



NATIONAL  
ASSOCIATION OF  
REALTORS®



***Welcome to today's program!***

***Residential Energy Efficiency  
Program Resource Fair***

Part of the SECHA 2026 Energy Affordability Series



# Conservation & Sustainability

Advancing Energy Efficiency across Groton Utilities and Bozrah Light & Power

## 2026 SECHA - Groton



**GROTON UTILITIES**  
BOZRAH LIGHT & POWER

# Conservation & Sustainability - Conservation Goals



## ▶ Customer and Community Driven:

- ▶ Provide the best quality services at the lowest possible rates while remaining viable in the present and in the future.
  - ▶ The mission of the Electric Operations Department is to provide our customers with high-quality and reliable power.
  - ▶ Our goal is reliability, keeping the power flowing, and service that is second to none.
- ▶ **Conservation & Sustainability Goals**
  - ▶ Focus conservation programs on energy efficiency to decrease carbon footprint and be environmentally friendly (Strategic Business Plan - 2021)
  - ▶ Stewardship - We safeguard our resources, community and employees through planning, effective management and regulatory compliance.
  - ▶ Prioritizing **Clean Air** and **Water** and **Energy** improve the lives of those who live and work in the communities we serve.



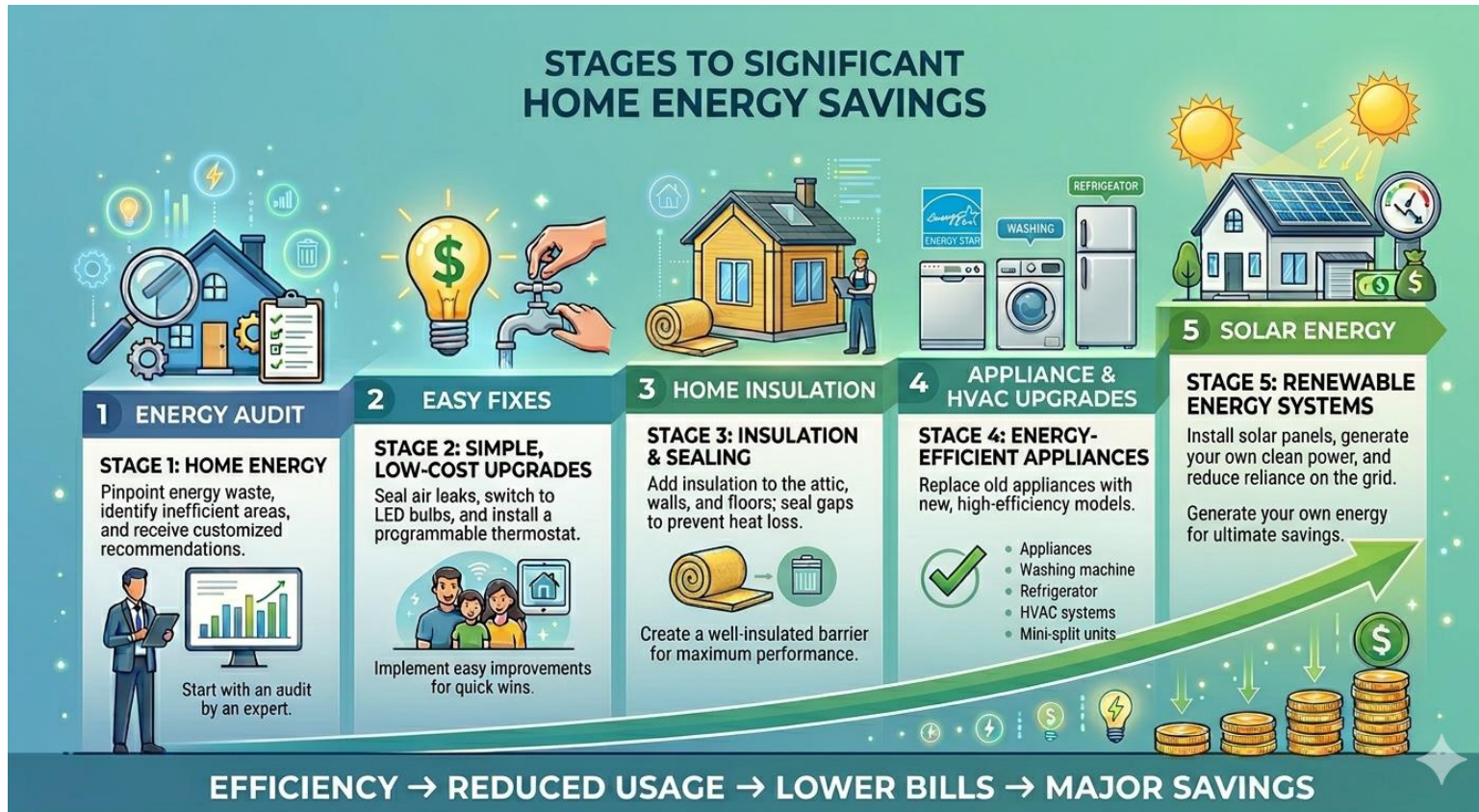
# Maximizing Comfort & Savings through Efficiencies



