



# 2018 CALIFORNIA ADVANCED HOMES PROGRAM (CAHP) – MULTI-FAMILY

## WE'RE HERE TO HELP BUILDERS TODAY FOR TOMORROW'S ENVIRONMENT

The California Advanced Homes Program (CAHP) is a comprehensive residential new construction program with a cross-cutting focus on energy efficiency, sustainable design and construction, and emerging technologies.

California's investor-owned utilities – Pacific Gas and Electric Company (PG&E), Southern California Edison, SoCalGas® and San Diego Gas & Electric Company (SDG&E®) – are working together to help the building industry smooth the transition to the next state building code, develop more environmentally-friendly communities, and support state efforts for new homes to reach Zero Net Energy (ZNE).

### Services

- Financial incentives to help offset costs of creating environmentally-friendly energy-efficient homes and communities
- Design assistance to support development of sustainable and livable communities by incorporating energy efficiency, green building practices and demand response initiatives
- Dedicated account representatives provide builders with recommendations necessary to improve the energy performance of the homes they are building and communicate the associated benefits of building a CAHP-qualified home
- Technical support that performs a comprehensive review and verification process to assure projects meet program entry requirements



### Multi-family Low-rise

For multi-family low-rise (less than four stories), the minimum performance requirement is a CAHP Delta Energy Design Rating (EDR) (the difference between the "Standard Design EDR" and the "Proposed Design EDR" plus "Kickers") of 3. The estimated incentives rise incrementally as the performance of the building increases.

### Multi-family High-rise

For multi-family high-rise (four stories or more), the minimum baseline qualification is 10 percent above 2016 Title 24 building code, with increasing incentives for 15 percent, 20 percent, and 30 percent above 2016 Title 24 building code. (See chart on next page for exact breakdown of baseline incentive structure.) For multi-family high-rise projects the maximum incentive per project is \$250,000 (includes incentives and bonus kickers). The custom incentive for each building is calculated by the Title 24 energy modeling software and displayed in the CAHP Incentive Report (CIR). Incentives are specific to the orientation of each building and number of units for each multi-family building.

**Multi-family projects built in PG&E's service area are administered by a third-party program and are eligible for separate incentives.**

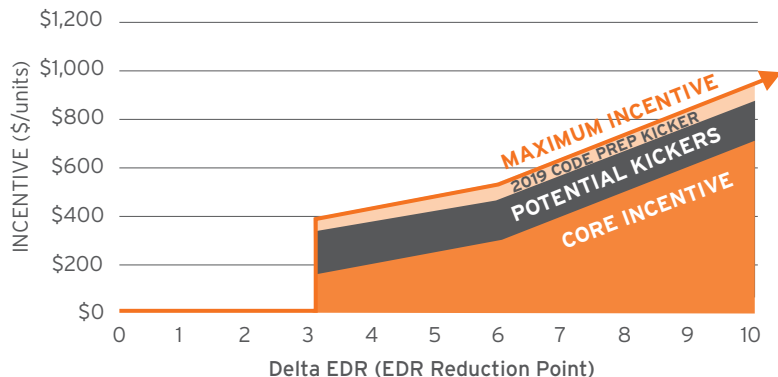


# Baseline Financial Incentive

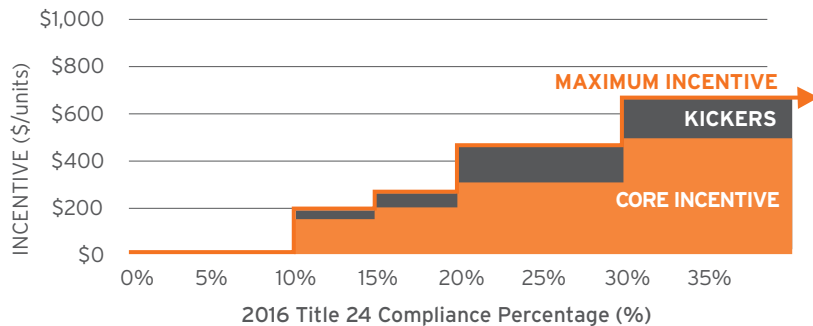
The structure of the baseline financial incentives is as follows:

Multi-family Low-rise	Multi-family High-rise
\$150/lot for entry Delta EDR of 3*	\$150/unit for 10% to <15%
*SDG&E entry Delta EDR is 4	\$200/unit for 15% to <20%
\$50/lot for each Delta EDR point to 6*	\$300/unit for 20% to <30%
* SDG&E Delta EDR is 7	\$300/unit for 20% to <30%
\$100/lot for each EDR point thereafter	\$500/unit for 30% or greater

## CAHP-MF INCENTIVES Multi-family Low-rise



## CAHP-MF INCENTIVES Multi-family High-rise



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\* TRC Solutions is the contractor providing CAHP services on behalf of PG&E

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# Additional Financial Incentives

CAHP offers additional financial incentives (kickers) to projects that include one or more of the following project elements. NOTE: Multiple kickers can be claimed on a project. Kicker EDR points are added to the delta EDR to attain the project's CAHP EDR score and can further increase a project's incentive. EDR points are included in the Title 24 compliance software and are shown on the CIR. Some kickers have different point values by climate zone as defined in the chart below.

CLIMATE ZONE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
COASTAL (C) OR INLAND (I)	I	I	C	C	C	C	C	C	I	I	I	I	I	I	I	C

## Program Kickers

	Kicker	MF Value per unit
Point Kickers	100% LED Lighting	0.5 Inland 1.0 Coastal
	Home Energy Management System (HEMS)	Not available
	All ENERGY STAR® Tier II Appliances	0.5 Inland 1.0 Coastal
Cash Bonus Kickers	High-performance Fenestration	\$75
	High-performance Attics	Not available
	High-performance Walls	\$25
	Whole-house Fans	Not available
	Balanced IAQ	\$25
	2019 Code Ready	\$25 (MFLR only)
	DOE Zero Energy Ready Home	\$25 (MFLR only)
	2019 Code Home	\$50 (MFLR only)
	ENERGY STAR® Laundry Facility	\$5 per machine
Drain Water Heat Recovery	\$200 per device	

## For SoCalGas Customers Only

**Thermostatic Shower Restriction Valve – \$7/unit or \$15/set When Combined with Low-flow Showerhead (SoCalGas territory only)** Projects that install thermostatic shower restriction valves are eligible for this incentive. This is a natural gas-only incentive and not applicable with electric water heating or when combined with recirculation pumps or tankless water heaters (natural gas or electric). Please contact your SoCalGas representative for details.

**California ENERGY STAR® Marketing Support Bonus (SoCalGas territory only)** Projects that comply with ENERGY STAR standards will be offered free ENERGY STAR marketing materials. Each project will be given a budget of \$10 per multifamily unit and \$40 per single-family unit. Contact your SoCalGas representative for details.