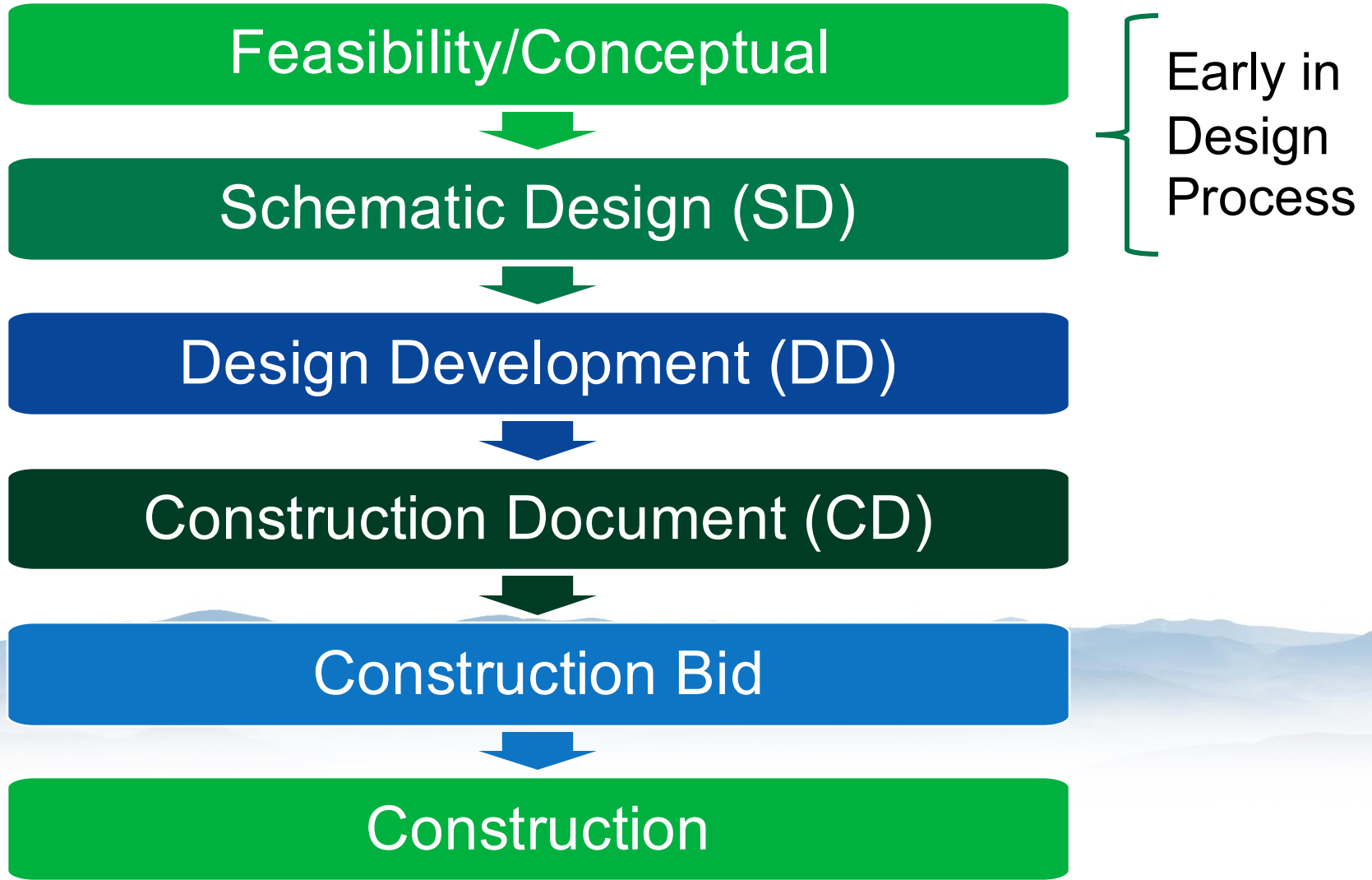
Unitil



2025 New Building Major Renovation Participation Pathways

Net Zero & Low EUI Buildings	High Performance Buildings	Prescriptive Systems Projects

When Should Customers/Design Teams Reach Out?