- ▶ **Maximizing Comfort & Savings through Efficiencies**
  - ▶ Designing & Promoting GU/BLP Energy Efficient Rebate Programs to make your home more comfortable and cost-effective.
- ▶ **Why Efficiency Matters (Beyond the Monthly Bill)**
  - ▶ Investing in your home's performance pays dividends in multiple ways
    - ▶ **Enhanced Comfort:** Eliminates drafts and cold spots; stays cooler in the summer and warmer in the winter.
    - ▶ **Sustainable Community:** Local conservation efforts directly reduce our collective carbon footprint and supports regional climate goals.
    - ▶ **Property Value:** Modern, energy-efficient HVAC and insulation are high-value features for long-term home investment.
    - ▶ **Grid Stability:** Reducing peak demand helps ensure a more resilient and reliable local power grid for everyone.
- ▶ Prioritizing **Energy Efficiency** improves the lives of those who live and work in the communities we serve.

# Conservation & Sustainability - Best Practices

## Best Practices



- ▶ Stage 1: The Energy Audit
- ▶ Stage 2: Low-Cost “Quick Wins”
- ▶ Stage 3: Envelope Improvements (Insulation)
- ▶ Stage 4: HVAC, Appliance & Equipment Upgrades
- ▶ Stage 5: Renewable Energy Integration



# Conservation & Sustainability - Rebate Programs

## Existing Programs

| <u>Residential*</u>             | <u>Commercial**</u>     |
|---------------------------------|-------------------------|
| Home Energy Savings Program     | Comm. Lighting          |
| Attic Insulation Program        | Comm. Heating & Cooling |
| Smart Thermostat Rebate Program | Custom Applications     |
| Heat Pump Water Heater          |                         |
| HVAC Mini-Splits Program        |                         |
| SolarPlus Program               |                         |

\* - Restrictions apply

\*\* - For year 2026, all Commercial Rebate Programs need prior authorization.

### ▶ Home Energy Savings Program\*:

- ▶ GU/BLP Residential Home Energy Savings Program provides a free comprehensive in-home energy assessment service for your dwelling which may include the following services.

### ▶ Attic Insulation Rebate\*:

- ▶ Attic insulation rebate up to \$2.00(R-38) or \$2.50(R-49) per square foot



# Conservation & Sustainability - Rebate Programs (cont)

## Existing Programs (cont)

### ▶ **Smart Thermostat Rebate\*:**

- ▶ Rebate is valid for a maximum of \$200 per thermostat or the total cost of the thermostat, whichever is lower. Maximum of two (2) thermostat units per account.

### ▶ **Water Heater Rebate\*:**

- ▶ Program provides cash incentives for new or replacement energy efficient heat pump water heaters that meet high efficiency standards, covering the full cost of the water heater unit (installation not included) up to a maximum of \$2,000.

### ▶ **HVAC Mini-Splits Rebate\*:**

- ▶ Rebate is up to \$4,000 per compressor, and not to exceed \$3,000 a ton. Maximum of \$50,000 per customer.
- ▶ Maximum of 2 units per electrical account.

### ▶ **SolarPlus:**

- ▶ The SolarPlus program offers a substantial one-time incentive of up to \$10,000 for customers who choose to install a solar or a combined solar and battery system.



**GROTON UTILITIES**  
BOZRAH LIGHT & POWER

# 2026 - SECHA - Groton

► Discussion:



**GROTON UTILITIES**  
BOZRAH LIGHT & POWER



*Designed to help you lower  
energy use at home*



# Let's Talk Energy: Energy Efficiency Solutions for Connecticut

April 22, 2026

# Agenda

1. Understanding Energy Efficiency
2. The First Step: Weatherization
3. Energy Efficiency Offers for Connecticut Residents
4. More Ways to Save
5. Energy-Saving Tips
6. Programs to Help
7. Questions

# Understanding Energy Efficiency

## What is Energy Efficiency?

The use of less energy to perform the same task or produce the same result. Many products, homes, and buildings use more energy than needed because of inefficiencies.

