

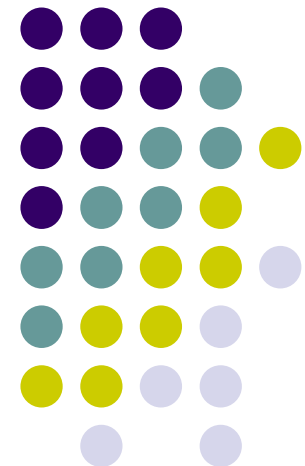


CA IOU Programs for Low Income Energy Efficiency

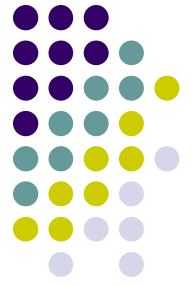
Energy Efficiency and Weatherization Programs
Forum on Affordable Multifamily Housing

February 10, 2011
San Francisco, CA

Energy Savings
●●●●●●●●●●
Assistance Program

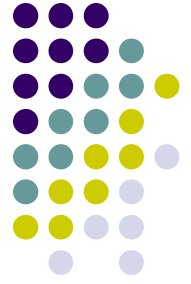


CA IOU Low Income Energy Efficiency Programs: Overview



- The *Energy Savings Assistance Program* (formerly *Low Income Energy Efficiency* or “LIEE”) provides income-qualified IOU customers free energy education, weatherization measures and energy-efficient appliances to reduce gas and electric usage
 - Statewide low income energy efficiency programs offered by IOUs since 1980s
 - Ratepayer funded through a public purpose charge on customer bills
 - Serves single-family, multi-family, and mobile homes, and is available to both owners and renters
 - Energy Savings Assistance Program participants receive all feasible measures for which they qualify at no charge
 - Serves customers at or below 200% of Federal Poverty Level

