



# California Residential New Construction Incentive Programs

CBIA Building Decarbonization Incentives Webinar

August 24, 2023

**SUPPORTING**

**[DOING]**

**LEADING**



# CALIFORNIA ELECTRIC HOMES



California  
**ELECTRIC  
HOMES**



**Eligibility:** All-electric residential new construction

- **Territory:** All of California
- **Building Type:** Single family, duplexes, triplexes, condominiums, low-rise and high-rise multifamily, ADUs, modular and manufactured homes
- **Income Restrictions:** Market-rate (projects that do not qualify for BUILD)



**Incentives:** Capped at \$1.5M per builder/developer (\$2M for first time all-electric builder/developer)

- **All-Electric New Construction**
- **Energy Storage**
- **Bonus Incentives:** Envelope and mechanical packages, DAC/HTR, load management
- **Technical Assistance**

**Website:** [www.caelectrichomes.com](http://www.caelectrichomes.com)

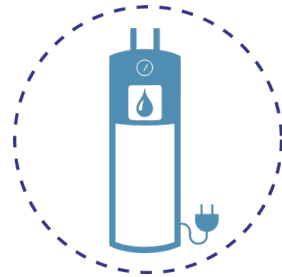


# INCENTIVE ELIGIBILITY

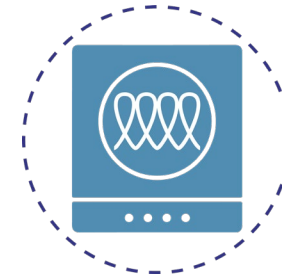
100% all-electric residential buildings with the following:



Heat Pump Space Heating



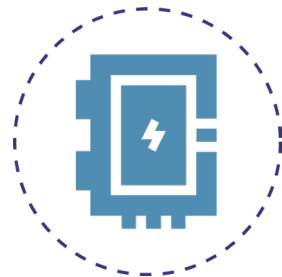
Heat Pump Water Heating



Induction Cooking



Thermostatic Mixing Valves



Segregated Circuits



Communicating Thermostats

These requirements must be met to qualify for any incentives in CalEHP, including both the base and bonus incentives.



California  
**ELECTRIC  
HOMES**

# TECHNICAL ASSISTANCE

TA can help you with the following and more:

## Design/Equipment

- Project-related local government all-electric building code and permit requirements
- Title 24 compliance
- Project fuel switch from mixed fuel to all-electric
- Low-emissions building design and technologies
- Energy storage technology
- Electric vehicle service equipment
- Virtual or in-person site visits as necessary

## Program Processes

- Required program documentation
- Incentive sharing and/or layering



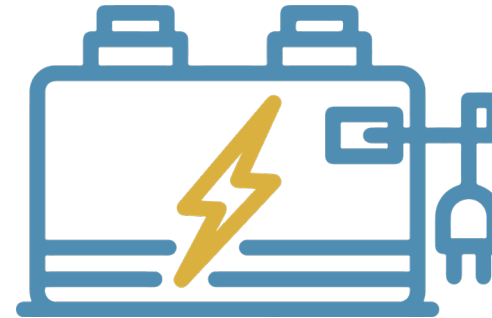
California  
**ELECTRIC  
HOMES**

# BASE ENERGY STORAGE INCENTIVES

CalEHP has \$10M dedicated to incentivize energy storage

## Incentives:

- \$250/kWh for battery storage
- \$300/kWh for battery storage in all-electric reach code jurisdictions
- Thermal energy storage incentives coming soon



California  
**ELECTRIC  
HOMES**

# BASE ELECTRIFICATION INCENTIVES



California  
**ELECTRIC  
HOMES**

Incentive Levels per Participating Dwelling Unit <sup>1</sup>	2023	2024	2025	2026	2027
<b>Market Rate</b>					
SF/duplex/triplex/townhome	\$3,500	\$3,000	\$3,000	\$2,500	\$2,500
MF/condo/ADU	\$1,750	\$1,600	\$1,600	\$1,400	\$1,400
Manufactured Housing	\$6,000	\$5,500	\$5,500	\$5,000	\$5,000
<b>DAC/HTR</b>					
SF/duplex/triplex/townhome	\$4,000	\$3,500	\$3,500	\$3,000	\$3,000
MF/condo/ADU	\$2,100	\$1,950	\$1,950	\$1,750	\$1,750
Manufactured Housing	\$6,500	\$6,000	\$6,000	\$5,500	\$5,500

