

Multifamily Sector Update





Program Overviews

Energy Savings Assistance (ESA) Program

A low income energy efficiency program providing income-qualified PG&E customers free energy education, weatherization measures and energy efficient appliances.

- Serves single-family, multi-family and mobile homes and is available to both owners and renters.

ESA Program 2009-2011 Activity				
Homes	Actual Spend	kWh	kW	Therms
341,193	\$383,925,905	130,225,026	32,088	6,805,151

Energy Upgrade California (EUC)

A residential energy efficiency program that encourages homeowners to make comprehensive “whole house” upgrades for up to \$4,000 in PG&E rebates.

- Currently offered to single family customers (2,400 jobs submitted between August 2010 and January 2012).



Historic ESA Program Participation

Housing Type	2004-2011 Homes Treated	
	Total	%
SF	452,370	70.9%
MF	136,255	21.4%
MH	49,120	7.7%
Total Units Treated	637,745	

Note: In the ESA Program, 1-4 units are counted as Single Family dwellings. Multifamily dwellings are 5+ units.

	Housing Type	2004-2011 Homes Treated	
		Total	%
Own	SF	260,521	40.9%
	MF	4,507	0.7%
	MH	42,599	6.7%
	Total Owners	307,627	48.2%
Rent	SF	191,849	30.1%
	MF	131,748	20.7%
	MH	6,521	1.0%
	Total Renters	330,118	51.8%
	Total Units Treated	637,745	



Multifamily EUC Pilot Overview

Pilot Goals:

- Test a comprehensive, performance-based retrofit program in a variety of multifamily building types and configurations.
- Study multifamily combustion appliance safety protocols related to comprehensive retrofits.
- Analyze cost effectiveness of various installed measures.
- 500 units in 2012.
- After pilot, PG&E will evaluate the program and prepare for full-scale rollout.

Measures and Incentives:

- Focus on central systems.
- Other measures may include building shell upgrades, in-unit systems (HVAC and domestic hot water), lighting, and other measures as appropriate
- As in the single family program, incentives will be tiered and based on modeled energy savings.

Integration and Coordination:

- Single point of contact will help building owner identify a tailored package of utility programs that best meet the building owner's goals and needs.
- Programs include, but are not limited to, Energy Savings Assistance Program (ESA Program), Multifamily Energy Efficiency Rebates (MFEER), and Middle Income Direct install Program (MIDI).



ESA & EUC Pilot Integration

Pilot Program Flow:

1. Single point of contact works with building owner to help identify appropriate utility programs.
2. Low income measures are directly installed in eligible units.
3. Energy assessment is conducted to establish a new building baseline. Common area measures and non-low income in-unit measures are identified for installation.
4. Work scope generated.
5. Measures installed.
6. Post-installation assessment generates the modeled, whole-building energy savings.
7. Rebate paid to building owner, with the value based on modeled energy savings.

Appendix





2012-2014 ESA Program

ESA Program Application Highlights

- **2012-2014 Home Goal: 375,000**
 - PG&E proposes to treat more than 41% of our outstanding low income customers, representing a 10% increase over the 2009-2011 goal of 340,884 homes
- **2012-2014 Budget: \$487,992,000***
 - Continues the accelerated installation pace established in the 2009-2011 program cycle, and represents a 6.3% increase over 2009-2011 authorized budget of \$416,912,752.

* *Updated in PG&E Reply Testimony on December 9, 2011: PG&E levelized the number of homes to be treated per year and increased the estimated number of refrigerators to be installed.*



Past ESA Program Participation

2004-2011 ESA Program MF Participation

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CA Housing Statistics from the 2007 Low Income Needs Assessment

Distribution of California Households by Dwelling Type (NA Source: RASS 2003, HENS 2004)

Dwelling Type	Percent of All California Households	Percent of Low Income Households	PG&E	SCE	SCE/SCG	SCG	SDG&E
Single family	64%	43%	55%	21%	52%	28%	38%
Multi-family (2-4 Units)	8%	7%	10%	6%	6%	4%	6%
Multi-family (5+ Units)	23%	43%	28%	54%	41%	66%	50%
Mobile home	6%	6%	6%	18%	1%	0%	6%

	Owner	Renter
SDGE Elec	38%	62%
SDGE Gas	42%	58%
SCE	45%	55%
SoCalGas	37%	63%

Distribution of Owners and Renters Among Low Income Households by Utility and Commodity *

*NA Estimates based on 2003 RASS, adjusted for 200% Federal Poverty Guidelines.



EUC Regulatory Timeline

Energy Upgrade California (EUC)

- Status: Seeking CPUC approval to launch a multifamily pilot program in 2012

Regulatory Milestones to Date

- Program Implementation Plan for Statewide Prescriptive Program filed (March 8, 2010)
- Multifamily Energy Upgrade California Pilot Program Advice Letter filed (December 22, 2011)
- Reply to Local Government Sustainable Energy Commission and Heschong Mahone Group comments filed (January 19, 2012)
- CPUC suspends Advice Letter for further review (January 20, 2012)



2012-2014 ESA Program Filing

Timeline

2012-2014 ESA Program Application	May 15, 2011
App Comments and Reply Comments	May-June 2011
Discovery	May–December 2011
Workshops	October 2011
D.11-11-010 adopted Bridge Funding	November 10, 2011
Intervenor Testimony filed	November 19, 2011
Reply Testimony filed	December 9, 2011
ALJ Data Request Responses due	January 23, 2012
Proposed Decision projected	March 2012
Final Decision projected	April 2012
New programs projected start	July 2012



Multifamily Energy Efficiency Rebate Program (MFEER)

- Offers property owners and managers incentives for installing energy efficient measures
- Available for retrofits of existing MF properties of 2 or more units
 - Measures Include: Lighting, Boilers, Appliances, HVAC, Pool Pumps and General Improvements
- ESA Program outreach is integrated into outreach for MFEER

Multifamily Energy Efficiency Rebate Program 2002-2011

	2002-2011 Paid
APPLICATIONS	9,719
REBATES	\$53,437,003
# TENANT UNITS	524,817
# BUILDINGS/SITES	8,623
ENERGY SAVINGS	
kW	28,709
kWh	141,558,347
Therms	4,214,323