2009-2011 ESA Program Measures

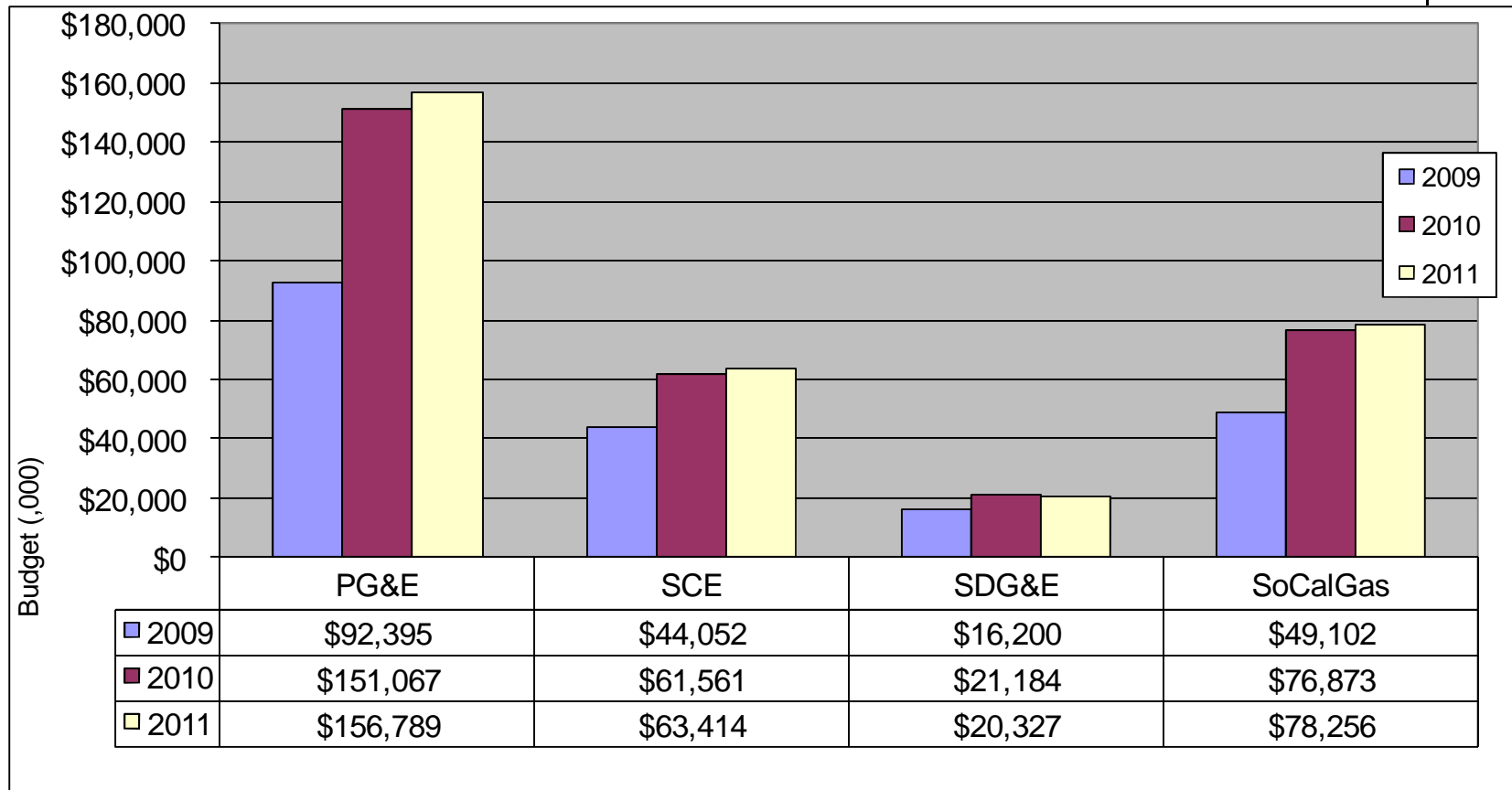


- Hard-Wired Compact Fluorescent Porch lights
- Interior Hardwire Compact Fluorescent lamps
- Screw-in Compact Fluorescent lamps
- Occupancy Sensors
- Torchieres
- Refrigerator Replacement
- Evaporative Coolers
- Central Air Conditioners
- Window/Wall Air Conditioners
- Central AC Tune Up
- Furnace repair/replacement (home-owners only)
- Water Heater repair/replacement (home-owners only)
- Energy Education
- Hot Water Conservation Measures
 - Faucet Aerators
 - Pipe Wrap
 - Low Flow Showerheads
 - Water Heater Blankets
- Air Infiltration Measures
 - Door Weather-stripping
 - Caulking
 - Outlet Gaskets
 - Evaporative Cooler Covers
 - Minor Home Repairs
- Duct Testing and Sealing
- Attic Insulation
- Clothes Washers*
- Microwaves *

