



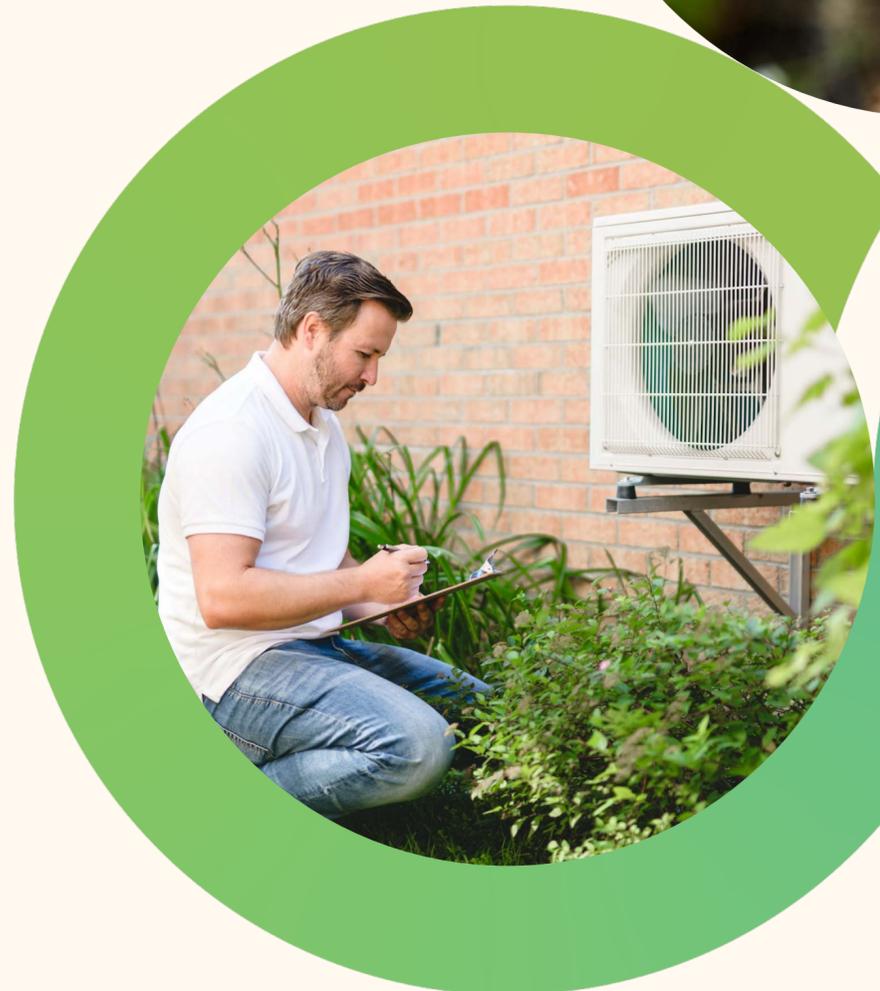
# San Mateo County Energy Watch + BayREN

BayREN EASE Single Family Program  
SMCEW Methane Gas Cataloging

**November 19<sup>th</sup>, 2025**

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# Agenda



## **1) BayREN Single Family EASE Program**

- 1) Program overview
- 2) Outreach

## **2) San Mateo County Energy Watch Methane Gas Catalog**

- 1) Process
- 2) Collaboration with Office of Education
- 3) Next push
- 4) Ideas





Local Governments Empowering Our Communities

# THE EFFICIENCY & SUSTAINABLE ENERGY (EASE) HOME PROGRAM

By the Bay Area Regional Energy Network (BayREN)

# Who is BayREN?

The Bay Area Regional Energy Network (BayREN) is a coalition of the Bay Area's nine counties partnering to promote resource efficiency at the regional level, focusing on energy, water and greenhouse gas reduction.

Through ten programs, BayREN serves residents, business owners, local government staff with funding, technical assistance, and more.

[BayREN.org](http://BayREN.org)



# Who Qualifies?



Live in a single-family home (up to 4 units) built before 2010.



Are a PG&E customer.



Have a household income under or at 120% AMI.

*See chart for guidelines.*

Household Size	Income Limit
1	\$ 164,550.00
2	\$188,025.00
3	\$211,500.00
4	\$234,975.00
5	\$253,800.00

For more information, see [www.BayREN.org/income-guidelines](http://www.BayREN.org/income-guidelines)

## Renters can apply as well!

- Renters need Property Owner permission.
- Both parties will need to sign the Participation Agreement and a Rental Upgrade Agreement.