Path1: Zero Net Energy & Low EUI Buildings

Intent

- Drive projects toward ZNE and low EUI in operation

Requirements

- Engage utility ideally during the project's feasibility or conceptual design phases but before 50% Schematic Design
- ZNE, Zero Net Ready
- Minimum 10,000 sf heated and cooled space
- Achieve Target EUI or lower
- Year-round occupancy

Zero Net Energy & Low EUI Buildings

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

Zero Net Energy & Low EUI Buildings

EUI by Building Type	
Building Type	Net Zero Site EUI Target
Hotel	35
K-12	25
Library	30
Office	30
Fire/Police Station	35
Site Specific	Case by case

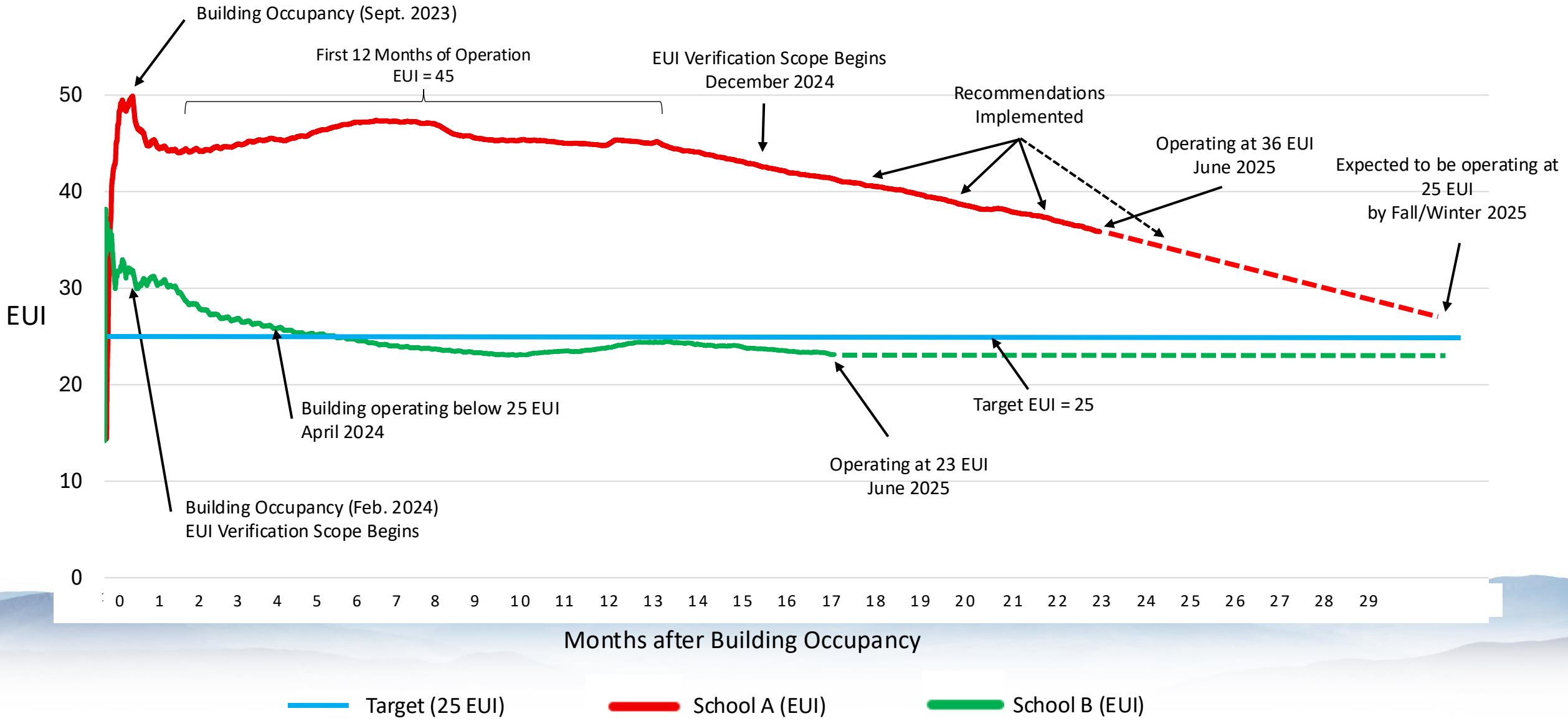
Engage Early – During Concept, Feasibility or early Schematic Design is best