* HE Washers and Microwaves are Pilot Measures for PG&E



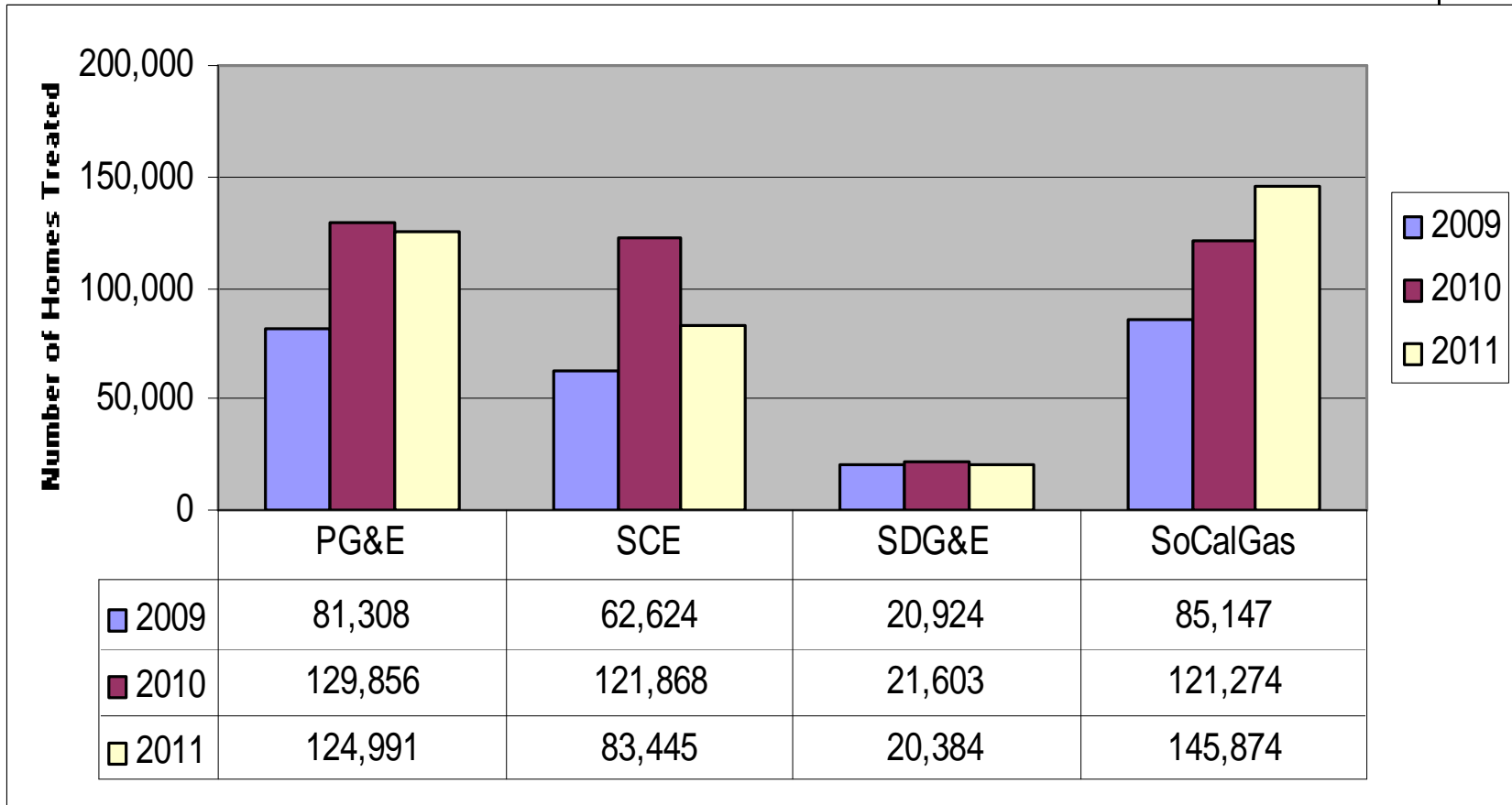
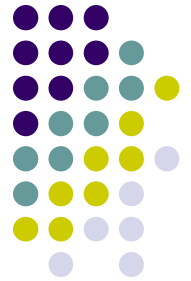
LIEE Program- Budget 2009-2011



2009 Budget: This item shows the 2009 LIEE budget expended, as reported in the IOUs' 2009 LIEE Program Annual Reports.

2010 and 2011 Authorized Budgets: These budgets are authorized in D. 08-11-031. The 2010 authorized budget does not include carry-over funds.

LIEE Program- Units 2009-2011

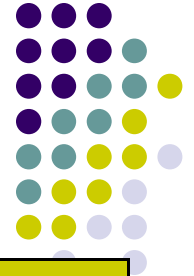


2009 Units: This item shows 2009 LIEE units as reported in the IOUs' 2009 LIEE Program Annual Reports.

2010 Units: This item shows preliminary 2010 LIEE units as reported in the IOUs' Monthly Report for December 2010 (filed 1/21/11). Final Results will be published in 2010 Annual Report (May 2011).