## Why is Energy Efficiency Important?

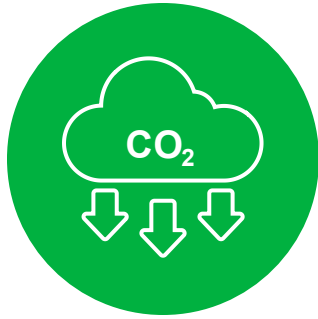
- It can lower energy bills
- It provides environmental benefits by reducing air pollution
- It provides community benefits by introducing cost-effective technologies and infrastructure - particularly to historically underserved communities
- It promotes health benefits by producing cleaner air, water and land
- It increases the resilience and reliance on the electric grid



# Understanding Energy Efficiency



Energy efficiency can help reduce energy use, potentially lowering your overall energy bills



Energy efficiency reduces air pollutants, carbon and greenhouse gases



Energy efficiency creates jobs



Programs are funded by a charge customers electric and natural gas bills



# Empowering Connecticut to Make Smart Energy Choices



Eversource, Avangrid, Inc. subsidiaries CNG, SCG and UI, the Energy Efficiency Board, Connecticut Green Bank, and the State have united on a shared mission - to provide Connecticut residents and businesses the resources they need to **save money and use clean energy**.

The Energize Connecticut initiative empowers our communities to make smart energy choices, now and in the future.



# Connecticut: Weatherization

## The Journey Starts with Home Energy Solutions<sup>SM</sup>

An assessment and service to evaluate your home for energy-saving opportunities and provide on-the-spot improvements plus recommendations for additional savings.

Available to qualifying homeowners and renters for a \$40 copay

- Services valued at an average of \$1,000; on average, participants save \$70-\$100 on annual energy bills

No copay and enhanced incentives for income eligible customers through Home Energy Solutions – Income Eligible.

## Access to Rebates and Incentives for:

- ENERGY STAR<sup>®</sup> certified appliances and heating, cooling and water heating systems
- Up to 75% off recommended insulation; up to 100% for income eligible customers
- Triple pane windows
- Smart devices, like thermostats



# Connecticut: Home Energy Solutions

## How to Enroll



### Call

877-WISE-USE  
(877-947-3873)



### Online Form

[Eversource-CT.com/HES](https://Eversource-CT.com/HES)



### HES-IE Application

Available online  
(English/Spanish)

### Online Income Verification

[EnergizeCT.com/  
Income-Verification](https://EnergizeCT.com/Income-Verification)



# Connecticut: More Ways to Save



## Insulation and Window Rebates

- Improve energy efficiency and receive rebates for upgrading insulation and windows to enhance comfort and reduce energy bills



## Heating and Cooling Rebates

- Maximize your savings with rebates on energy-efficient heating and cooling systems, like air source heat pumps



## Water Heating Instant Discounts

- Save on hot water with instant rebates on energy-efficient water heating equipment, like heat pump water heaters



## Appliance Rebates and Incentive

- Upgrade smartly with rebates and incentives for purchasing ENERGY STAR® certified appliances to reduce energy consumption, like clothes washers

# Connecticut: More Ways to Save



## Eversource Savings Center

- Our online marketplace for a wide range of energy-saving products and tools to help you save energy and money



## Residential New Construction

- Energy Efficiency: Enhance your building's energy efficiency through construction and remodeling. Access incentives to lower your energy costs and increase comfort



## Demand Response and Smart Devices

- Get Paid to Save: Use less energy when others use more with smart thermostats
- Incentives for Energy Storage: Store your generated energy in batteries and receive incentives for lowering grid demand



## Renewable Energy

- Compensation for Power Production: Earn for your solar energy and Renewable Energy Certificates (RECs)



## Electric Vehicles

- Charger and/or wiring upgrade rebates to help with the purchase and set up of EV home charging for income eligible customers
- Managed Charging incentives for charging your electric vehicle at certain times



## Recycling

- Have a second fridge or freezer? Have it picked up at no cost and get a rebate for having it responsibly recycled