Zero Net Energy & Low EUI Buildings

Customer Incentives		
Construction Incentive	Paid if project design achieves target EUI	$1.50/sf
Post Occupancy Incentive	Available after 1-year post-occupancy period if project achieves target EUI	$1.00/sf
Technical Assistance	Cost share with customer	up to $10,000

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

Monitor EUI Post Construction – Do Not Wait to Get Started



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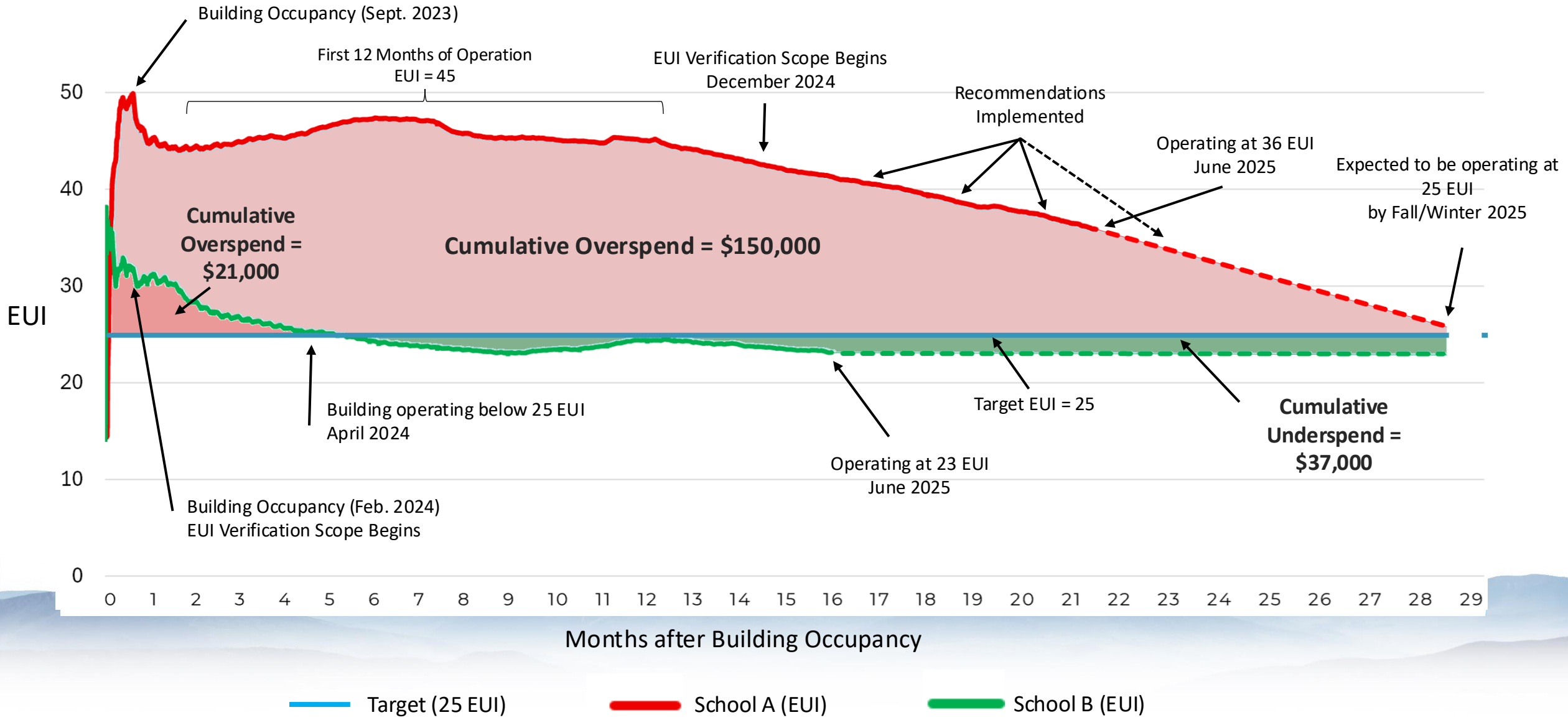
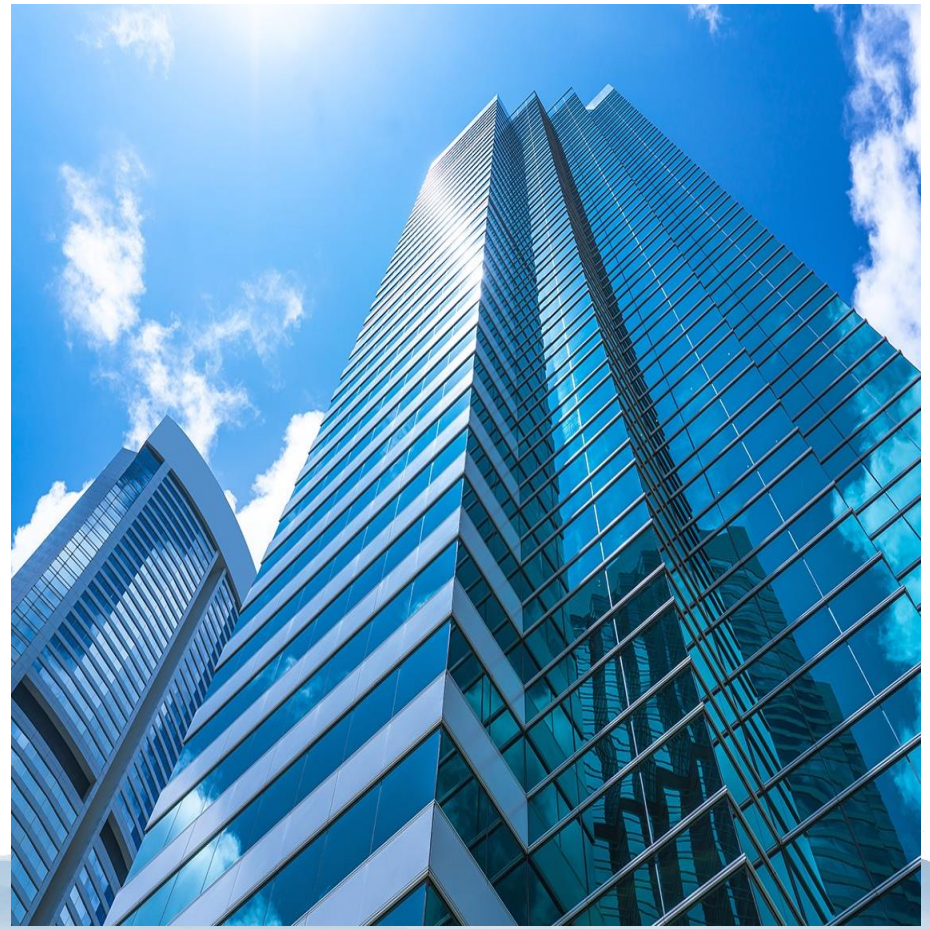


