

Planning, Building, & Environmental Services

Introduction to the Bay Area Regional Energy Network

Residential Programs



Napa County Sustainability



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The Bay Area Regional Energy Network (BayREN)

BayREN is a highly effective and trusted group of local governments that deliver targeted, integrated, and regional-scale climate solutions focused on energy, water, and resilience.



10 Years of BayREN Successes

Through 2024, BayREN has:

- Avoided 166 million tons of carbon emissions
- Paid \$88 million in incentives across programs
- Upgraded more than 76,000 housing units and businesses
- Hosted 13,500 attendees at over 600 technical trainings



Program Offerings



Residential

- Single Family - EASE Home
- Bay Area Multifamily Building Enhancements Program (BAMBE)
- Green Labeling



Commercial

- BayREN Business
- BayREN Refrigerant Replacement Program (BRRR)



Public Sector

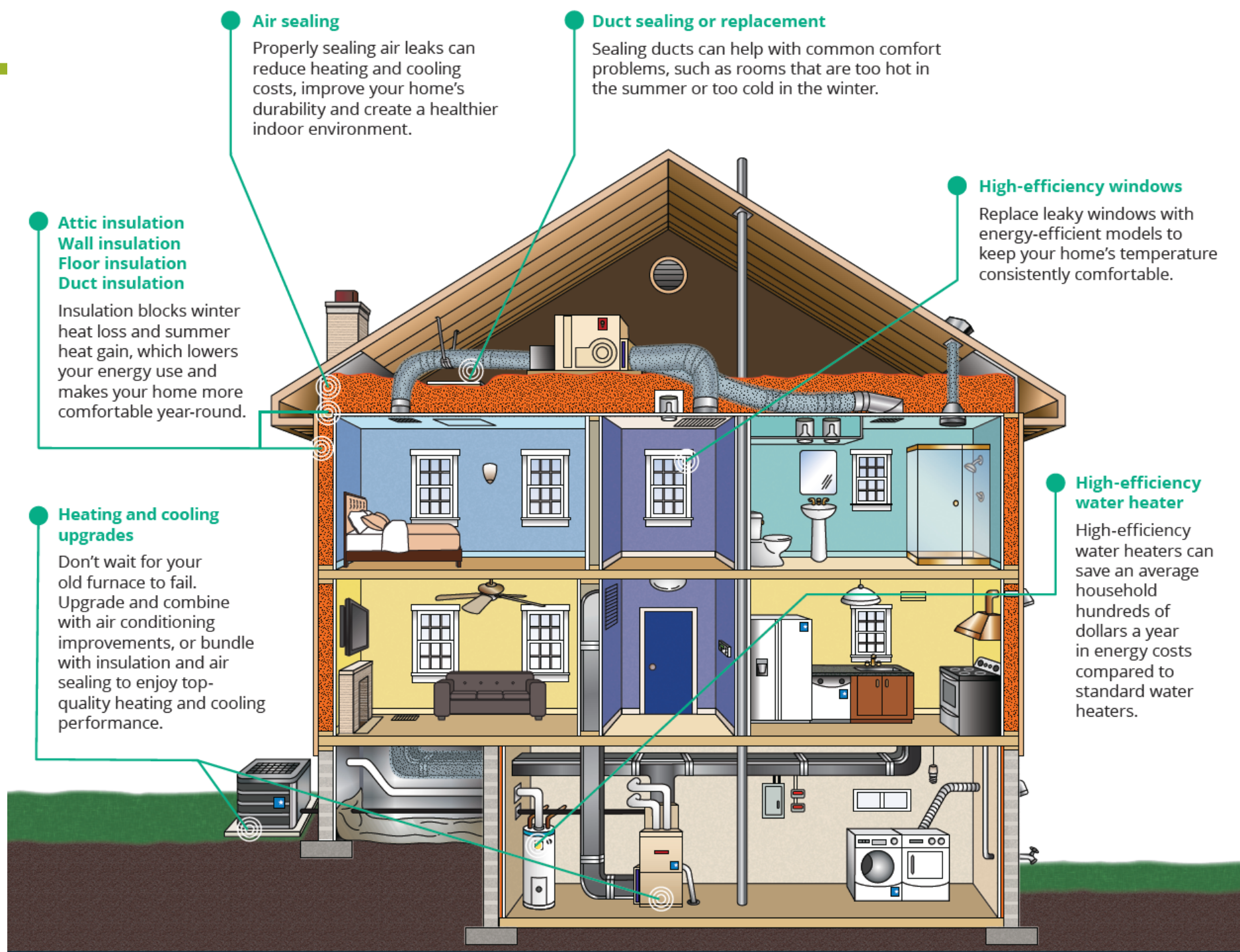
- Integrated Energy Services (IES)
- Targeted Decarbonization Services (TDS)