# Tips To Reduce Energy Use at Home



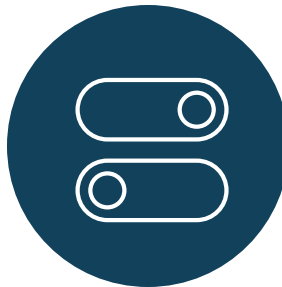
Thermostat Settings:  
Below 68°F in winter, at  
or above 75°F in summer



ENERGY STAR®  
certified LED bulbs



Warm sunshine and  
heavy drapes



Turn off lights and electronics  
and stop phantom power



Wash in cold water



Change furnace filters

# Eversource Programs to Help

- Electric Discount Rate
- Fuel Assistance Partnership Programs
- Payment Plans and Assistance Programs

**Handouts are available with more detailed information**

[eversource.com/billhelp](https://eversource.com/billhelp) | 800-286-2828

**Scan for more information**



EMPOWERING

A CLEAN ENERGY

EVERSOURCE

FUTURE

# Questions

**EVERSOURCE**

**Thanks**  
**for listening.**





Experts in advanced air sealing, duct sealing, and insulation. The only approved contractor to perform these services in SNEW/TTD territory

Named one of the top 25 insulation contractors in the U.S. by the Insulation Contractors Association of America (ICAA) for 2025

Certified Aeroseal<sup>™</sup> Dealer

Coming soon: Lantern Heating & Cooling



NPU/GU/BL&P:  
Home Energy  
Savings

Eversource:  
Home Energy  
Solutions<sup>SM</sup>

Different program names, same goal:  
save energy

# Cost

## **NPU/GU/BL&P**

- No cost to customer

## **Eversource**

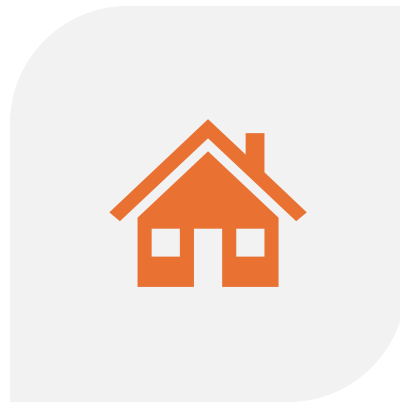
- Market Rate: \$40 copay as of 4/1/26
- Income-Eligible: no cost to customer



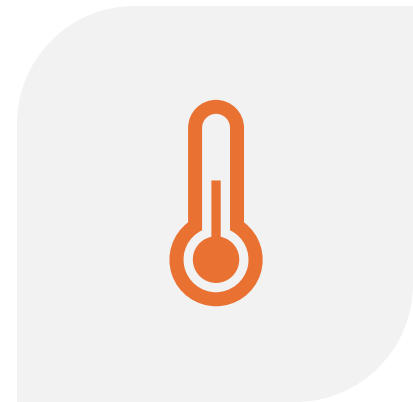
# Why participate?



HIGH UTILITY BILLS



DRAFTY HOME



SOME ROOMS COLDER  
THAN OTHERS



# Who Is Eligible?

- Landlords
- Tenants (with written landlord authorization)
- Single family homes
- Apartments (2-4 units)
- Condos





## Most Impactful Improvements

Air Sealing

Duct  
Sealing

Insulation





## Home safety checks

- Asbestos-containing material
- Mold-like substance
- Combustion safety tests







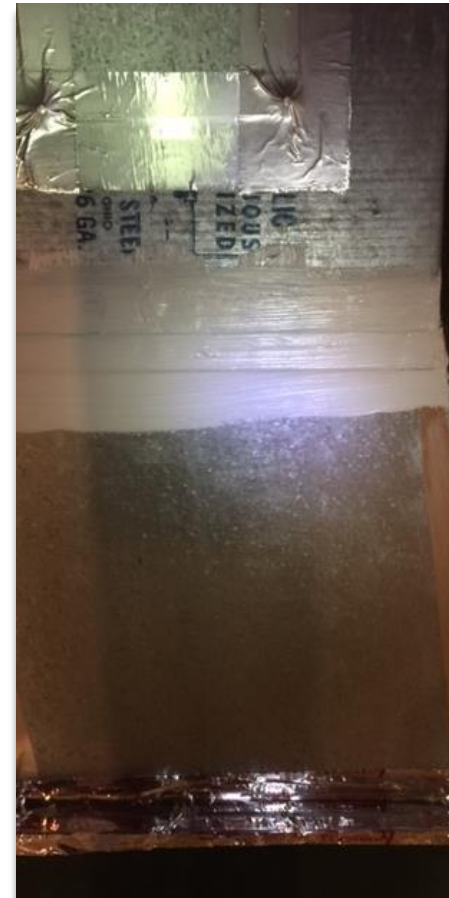
# Blower Door Test

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- Pinpoints air leaks/drafty areas that we seal on the spot, resulting in a more airtight and comfortable home.
  - **Air sealing** is completed with low expanding foam, caulking, weatherstripping and door sweeps.







