



Local Governments Empowering Our Communities



# Bay Area Regional Energy Network (BayREN) Programs Update

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BOS Sustainability Committee

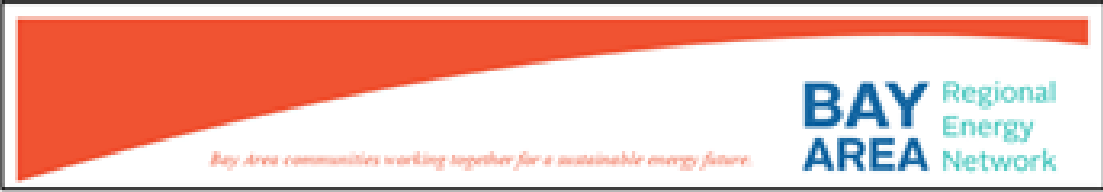

September 27, 2021

# Bay Area Regional Energy Network (BayREN)



- The BayREN is a collaboration of the nine counties that make up the San Francisco Bay Area.
- Led by the Association of Bay Area Governments (ABAG), BayREN draws on the expertise, experience, and proven track record of local governments and their staff
- BayREN is one of three regional energy networks (RENs) in California
- Funding provided by the California Public Utilities Commission (CPUC)

# Evolution of BayREN

The Evolution of BayREN			
Iteration	BayREN 1.0	BayREN 2.0	BayREN 2.5
Time Period	2013-2015	2016-2017	2018-Current
Defining Aspects	Program startup, contracting and relationship building	Emergence of community choice aggregators, cost-effectiveness determination, and program refining	Decarbonization, electrification, health and equity, and program administrator collaboration
Branding			
Portfolio Budget	\$14.5 million per year	\$17.5 million per year	\$23.5 million per year
Program Portfolio	<ol style="list-style-type: none"> <li>1. Single Family Home Upgrade</li> <li>2. Multifamily</li> <li>3. Codes and Standards</li> <li>4. Financing <ul style="list-style-type: none"> <li>• Commercial Property Assessed Clean Energy (cPACE)</li> <li>• Multifamily Capital Advance (MFCAP)</li> <li>• Pay-as-You-Save (PAYS)</li> </ul> </li> </ol>	<ol style="list-style-type: none"> <li>1. Single Family Home Upgrade</li> <li>2. Multifamily</li> <li>3. Codes and Standards</li> <li>4. Financing <ul style="list-style-type: none"> <li>• cPACE</li> <li>• MFCAP</li> <li>• PAYS</li> </ul> </li> </ol>	<ol style="list-style-type: none"> <li>1. Home+</li> <li>2. Multifamily &amp; MFCAP</li> <li>3. Green Labeling</li> <li>4. Codes and Standards</li> <li>5. Commercial</li> <li>6. Water Upgrades \$ave</li> </ol>

# BayREN Programs

- **Residential Programs**
  - Single Family (Home+)
  - Green Labeling
  - Multi-Family (BAMBE)
  - Water Upgrades \$ave
- **Commercial Programs**
  - BayREN Business (Pay for Performance)
- **Codes and Standards**
  - Regional forums on key topics
  - Electronic tools and permit guides
  - Technical assistance for Zero Net Energy/Carbon



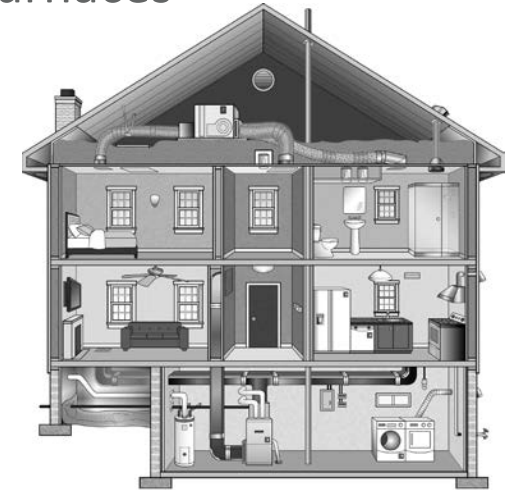
# Home+ Program (Single Family)