2011 Targets: Reflects the projected units to be treated as shown in D.08-11-031.

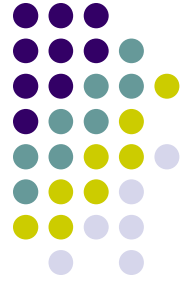
ESA Program 2010



	PG&E	SCE	SDG&E	SoCalGas
Budgets				
Expenditure	\$144,754,628	\$64,983,946	\$18,724,577	\$74,153,540
Budget	\$151,067,347	\$61,561,081	\$21,184,008	\$76,872,816
Percent Expenditure	86%	106%	88%	96%
Activity				
Homes Treated	129,856	121,868	21,603	110,296*
Goal	124,991	104,500	20,384	143,540
Percent Treated	104%	117%	106%	77%
Energy Savings				
kWh	48,981,281	34,916,396	6,130,037	N/A
kW	12,224	9,821	588	N/A
Therms	2,700,009	N/A	311,056	2,088,423

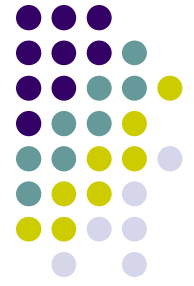
* SoCalGas Dec 2010 results with an estimated 121,274 to be filed in 2010 Annual Report (May 2011)

ESA Program Multi-family Components



- ESA Program serves SF, MH, and MF homes
- MF is any complex having 5 or more units
 - 2-4-plexes are counted as SF dwellings
 - Affordable Housing complexes are not counted separately from other MF complexes
 - ESA Program qualifies each residential low income customer unit and does not cover building common areas
 - All customers must be income-qualified

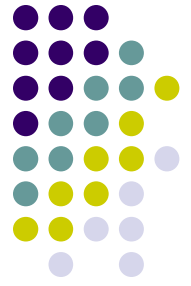
Distribution of CA Low Income Households by Dwelling Type



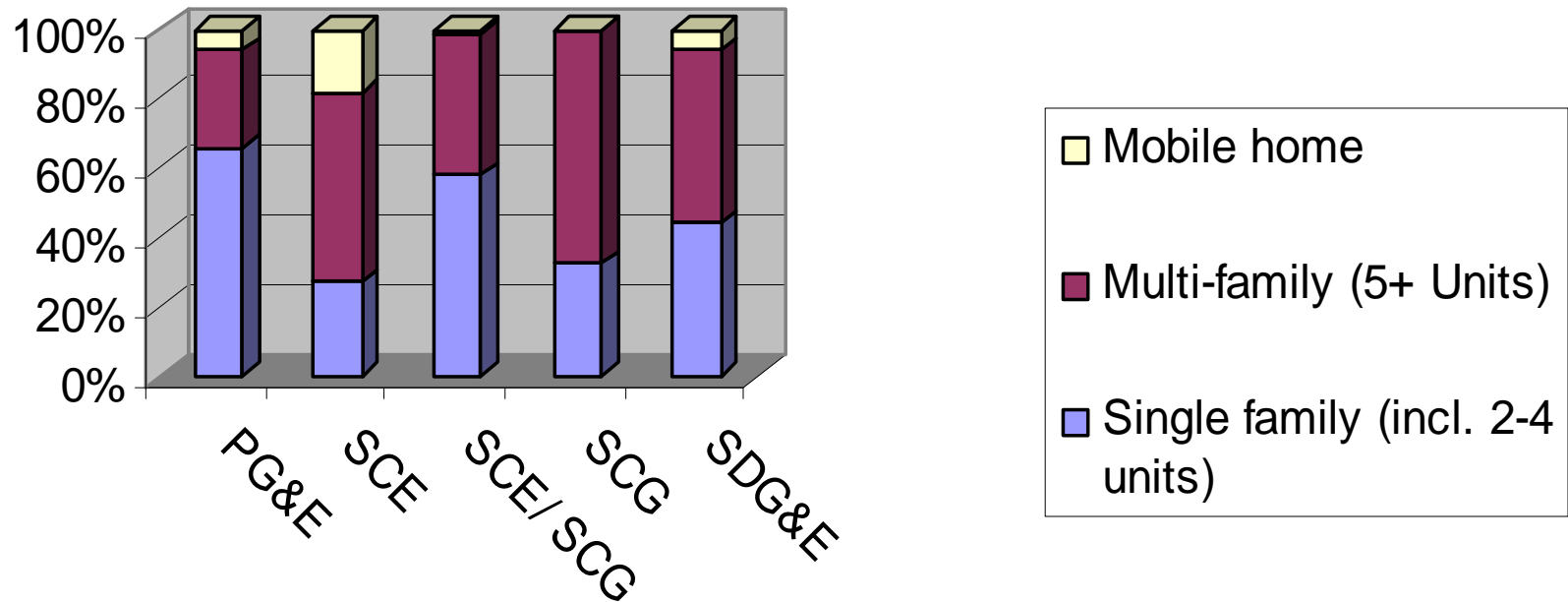
Dwelling Type	Percent of All California Households	Percent of Low Income Households	Percent of Low Income Households by Utility				
			PG&E	SCE	SCE/ SCG	SCG	SDG&E
Single family	64%	43%	55%	21%	52%	28%	38%
Multi-family (2-4 Units)	8%	7%	10%	6%	6%	4%	6%
Multi-family (5+ Units)	23%	43%	28%	54%	41%	66%	50%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