Example – Oyster River Middle School

- Engaged Schematic Design
- Target site EUI:
- Design Charrette & energy modeling
- 147,000 Square feet
- Geothermal heating/cooling
- Walls R-34, Roof R-60

Path 2: High-Performance Buildings

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



High-Performance Buildings

Customer Incentives	
Incentive Type	Rate
Electric	$0.40/kWh
Natural Gas	$2.00 therm
Technical Assistance	100%

Example – Phillips Exeter Academy

- Combined Dining Hall & Dormitory
- Design Savings over Energy Code
- DD Review; Modeled per CD set
- 80,000 Square feet
- District Geothermal heating/cooling
- ERU w/VAV; VRF serving offices

Path 3: Systems Pathway/Prescriptive Systems

Intent

- Projects in advanced design or smaller size
- Optimize equipment and systems for energy efficiency.

Requirements

- Whole buildings projects if they engage Sponsors after the end of design development (late engagement)
- Partial building projects

Technical Assistance

- Case by case for custom measures

Incentives

- Prescriptive and custom applications
- Incentives paid upon construction verification

Example – St Paul's School

- Brand New Admissions Bldg
- Design Savings over Energy Code
- Modeled per CD set
- 16,000 Square feet
- Prescriptive Incentives: HVAC/DHW
- Custom Incentives: Envelope/Lighting

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Questions?

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