## Program Overview

- Provides up to \$5,000 in rebates for energy efficiency and electrification upgrades
- [2021 Measure List](#) – weatherization, building shell, water heaters, and furnaces
- No-cost Home Energy Advisor
- Free homeowner education and workshops
- Youth trainee partnership with Rising Sun
- Participating contractor model

## Program Focus

- Middle income homeowners and renters, but anyone is eligible for Home+ rebates
- Electrification pathway to emphasize indoor air quality & climate objectives



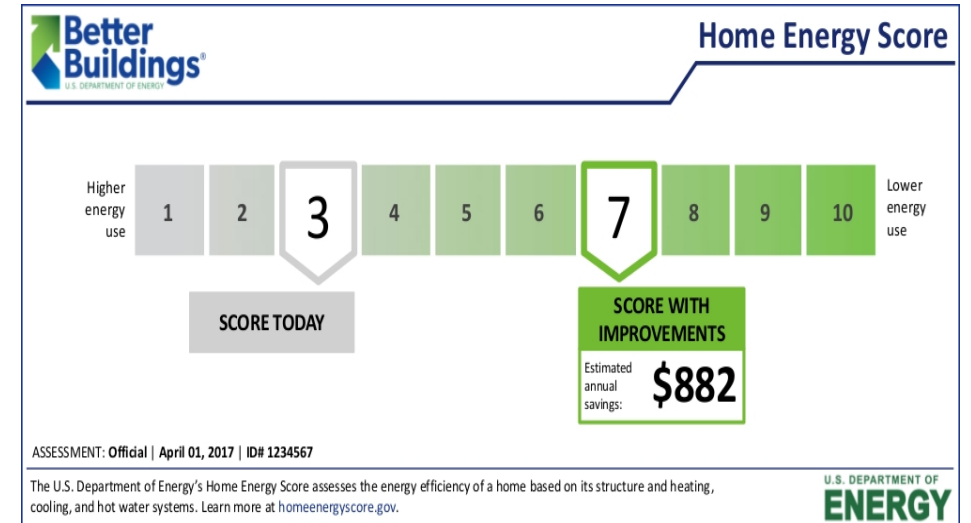
# Green Labeling Program

## Program Overview

- Recognizes and quantifies value of green homes during real estate transactions
- \$200 rebate for obtaining a Home Energy Score assessment
- Free training and workshops
- Partnering with Home Energy Score Assessors/Raters
- Refer customers to Energy Advisors
- Identify upgrade projects

## Program Focus

- Complementing market transformation strategies (incentives and financing)






# Bay Area Multifamily Building Enhancements (BAMBE)

## Program Overview

- No-cost energy consulting designed to save >15% of a building's energy and water usage
- Cash rebates
- Access to financing
- 5+ dwelling units; \$750 per unit rebate
- Open contractor model

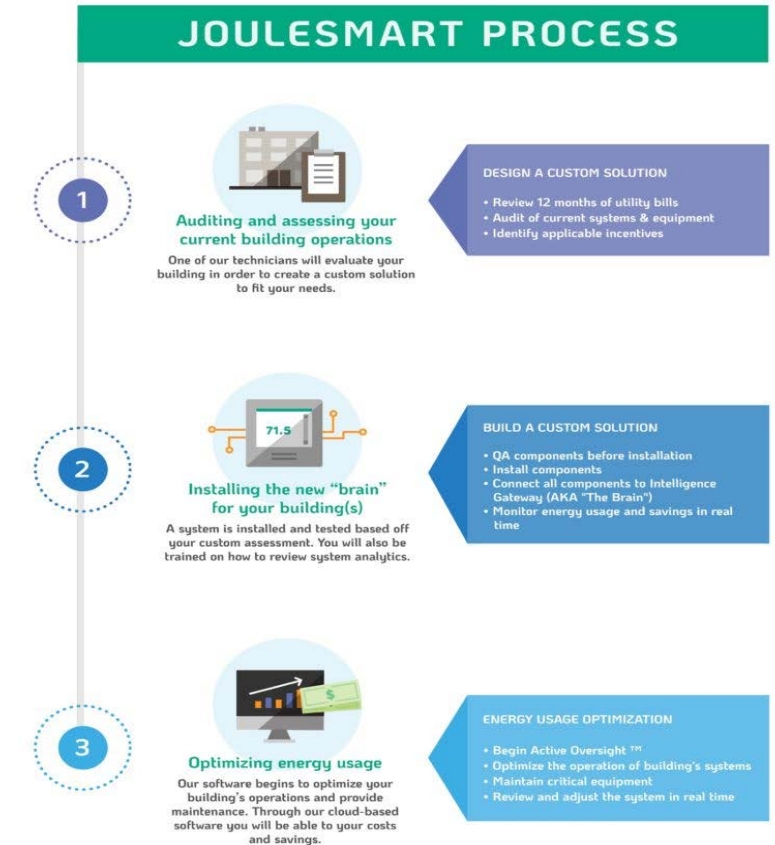
**Get started today.**  
[BayAreaMultifamily.org](http://BayAreaMultifamily.org)

