

# Energy Upgrade California™

## *San Diego Multi-Family Program*

For properties located in the County and City  
of San Diego and the City of Chula Vista



# Program Description

## Program Offerings:

- Cash Incentives - **\$350-\$3,000/unit**
- Free Technical Assistance
- Tenant Training
- Energy Management Guidelines
- Program Coordination

[www.h-m-g.com/multifamily/sandiego](http://www.h-m-g.com/multifamily/sandiego)

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Funded by:



Implemented by:



**HESCHONG  
MAHONE  
GROUP**

In partnership with:



Part of a statewide effort:



# Introductions

## The Heschong Mahone Group, Inc (HMG)

- Consulting on energy efficiency for buildings
- Based in California
  - Headquarters in Sacramento region
  - Offices in Bay Area and San Diego region
- Expertise in multi-family energy efficiency program implementation throughout California

[www.h-m-g.com/multifamily](http://www.h-m-g.com/multifamily)

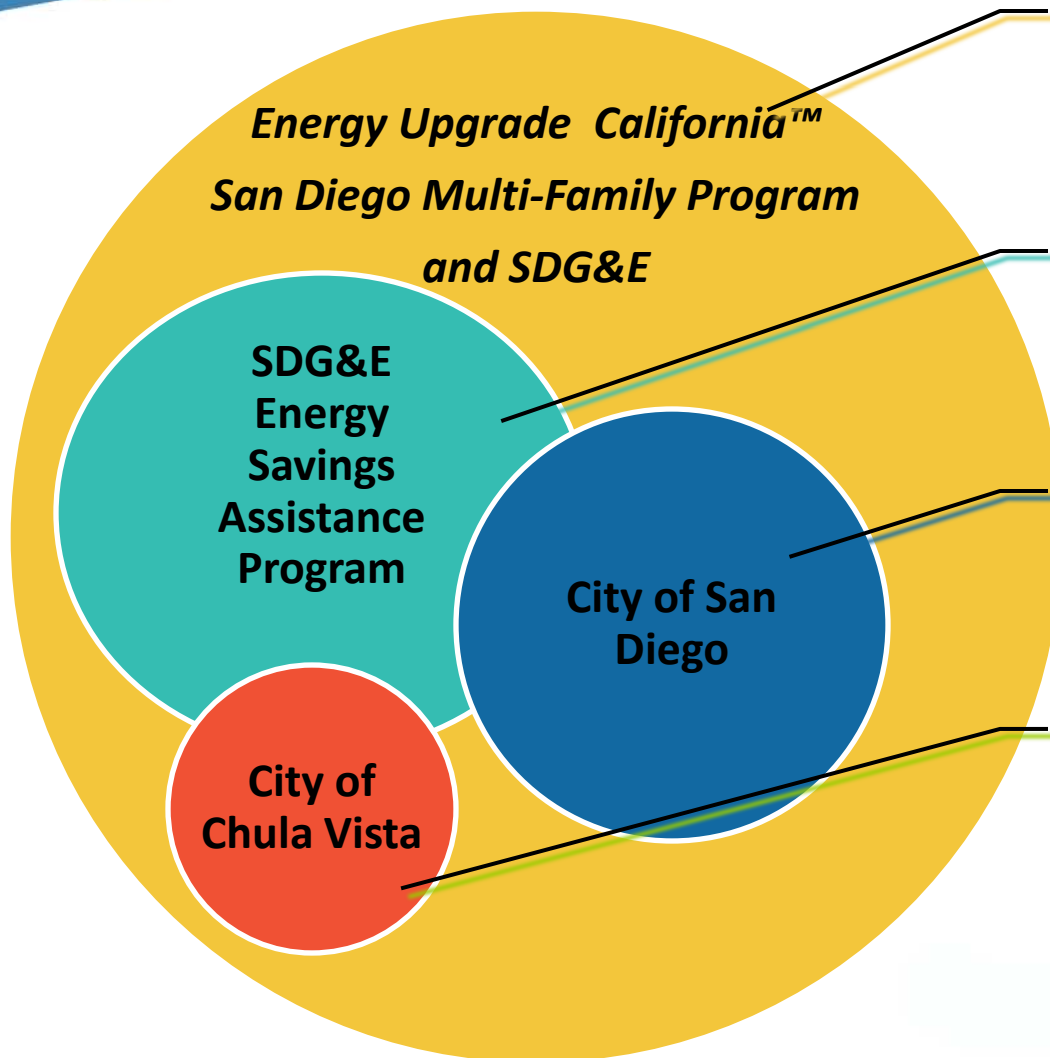
*The County and City of San Diego has contracted HMG to implement this program. HMG is supporting the City of Chula Vista in marketing this program.*