**Duct sealing** keeps your heated/cooled air flowing to the living space.



# CERTIFIED LEAKAGE REPORT

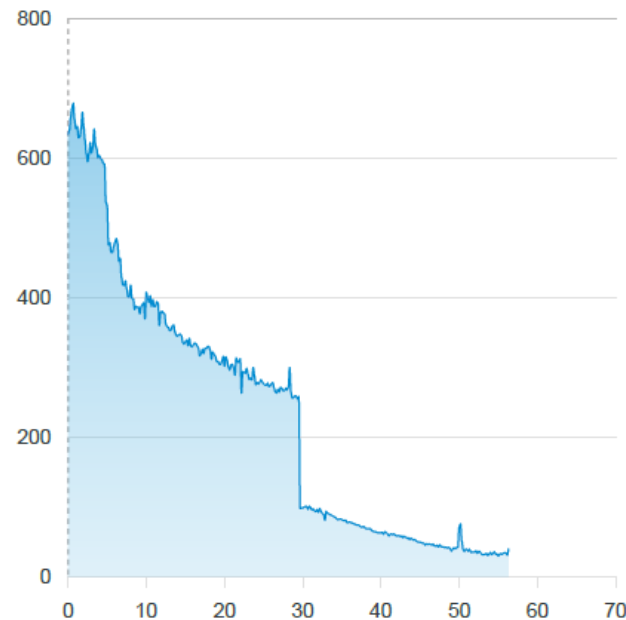
Duct sealing performed for:

CT24P02703089

Technician Name: 5688

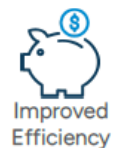
Date: 5/23/2025

Leakage (CFM@25Pa)



Duct leakage results are calculated in CFM calculated at a STANDARD OPERATING PRESSURE of 25 Pa.

Going Beyond Any Other Energy Reduction Service



Aeroseal  
aeroseal.com  
877-FIX-DUCT  
info@aeroseal.com

Scan for more details



Aeroseal Case ID: 5688

System Description: 1st floor air handler

Seal Description: 1st floor

Hardware: Homeseal Connect

Area Served by Air Handler: 2000.0 ft<sup>2</sup>

Square Footage of Residence: 2000.0 ft<sup>2</sup>

|                                                                                            | Initial | Final |
|--------------------------------------------------------------------------------------------|---------|-------|
| CFM@25Pa                                                                                   | 634.65  | 40.71 |
| CFM/100ft <sup>2</sup> @25Pa                                                               | 31.73   | 2.04  |
| Equivalent Hole Size (Sq.In)                                                               | 119.90  | 7.69  |
| % System Capacity                                                                          | 79.3 %  | 5.1 % |
| <div><div>93.6%<br/>Improvement</div><div><br/>Equivalent to planting 50 trees</div></div> |         |       |

Advanced Duct Sealing\*

\*Incentives available for Eversource, UI, GU/BLP customers

# Additional Energy Saving Measures



Water-saving sink  
aerators and  
showerheads



LED light bulbs\*



Pipe insulation

*\*LED light bulbs only available for NPU/GU/BL&P customers*

# Upgrade Recommendations:

Insulation



Heating system



Water heater

# Utility Incentives: Insulation



## **Eversource:**

Up to \$2.00/sq ft (up to \$10,000) for attic, basement, exterior walls, rim joist

Cost of insulation is 100% covered for Income Eligible customers



## **NPU:**

Up to \$1.75/sq ft for attic insulation  
Up to \$1.25/sq ft for wall insulation



## **GU/BL&P:**

Up to \$2.50/sq ft for attic insulation





## Contact Us

877-878-3006

[www.lanternenergy.com](http://www.lanternenergy.com)