	Free Energy Consultation
	Choose your own contractor
	\$750 per unit rebates

# BayREN Business

## Program Overview

- Lighting, HVAC, and refrigeration equipment upgrades at **no out-of-pocket-cost** to serve small-to-medium business owners (<50,000 ft<sup>2</sup>)
- “Pay for Performance” program design guarantees financial and energy savings
- Target Businesses
  - Retail, personal and business services, restaurants, automotive services stations and dealerships
  - Leased space
  - Less than 10 employees
  - Non-English Speaking or English as a Second Language





# Codes and Standards

## Program Focus

- Support the development and implementation of tools, best practices, trainings, and policies to accelerate compliance with and exceed California Title 24, Part 6

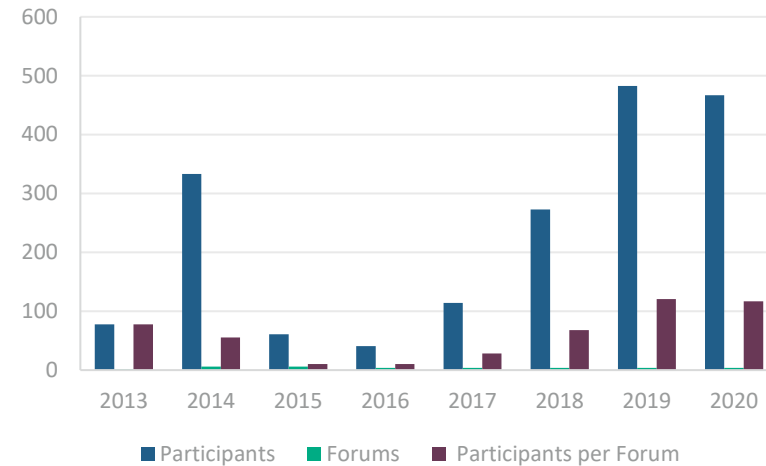
## Target Audience

- Building officials, plan checkers, field inspectors, permit technicians
- Free forums, resources, and services

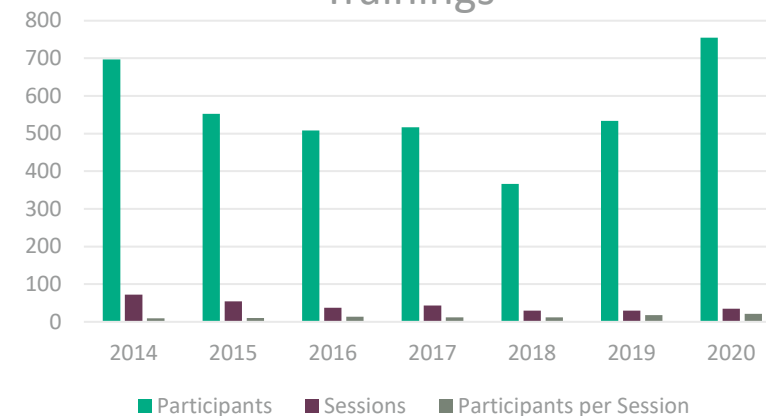
## Resources Available Include

- Free, half-day regional forums to network and learn about local adoption and implementation of energy code, green building and ZNE policies
- Energy Code Compliance and Enforcement: Trainings, ePermit tool, CodeCycle tool
- Reach Code Support: List of legal requirements for reach codes, process for reach codes
- Zero Net Energy (ZNE)/Zero Net Carbon (ZNC) Technical Assistance: BayREN Energy Target and Benchmark Tool, Resource lists