# Goals and Layered Incentives

- Program aims to retrofit at least 1,000 multi-family units
- Incentives available on a first come, first served basis and layered as such
  - Diego Gas & Electric® (for qualifying properties served by SDG&E)
- **AND**
  - PLUS: City of San Diego ( for qualifying low/moderate-income properties located with in the City of San Diego)
- **OR**
  - PLUS City of Chula Vista (for qualifying properties located within the City of Chula Vista)

# Layered Incentives and Leveraged Programs



- \$550-\$1,500/unit (performance-based)
- No income qualification

- Direct install measures (no cost)
- Low-income only

- \$350-\$1,400/unit (performance-based)
- Low/moderate-income

- \$550-\$1,500/unit (performance-based)
- No income qualification

# Incentives

- *San Diego Gas & Electric*® (**\$550 to \$1,500/unit** for properties served by SDG&E).
- **PLUS:** *City of San Diego* (**\$350 to \$1,400/unit (owner), \$50 to \$200/unit (rater)** for low and moderate-income properties in the City of San Diego).
- **PLUS:** *City of Chula Vista* (**\$550 to \$1,500/unit** for properties in the City of Chula Vista).

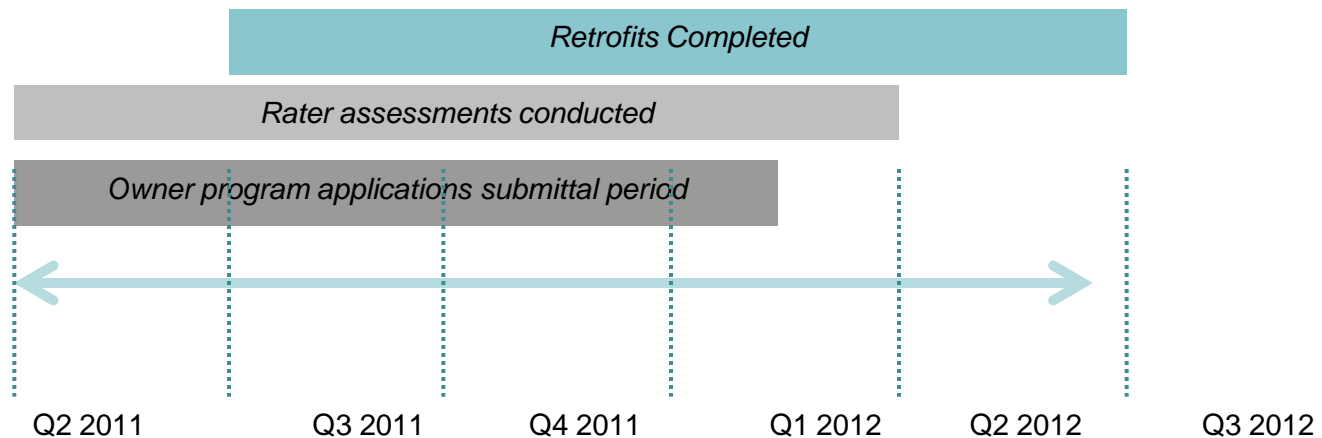
Percent (%) Improvement	SDG&E (\$/unit)	City of San Diego (\$/unit)	City of Chula Vista (\$/unit)
10%	\$550	\$350	\$550
15%	\$625	\$525	\$625
20%	\$800	\$700	\$800
25%	\$1,000	\$875	\$1,000
30%	\$1,200	\$1,050	\$1,200
35%	\$1,350	\$1,225	\$1,350
40%	\$1,500	\$1,400	\$1,500

- Incentives are:
  - Designed to help offset the retrofit costs: energy measures, labor, and rater (cannot exceed total cost)
  - Subject to change
  - Limited and available on a first-come-first-served basis

*The Program may be modified or terminated without notice*

# Program and Retrofit Timeline

- Program ends June 14, 2012.
  - All HERS II (test-out) construction verification must be completed by **May 30, 2012**



# Eligibility

## Multi-family buildings in San Diego County:

- Five or more attached units
- Existing construction
- Improve building energy consumption by at least 10% (using energy modeling)
- Example building types: apartments, senior housing\*
- Both low-rise (three or less stories) and high-rise (four or more stories)