Cross Cutting

- Codes & Standards
- Workforce Education and Training (Rising Sun)
- Water Upgrades Save





Air sealing

Properly sealing air leaks can reduce heating and cooling costs, improve your home's durability and create a healthier indoor environment.

Duct sealing or replacement

Sealing ducts can help with common comfort problems, such as rooms that are too hot in the summer or too cold in the winter.

Attic insulation Wall insulation Floor insulation Duct insulation

Insulation blocks winter heat loss and summer heat gain, which lowers your energy use and makes your home more comfortable year-round.

High-efficiency windows

Replace leaky windows with energy-efficient models to keep your home's temperature consistently comfortable.

Heating and cooling upgrades

Don't wait for your old furnace to fail. Upgrade and combine with air conditioning improvements, or bundle with insulation and air sealing to enjoy top-quality heating and cooling performance.

High-efficiency water heater

High-efficiency water heaters can save an average household hundreds of dollars a year in energy costs compared to standard water heaters.

EASE Home (Single Family)

- *Efficient and Sustainable Energy Home Program*
- Designed to help income-eligible residents make bill-saving energy upgrades and improve home comfort and health. 1-4 unit households.
- Program focused on increasing home energy efficiency by providing upgrades such as insulation, duct sealing, and smart thermostats.



EASE Home (Single Family)

- Income eligibility threshold is household income at or below 120% of Area Median Income (AMI)
 - For Napa County, this would be \$176,050 for a 4-person home
- Available at a minimal cost to homeowners/renters: a 20% co-pay, not to exceed \$1,000.
- By the end of 2025, we aim for **36 completed projects** in Napa County, among 560 across the Bay Area. (Launches here in October)





Green Labeling

- Help increase consumer awareness of energy efficiency and green improvements, through two pathways:
 - Green Real Estate Trainings
 - Home Energy Score

Green Real Estate Trainings

- Providing training to real estate professionals to better understand and market the benefits of energy efficient homes.
- Trainings include:
 - Green home tours
 - National Association of Realtors Green Designation
 - Accredited Green Appraiser Training
 - Induction cooking demonstrations



Home Energy Score

- Incentive to participate in U.S. Department of Energy's Home Energy Score (HES) program.
- HES is an easy-to-understand metric to measure a home's efficiency. A quick, visual form of a home energy assessment.
- BayREN provides a \$250 rebate for residents to complete this assessment on their home.
 - Assessments generally cost \$200-250, so this rebate makes it effectively free.





BAMBE (Multifamily)

- The *Bay Area Multifamily Building Enhancements* program helps owners of multifamily properties (5+ units) make energy-saving upgrades.
- Provides:
 - No-cost technical assistance
 - Rebates ranging from \$500 - \$5,000+ per unit
- To qualify, properties must install 2 or more upgrades which can be modeled to show a reduction in property-wide energy usage of 10% or more.



BAMBE (Multifamily)

- Any measure that reduces energy consumption can be eligible. Such upgrades include new windows and insulation, as well as electrification measures like heat pumps.
- Incentive amounts start at \$500 and can increase to \$5,000 or more, based on project scope and building location.
- Rebates are further boosted for properties located in areas with high health, heat, or housing burdens.

BAMBE in Napa County

Since program launch, we have completed 8 projects, upgrading 515 residential units.

- 8% of the ~6500 multifamily units in the County
- These received a total of ~\$420,000 in incentives, which covered 23% of total project costs
- Saved 132,589 kWh and 12,621 therms



BAMBE in Napa County

As of today:

- 2 projects in active construction, covering 12 units (\$43,000 in rebates to be paid)
- 7 projects in technical assistance, covering 123 units



Thank you

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