### Forums



### Trainings



# County BayREN Local Outreach

## **BayREN Single-Family (Home+) Rebate Program**

- 3-4 Homeowner workshops managed/conducted by County staff per year since 2013
  - General attendance ranges from 50-100 Homeowners per workshop
  - Includes program overview, homeowner experience, BayREN Participating Contractors with Q/A.
  - Over 200,000 mailers to property owners about BayREN Single-Family rebate program

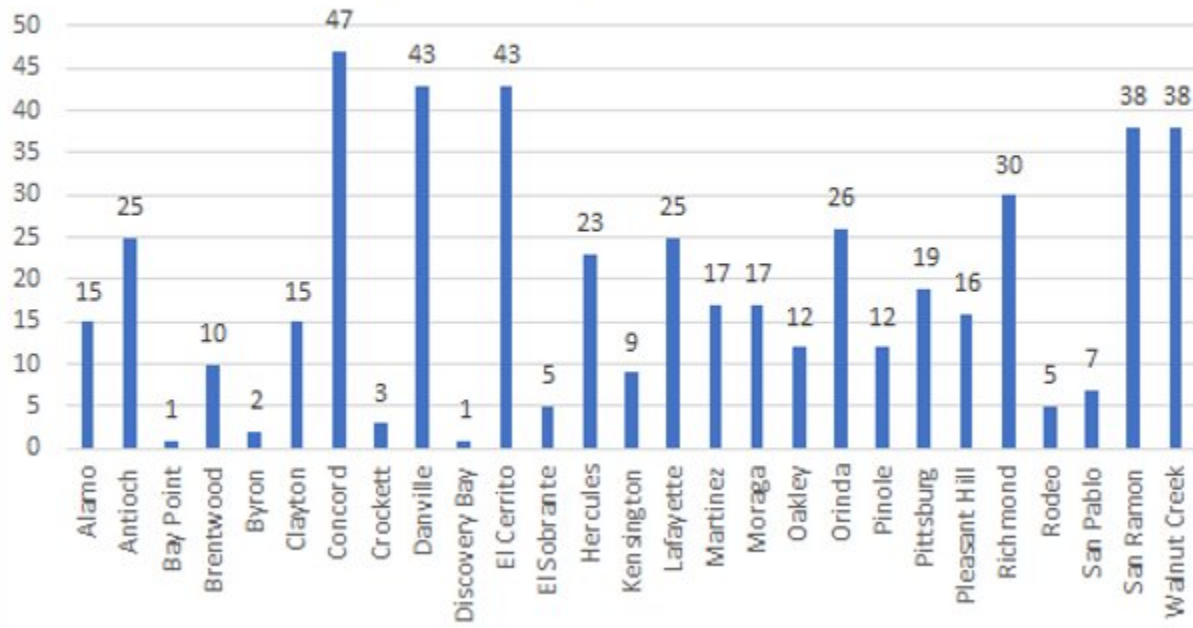
## **BayREN Multi-Family Rebate Program**

- Strategic Mailers to MF Property Managers
  - Coordination with clients from Contra Costa Asthma Initiative