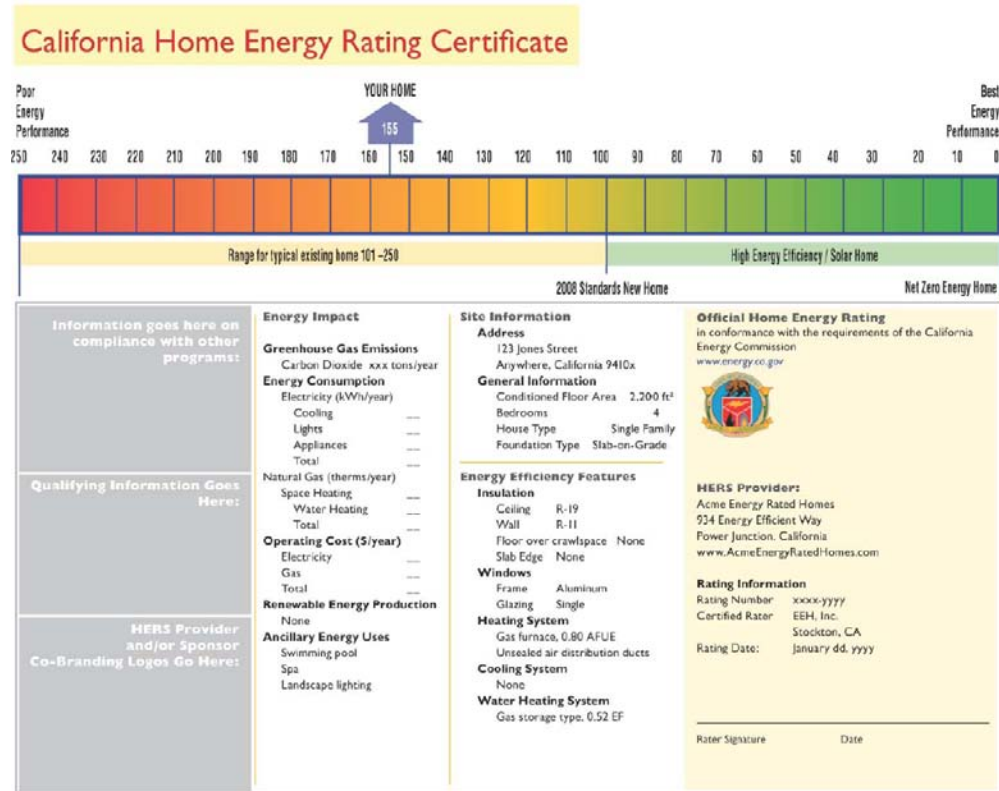


San Diego County Cities, Neighborhoods & Communities

\* Single-room occupancy (SRO) buildings are only accepted in the City of San Diego. Please contact HMG if you are unsure of the eligibility of your project.

# Benefits

- Enhance energy savings through free assistance
- Leverage multiple sources of funding
- Select your own contractor
- Obtain free tenant energy efficiency training
- Improve quality and comfort of your property



Example Whole House Building Energy Rating (HERS II)

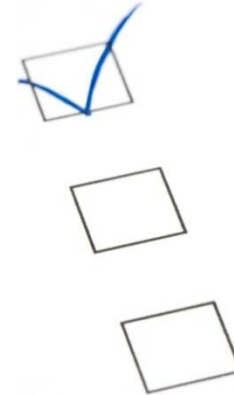
# Types of Upgrades\*

- Envelope
  - Windows
  - Roof/attic insulation
  - Wall insulation
  - Floor insulation
  - Cool roof/radiant barrier
- Heating and Cooling
  - Heating and Cooling equipment replacement
  - Duct sealing and insulation
- Water Heating
  - Water heating equipment replacement
  - Solar hot water
  - Recirculation controls
- Appliances
  - Indoor and outdoor lighting (hardwired)
  - Refrigerators and dishwashers

*\*Measures based on what can be modeled in HERS II software.*

# Program Process

1. Pre-qualification Form (Owner)
2. Application (Owner)
3. Energy Assessment (Owner/Rater)
4. Assessment Review (HMG)
5. Retrofit (Owner/Contractor)
6. On-Site Verification & Rating (Rater)
7. Completion Documentation (Owner/Contractor/Rater)
8. Payment (SDG&E and/or City of San Diego and City of Chula Vista )



# Project Team

- *Rater* is the foundation of the program, as the:
  - Auditor or ‘assessor’
  - Energy modeler
  - Third-party verification agent
  - Provider of building energy score
- *Contractor* installs the measures, is hired by the owner
  - Owner chooses contractor and is not trained by program
- Rater independent from the contractor
  - At minimum to perform the post-retrofit verification
  - Contractor may perform assessment if they have met program training requirements

# To Get Started, Contact



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