# Why Moderate Income?

- Based on survey research of moderate-income HH's in the Bay Area:
  - Similar barriers to low-income households
  - Lower awareness and participation in energy programs
  - Significant financial constraints
  - Home conditions that could be addressed through EE improvements
  - Willingness to pay a 20% co-pay

*Moderate-income have higher rates of home ownership, making them more likely to implement permanent home upgrades when given proper support.*

# Unlock Your Home's Full Potential

Improved Wall Insulation

Improved Attic Insulation

Air Sealing

Duct Replacement

Clean Heating & Cooling

Clean Water Heating

Clean Laundry

Clean Cooking

## Core Measures

*Customer co-pay: 20% of costs, no more than \$1,000.*

- Attic Insulation\*
- Wall Insulation\*
- Duct Sealing or Replacement\*
- Air Sealing
- Weatherstripping
- Smart Thermostat
- Health and Safety Upgrades
- Minor Home Repairs

✓ 80% costs covered ✓ Comprehensive support

\* at least one starred measure is required

## Additional Measures

*Customer co-pay: Full cost minus 3<sup>rd</sup>-party rebates*

- Heat Pump Heating and Cooling
- Heat Pump Water Heater
- Induction Cooking
- Heat Pump Dryer
- Electrical Infrastructure Upgrades

✓ Finding and applying for third-party rebates  
✓ Comprehensive support

# It's an EASE-y Process

## Step 1

Check if You Qualify  
and Complete Your  
Application



## Step 2

Complete Your Site  
Visit  
Visual Inspection of  
Income  
Documentation



## Step 3

Install Your Upgrades  
Through Our Partner  
Contractors  
Energy Advisor applies  
for additional rebates



## Step 4

Enjoy a More  
Comfortable,  
Healthy, and Energy  
Efficient Home



# Workforce Impact

The program will partner with installing contractors that:

- Pay prevailing wage
- Are based in the Bay Area
- Are mostly certified small business, women, minority, disabled veteran, or LGBT business enterprises
- Employ targeted hiring strategies
- Participate in relevant state-approved apprenticeship programs

Target Reach

Upgrade

900

moderate- income  
homes yearly

# Targeted Marketing & Outreach

- In addition to moderate-income customers, marketing campaigns will focus on:
  - Households where English is not the primary **language**
  - Households that live in **pollution burdened areas**
- Leverage outreach partnerships with aligned CBO's and other related orgs
- What are some demographics that we are missing? Childcare centers, etc...

**BAYREN**

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**QUESTIONS?**



# Methane Gas Cataloging

Pathway to helping local agencies achieve their decarbonization goals





# San Mateo County Energy Watch (SMCEW)

## Program Funding



PG&E ratepayer funded

- Utility bill: "Electric Public Purpose Programs"
- No cost to municipalities to participate



## Benefit to Municipalities



Support Munis. in reducing energy use and expenses

- Program referrals
- Methane Gas Catalogue Tool
- Energy benchmarking



## Referral System



PG&E programs, and others

- Advise municipalities on the best programs to fit their needs
- SMCEW refers municipalities to resource programs + others



# Context: Data Collection done for Schools

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- **All SMC schools have been cataloged**
  - Comprehensive understanding of what equipment is out there
- How this helps?
  - Currently in the process of helping find funding sources to implement into their projects

	Replacement Priority (5 is highest priority)					
	Blank	1	2	3	4	5
Gas Fired Rooftop Air Conditioning	21	0	0	161	92	2
Gas Fired Furnaces	0	0	50	141	486	0
Gas Fired Water Heaters (Storage Ty	7	0	11	18	2	0
Gas Fired Kitchen Equipment	3	0	4	17	0	0
Gas Fired Boilers	0	0	4	17	7	0



# Context: Data Collection done for Schools



Applying bond funding + PCE funds + PG&E program dollars to layer into school CIP's

San Mateo County Office of Education Total Cost	
Base Cost	\$88,663.80
Add-on: Electrical Run	\$90.00
Add-on: Door Vent	\$1,200.00
Add On: Manual or Dolly Lift	\$1,440.00
Add On: Flue Repair	\$500.00
Reduction: Elect to Electric	-\$5,680.00
<b>Subtotal</b>	<b>\$86,213.80</b>
<b>GK-12 Incentive</b>	<b>\$57,317.80</b>
<b>SchoolsBE Funds</b>	<b>\$28,896.00</b>
<b>Net Cost</b>	<b>\$0.00</b>

**We want to do this for municipalities!**



# Catalog Status

Atherton	Millbrae
Belmont	Pacifica
Brisbane	Portola Valley
Burlingame	Redwood City
Colma	San Bruno
Daly City	San Carlos
East Palo Alto	San Mateo
Foster City	South San Francisco
Half Moon Bay	Woodside
Hillsborough	Pescadero
Menlo Park	San Mateo County





Thank you.

Staff Name

Staff Title

Staff Email