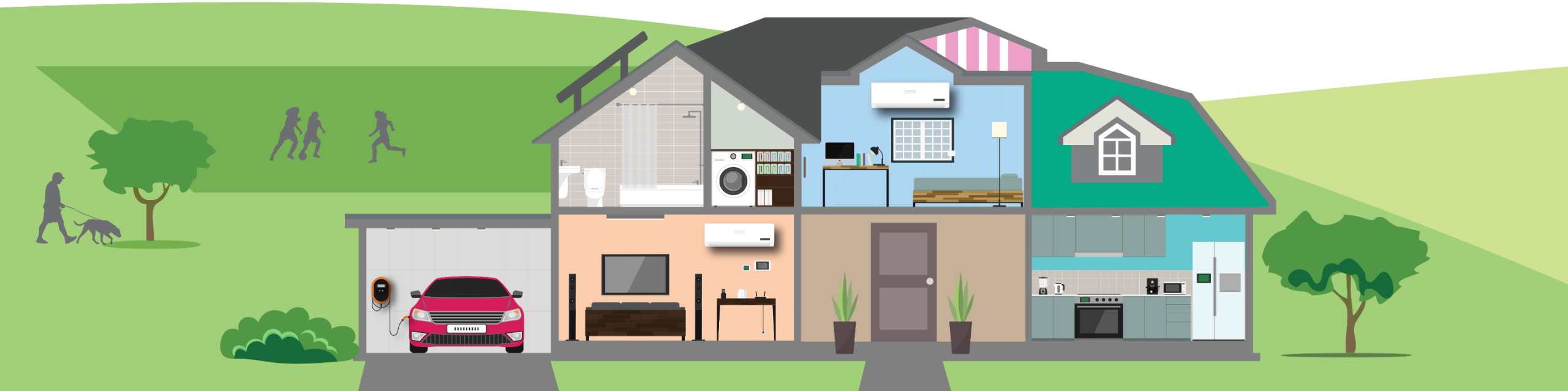
# Residential EE Resource Fair

April 2026



# smart-e loan

- Unsecured, personal loan for energy improvements at 1–4 unit, owner-occupied residential properties **statewide** in Connecticut
- **90+ eligible measures** - HVAC, solar, insulation, heat pumps and new – climate resiliency!
- Loan amounts: **\$500 - \$50,000**
- **No money down**
- Fixed monthly payments - No prepayment penalty



# Financing for Projects



| Terms | 5 or 7 Years | 10 Years | 12 Years | 15 or 20 Years |
|-------|--------------|----------|----------|----------------|
| Rates | 6.99%        | 6.99%    | 7.49%    | 7.99%          |

[www.ctgreenbank.com/smart-e](http://www.ctgreenbank.com/smart-e)

# EE and RE Eligible for Financing (examples)

## Heating and Cooling

- Air source heat pumps
- Geothermal
- High Efficiency furnace / boiler
- Heat pump water heating
- Fuel conversion
- On demand water heating

## Home Performance

- Battery back up (ESS)
- Solar PV
- Solar Hot Water
- Insulation!!
- Duct / Air Sealing
- Windows
- EV Charging

## Others

- Roof repair / replace with solar
- Asbestos removal
- Tree removal with solar



# New Measures Eligible for Financing (examples)

## Water Related & Landscaping

- Elevate utilities
- Install unions, fittings, valves for removal
- Repair/ replace plumbing & lead pipes
- Well improvements
- Septic improvements
- Replace impervious surface
- Plant native trees

## Resilience

- Battery back up (ESS)
- Electric service and wiring upgrades
- Elevate utilities
- High impact glass
- Storm shutters

## Floodproofing

- Basement windows
- Sump pumps
- French drains
- Wall sealant
- Air vent system

# Heat Pump Special Offer \*

- 0.99% interest rate
  - Limited to 5 and 7 year terms
  - Maximum loan amount: \$25,000
  - Any amount beyond \$25k will be at the regular rate, which would be calculated at a blended rate
- If a homeowner wants a 10-year term their Smart-E loan rate will be
  - 2.99% interest rate
  - Maximum loan amount: \$30,000
  - Any amount beyond \$30k will be at the regular rate, which would also be calculated at a blended rate

\* Eversource or UI (Avangrid) territory only



# Thank you for attending!





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# Questions?



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***Thank you!***

Additional information is available at:  
[secogct.gov/southeastern-ct-housing-alliance](http://secogct.gov/southeastern-ct-housing-alliance)

**And thank you to event sponsors!**