- Source: KEMA Needs Assessment, September 7, 2007

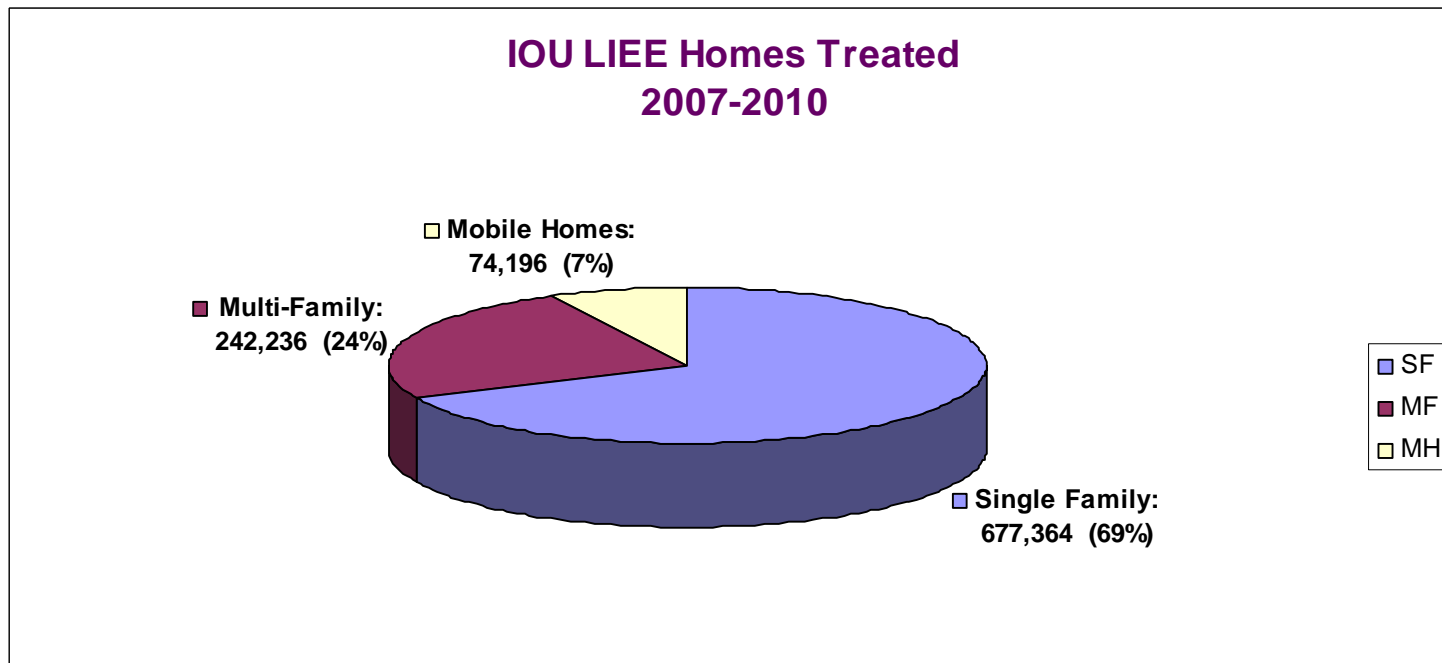
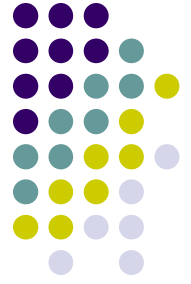
Low Income Housing Types by Utility



