



# Fact Sheet

## Energy Efficiency Statewide Residential New Construction Program (2010-2012) July 2010

On Sept. 18, 2008, the California Public Utilities Commission (CPUC) adopted the state's first Long Term Energy Efficiency Strategic Plan, presenting a single roadmap to achieve maximum energy savings across all major groups and sectors in California. This comprehensive Plan for 2009 to 2020 is the state's first integrated framework of goals and strategies for saving energy, covering government, utility, and private sector actions, and holds energy efficiency to its role as the highest priority resource in meeting California's energy needs.

The Residential New Construction (RNC) Statewide Program supports transformation of California's residential new construction market consistent with the California Energy Efficiency Strategic Plan. Market transformation occurs via incentive, education, outreach, marketing and training strategies aimed at the California building industry. The program consists of the California Advanced Home Partnership program and an ENERGY STAR® Manufactured Homes program.

Program by Utility	PG&E	Edison	SDG&E	SoCalGas	Total
California Advanced Homes Program	\$13,521,688	\$24,894,000	\$4,398,013	\$8,570,086	<b>\$51,383,787</b>
Energy Star Manufactured Homes Program	7,244,690	3,516,000	410,000	0	<b>11,170,689</b>
<b>Total Statewide Programs by Utility</b>	<b>20,766,378</b>	<b>28,410,000</b>	<b>4,808,013</b>	<b>8,570,086</b>	<b>62,554,476</b>

### Total Energy Savings

Electric (GWh)	<b>27,970,631</b>
Electric (kW)	<b>30,932</b>
Natural Gas (Therms)	<b>1,595,996</b>





## Program Descriptions

**California Advanced Home Program (CAHP):** Through a pay-for-performance incentive structure and a whole building approach, CAHP is designed to increase market demand for energy efficient multifamily and single family homes by encouraging builders to exceed Title 24 building efficiency standards by 15 to 45 percent. Performance Bonus adders, Design Team Incentives, and prescriptive measure incentives are included to encourage green building initiatives, ENERGY STAR® appliances, “compact” homes, and solar thermal installations. Non-incentive customer services will be offered such as technical support to energy analysts and design teams, Design Team Assistance, economic modeling/measure selection support to builders, marketing support, and demand-side management coordination support for builders. The CAHP will also work with Advanced Metering Infrastructure teams to test and develop in-home displays of energy use patterns.

- **CAHP Zero Net Energy Program:** The zero net energy (ZNE) component of the CAHP promotes zero peak energy pilot custom homes via a peak kW incentive and a zero peak solar photovoltaic panel incentive. The minimum threshold for builder use of these incentives is a whole building performance level that is at least 45 percent higher than Title 24 standards (2008). Projects must also meet Leadership in Energy & Environmental Design (LEED) for Homes (silver) equivalent or qualify for a minimum of 100 points from Build It Green’s Green Point Rated system. This incentive is linked to the Sustainable Communities pilot projects of Southern California Edison, San Diego Gas and Electric Company, and Southern California Gas Company.. Pacific Gas and Electric Company has a related ZNE building pilot program (also see Fact Sheet on Utility Zero Net Energy Home and Commercial Building Pilot Projects).

**ENERGY STAR® Manufactured Homes Program:** This program promotes the construction of new manufactured homes that comply with ENERGY STAR® standards by encouraging manufacturers to go beyond federal Department of Housing and Urban Development specifications. Targeted measures include high efficiency and right size HVAC systems. The goal is to increase the efficiency of the whole home while moving the industry towards zero net energy.

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