



DATE: September 12, 2016

AGENDA ITEM # 2

**TO:** Environmental Commission

**FROM:** J. Logan, Staff Liaison

**SUBJECT:** Receive report from Santa Clara Office of Sustainability staff on the BayREN Energy Program

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### **BACKGROUND**

Santa Clara County Office of Sustainability is involved with BayREN, Bay Area Regional Energy Network, a collaboration of the 9 counties that make up the San Francisco Bay Area. BayREN implements effective energy saving programs on a regional level and is funded by California utility ratepayers under the auspices of the California Public Utilities Commission.

### **DISCUSSION**

Staff from the Santa Clara Office of Sustainability will make a presentation at the September 12, 2016 Environmental Commission meeting to discuss the BayREN program and provide materials on effective energy saving programs available to residents of the City. In addition, a workshop will be held on October 18, 2016 from 6:30 pm to 8 pm at Hillview Community Center to provide information on home energy efficiency for residents. Information on rebate programs will be featured during the workshop. Please see Attachment A materials for details.

Staff from the Office of Sustainability presented a similar and highly successful workshop on this topic in Los Altos for residents on July 2014.

### **ATTACHMENT:**

A. BayREN materials

## SANTA CLARA COUNTY SINGLE-FAMILY HOMEOWNERS:

# Make Your Home More Energy Efficient and Get up to \$6,800 in Rebates!!

*Learn how at a FREE workshop sponsored by  
Energy Upgrade California®*

**Date:**

Tuesday, October 18, 2016

**Time:**

6:30 p.m. to 8:00 p.m.

**Place:**

Hillview Community Center  
97 Hillview Avenue  
Los Altos, CA 95008



Wasting energy  
is my pet peeve.

Space is limited, so please RSVP at [LosAltosRebates.eventbrite.com](http://LosAltosRebates.eventbrite.com)

If you are unable to RSVP online, call a Home Upgrade Advisor at **866-878-6008**

[Home](#) ▾[Single Family](#)[Multifamily](#)[Codes & Standards](#) ▾[Financing](#) ▾

## Bay Area Regional Energy Network

**"Bay Area communities working together for a sustainable energy future."**

BayREN is a collaboration of the 9 counties that make up the San Francisco Bay Area. Led by the Association of Bay Area Governments (ABAG), BayREN implements effective energy saving programs on a regional level and draws on the expertise, experience, and proven track record of Bay Area local governments to develop and administer successful climate, resource, and sustainability programs. BayREN is funded by California utility ratepayers under the auspices of the California Public Utilities Commission. One of only two Regional Energy Networks in the state, BayREN represents 20 percent of the state's population.

**Learn more about BayREN programs and current statistics [here](#).**

**See BayREN's impact and accomplishments [here](#).**



 **Single Family**

Single Family homeowners can save energy, increase the comfort and safety of the home and save money with Home Upgrade. A Home Upgrade Advisor can help homeowners receive rebates up to \$4,500 for installing energy efficient upgrades in the home. Heating, air conditioning, insulation, water, and other systems can all help strengthen your home's efficiency, reduce energy consumption, and reduce energy costs.

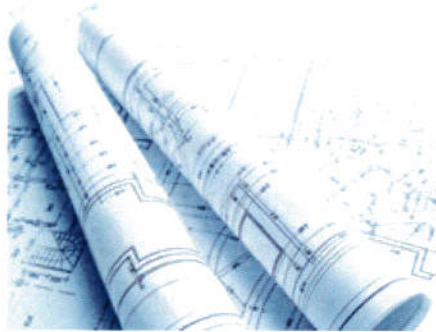
[Learn More](#)



## Multifamily

Multifamily properties can access cash rebates and free energy consulting for undertaking energy upgrades. The program assists in planning energy saving improvements designed to save about 10% of a building's energy usage and provides \$750 per unit in rebates to help pay for the upgrade.

[Learn More](#)



## Codes & Standards

The Codes & Standards program aims to improve the performance of buildings through increased compliance with Energy Codes, advocacy and support for adoption of green building codes, and by providing trainings to local governments and building industry professionals on standards and best practices.

[Learn More](#)



## Financing

Incentives are available that support **Single Family** and **Multifamily** building improvements. Property owners with select water utilities can use convenient **PAYS** on-bill programs to pay for resource efficiency upgrades. Commercial property owners have an option to repay building upgrades through property taxes.

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› Call (855-213-2838) to learn more.

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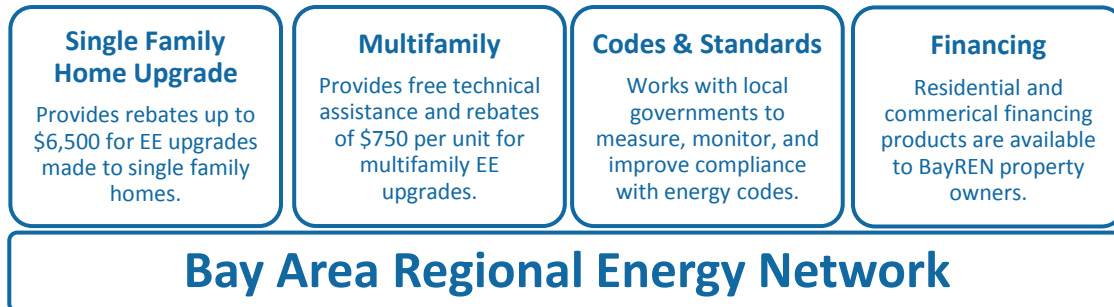
[Home](#) [Single Family](#) [Multifamily](#) [Codes & Standards](#) [Financing](#)

 375 Beale Street, 7th Floor, San Francisco, CA 94105-2066  (866) 878-6008

This edition of the *Santa Clara County BayREN Progress Report* covers BayREN activities in Santa Clara County from the inception of the program in Fall of 2013 through March 31, 2016.