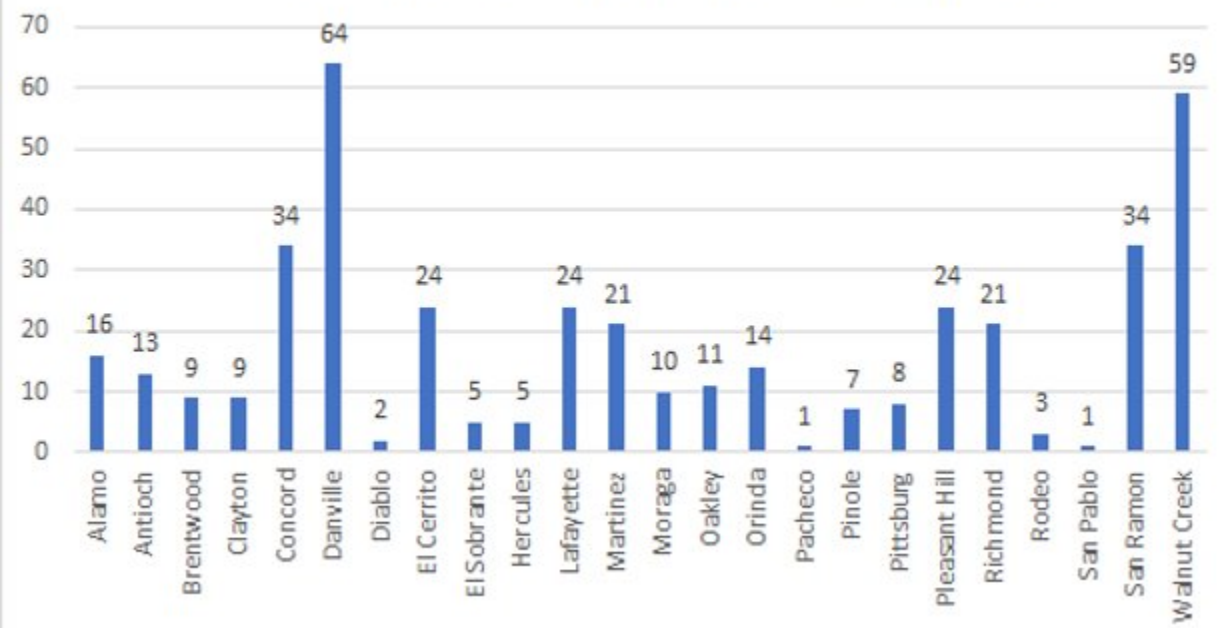


# Home+ Projects Completed by Community

Number of Projects Completed by Community in 2019

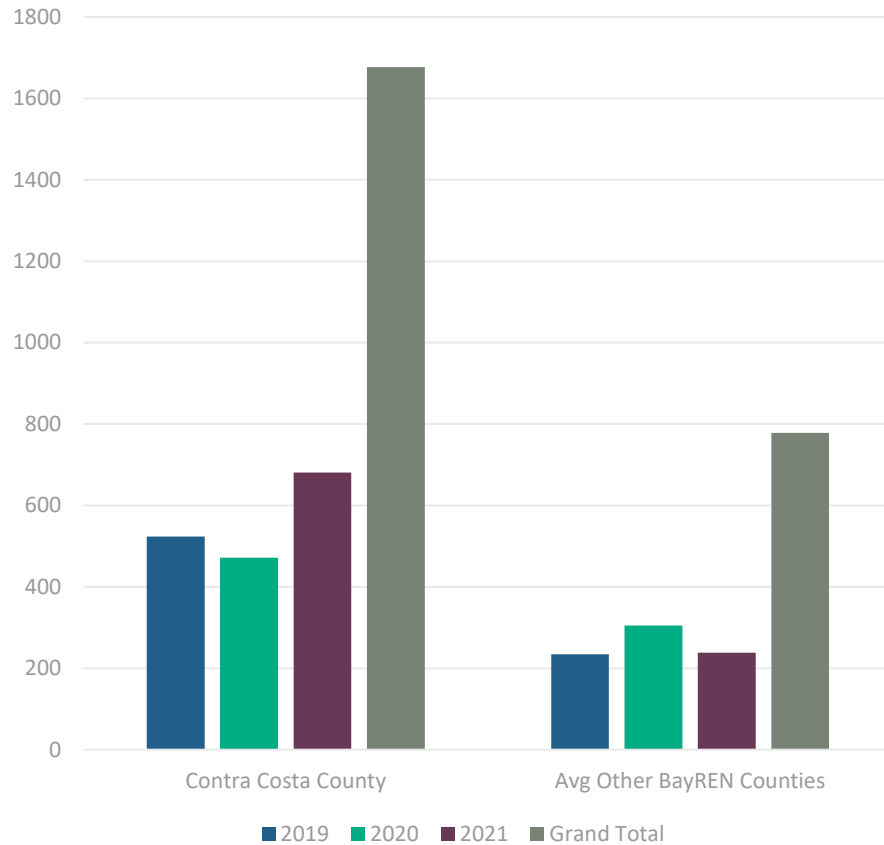


Number of Projects Completed by Community in 2020

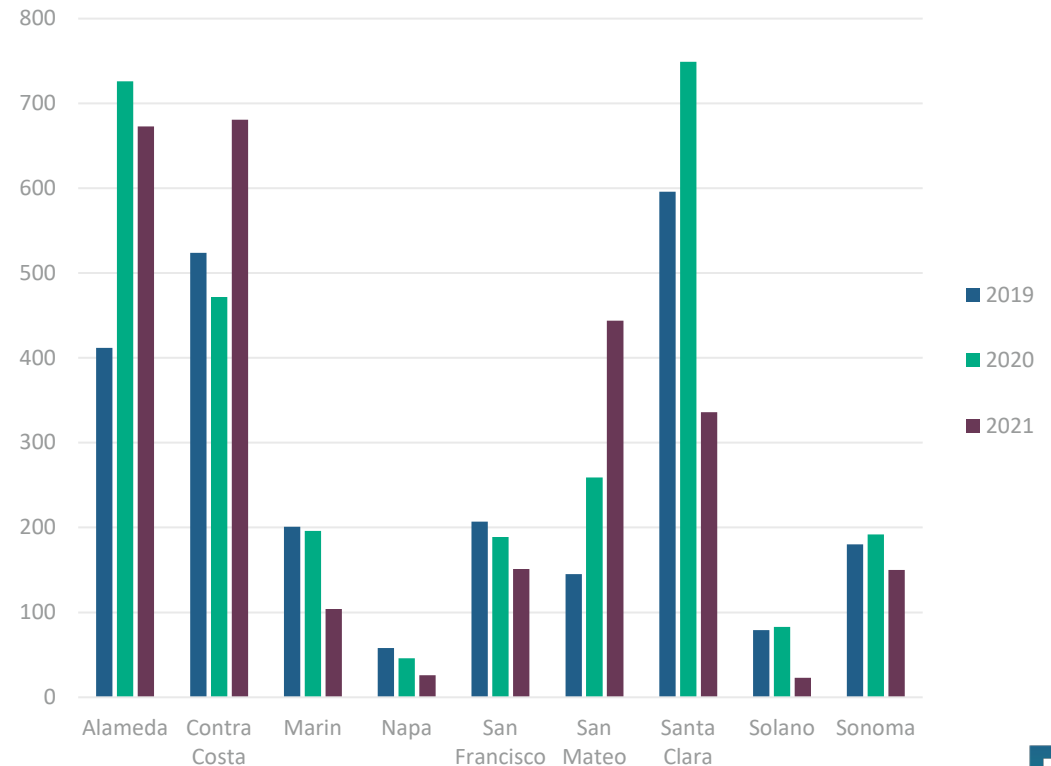


# Home+ Rebate Measures Completed All Counties Comparison : 2019 thru 2021

Home+ Total Measures Completed



Home+ Measures Completed by County



# The Future of BayREN

- October 23, 2019, California Public Utilities issued Decision (R.13-11-005) on Future of RENs, which among other things no longer labels RENs as Pilot Programs.
- 2025 Strategic Plan Framework
  - Focus on “equity priority communities”
    - BayREN Multi-Family Rebate Program Focus
      - Deed-restricted or naturally-occurring affordable housing
      - Located within a disadvantaged community
      - Less than 100 units
      - Resident ownership structure (HOA, Co-Op)
      - Clean Heating Pathway

# Questions?



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