**Percent of Low Income Households by Utility
(KEMA 2007)**

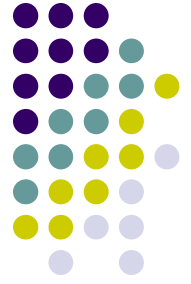


MF Dwellings Served by IOU ESA Program



- Almost 1 million homes were treated by the IOUs between 2007-2010

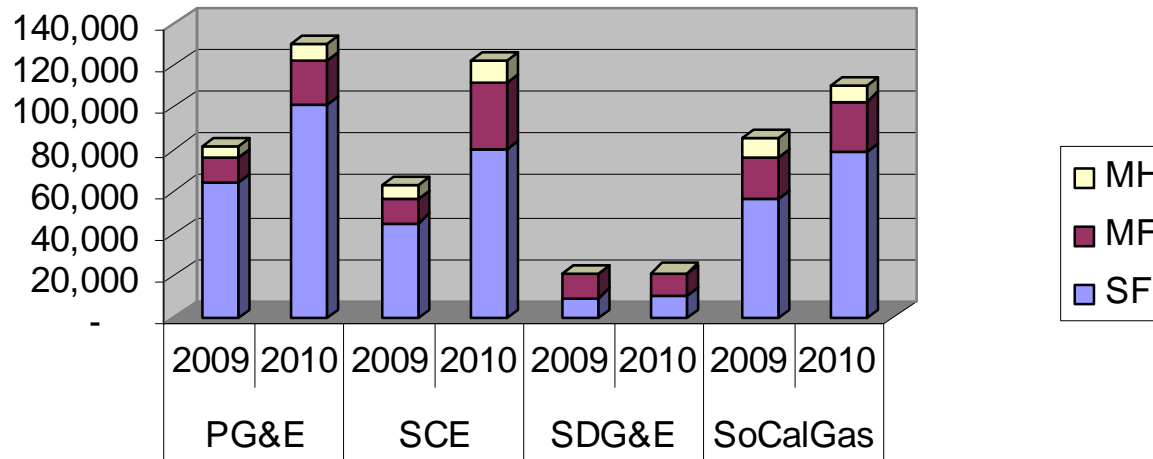
MF Dwellings Served by IOU ESA Program



- Multi-family units treated in 2010

PG&E	SCE	SDG&E	SoCalGas
21,470	30,822	10,383	24,474
17%	25%	48%	22%

2009-2010 LIEE Program: Homes Treated by Housing Type





ESA Program MF Approaches

- ESA Program Contractors create Memoranda Of Understanding (MOUs) with various Housing Authorities facilitating access and/or verification.
- ESA Program Community-Based Organization partners provide additional low income services which facilitate access to public housing and potential customers.
- ESA Program Contractors target multi-family units in neighborhood and community-centered efforts.
- ESA Program Contractors establish agreements with Property Management companies to provide ESA Program services.