BayREN is a collaboration of the nine counties that make up the San Francisco Bay Area. BayREN implements regional energy efficiency programs and draws on the expertise, experience, and proven track record of Bay Area local governments to develop and administer successful climate, resource, and sustainability programs.

BayREN offers services in the following four key program areas:



### Countywide Data

(Data 10/2013-3/2016)

City	Single Family # Projects Paid	Single Family \$ Rebates Paid	Multifamily # Units Paid	Multifamily \$ Rebates Paid
Campbell	24	\$ 43,500	93	\$ 69,750
Cupertino	18	\$ 18,700	311	\$ 233,250
Gilroy	4	\$ 7,650	11	\$ 8,250
Los Altos	39	\$ 48,900	-	\$ -
Los Altos Hills	2	\$ 2,600	-	\$ -
Los Gatos	25	\$ 35,799	63	\$ 47,250
Milpitas	14	\$ 14,550	68	\$ 51,000
Monte Sereno	4	\$ 2,800	-	\$ -
Morgan Hill	8	\$ 16,750	-	\$ -
Mountain View	20	\$ 26,600	553	\$ 414,750
San Jose	352	\$ 492,996	2,935	\$ 2,201,250
Santa Clara	32	\$ 43,207	91	\$ 68,250
Saratoga	38	\$ 51,550	-	\$ -
Stanford	1	\$ 1,900	-	\$ -
Sunnyvale	69	\$ 89,775	653	\$ 489,750
Countywide	650	\$ 897,277	4,778	\$ 3,583,500
BayREN Region	3,858	\$ 5,911,768	15,896	\$ 11,922,000

### Countywide Outreach

Data 10/2013-3/2016



■ Canvassing  
 ■ Tabling Event  
 ■ Title 24 Training  
 ■ Homeowner Workshop  
 ■ Presentation

### Countywide Environmental Impacts

(Data 10/2013-3/2016)

*Please note that the reported energy savings and calculated GHG estimates are approximate, and should not be used for emission inventory or formal carbon footprinting exercises.*



**3,786**

metric tons of CO<sub>2</sub> conserved Countywide – equivalent to offsetting the following GHG emissions:

**9,073,738**

Miles driven by an average passenger vehicle



**1,202**

Tons of waste recycled instead of landfilled



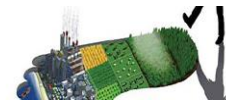
**800**

Passenger vehicles driven for one year



City	Single Family & Multifamily Electric (kWh)	Single Family & Multifamily Gas (therm)
Campbell	55,657.98	7,316.11
Cupertino	222,748.80	8,760.70
Gilroy	10,995.37	869.41
Los Altos	44,947.49	10,257.00
Los Altos Hills	575.90	476.80
Los Gatos	61,177.09	6,744.09
Milpitas	66,115.24	3,880.61
Monte Sereno	9,190.40	1,297.20
Morgan Hill	7,070.70	1,149.30
Mountain View	116,614.44	24,593.71
San Jose	2,119,470.37	168,157.73
Santa Clara	22,517.35	10,781.85
Saratoga	41,262.44	9,857.85
Stanford	239.60	112.70
Sunnyvale	473,415.16	28,822.40
Countywide	3,251,998.33	283,077.46
BayREN Region	10,310,541.11	1,257,060.89

Office of Sustainability



The County of Santa Clara Office of Sustainability was established by the Board of County Supervisors in August 2010, with a mission to integrate sustainability measures and principles across all departments and offices, and to forge a leadership and collaborative role for the County among local, state, and national partnerships addressing climate mitigation, adaptation, energy, water and resource optimization. [www.sccgov.org/Sustainability](http://www.sccgov.org/Sustainability)

### Countywide Opportunities & Resources

- **CodeCycle E-Tool** - BayREN is recruiting interested local jurisdictions to help demonstrate the potential of electronic tools to improve energy code enforcement and permitting. BayREN will provide free technical assistance to implement the tool, and a stipend for local jurisdiction staff time.
- **California Reach Code Tracker Tool** - The Statewide Codes & Standards Team has designed an online reach code tracking tool to help jurisdictions demonstrate energy and GHG savings generated by reach codes. Jurisdictional recruitment is ongoing.
- **Reach Codes & ZNE Support** - BayREN offers local jurisdictions assistance for reach code implementation and ZNE policy and projects. Support options include: cost effectiveness analysis, CEC submittal templates, tracking tools, design assistance and cost analysis for municipal projects, and resource toolkits.
- **Regional Collaborative Services Agreement (RCSA) for Residential PACE** - In order to safeguard consumer interests and promote program success, ABAG, through BayREN developed the RCSA which establishes the terms, conditions and roles each residential PACE provider will follow when operating in ABAG territory.

### COUNTY OF SANTA CLARA BAYREN REPRESENTATIVES

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