<sup>1</sup> Incentive level set by year the dwelling unit is completed

# BONUS MEASURE INCENTIVES



California  
**ELECTRIC  
HOMES**

Bonus Measure Incentives per Dwelling Unit	SF/Duplex/ Triplex/Townhome	Multifamily/ Condo/ADU	Manufactured Housing
Envelope Package	\$1,000	\$600	\$ -
Mechanical Package	\$300	\$300	\$2,000
Envelope + Mechanical Adder	\$400	\$250	\$ -
Smart Panel or HEMS	\$1,500	\$1,500	\$1,500
HPWH Controller	\$600	\$600	\$600
Resiliency/DR Ready Adder	\$1,000	\$750	\$1,000
ENERGY STAR	\$ -	\$ -	\$1,000

# California Electric Homes Resources



California  
**ELECTRIC  
HOMES**



## Contact us:

- (833) 987-3935
- [caelectrichomes@trccompanies.com](mailto:caelectrichomes@trccompanies.com)
- [caelectrichomes.com](http://caelectrichomes.com)



# California Energy-Smart Homes



**Summary:** Market support, inducements for all-electric residential new construction and existing building alterations

## Eligibility:



**Territory:** California electric IOUs (PG&E, SCE, SDG&E)

**Building Type:** Single Family, Multifamily Low-Rise (3 stories or fewer), and ADUs

**Income Restrictions:** None

## 2023 Incentives:



### New Construction

- Single Family
- Multifamily Low-Rise or ADU

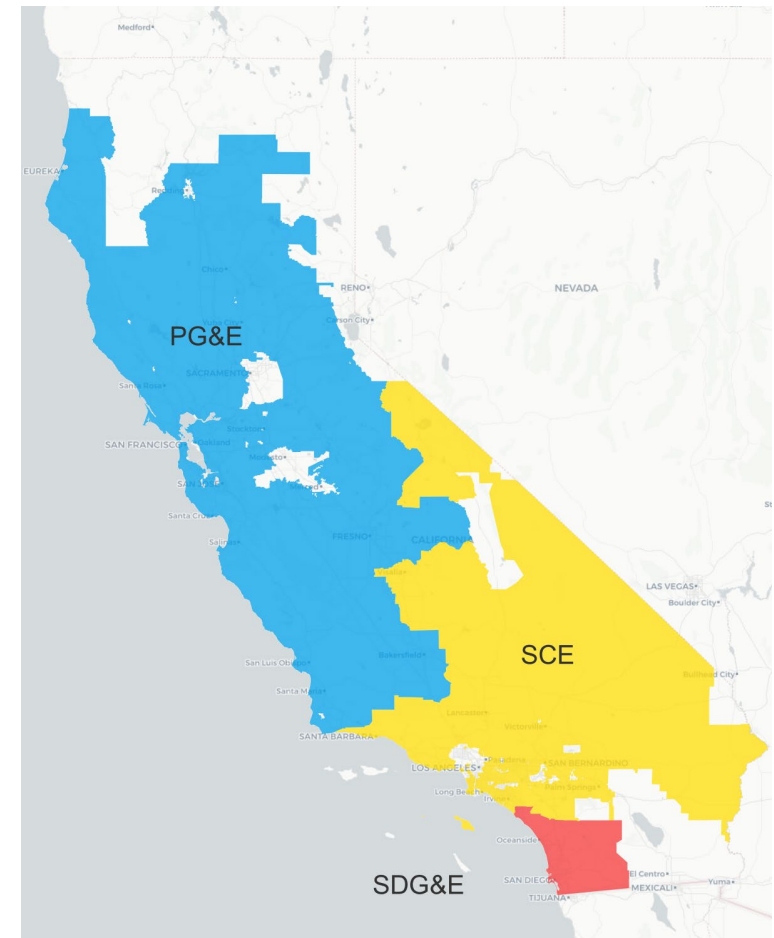


### Central Heat Pump Water Heater

- Design: \$5,000 per project
- Installation: \$500 per unit served

**Website:** [www.caenergysmarthomes.com](http://www.caenergysmarthomes.com)

**New Construction projects can enroll through December 31, 2026**



# Single Family All-Electric New Construction



Includes single family homes, duplexes, townhomes, and ADUs

## Prerequisites and Eligibility



Communicating thermostats



Induction cooking



Segregated circuits



Electric vehicle charging infrastructure pre-wiring  
(not required for ADUs)



Battery storage readiness (not required for ADUs)



Thermostatic mixing valves (not required for ADUs)

Submit Title 24 (T24) energy models authored by a professional that holds CABEC's 2019 residential certified energy analyst (CEA) designation

Space heating/cooling and water heating must utilize heat pump technology

Adhere to all applicable federal, state, and local laws and codes

# Multifamily Low-Rise All-Electric New Construction



Low-rise includes three or fewer stories

## Prerequisites and Eligibility



Communicating thermostats



Induction cooking



Segregated circuits



Electric vehicle charging infrastructure pre-wiring



Thermostatic mixing valves

Submit Title 24 (T24) energy models authored by a professional that holds CABEC's 2019 residential certified energy analyst (CEA) designation

Space heating/cooling and water heating must utilize heat pump technology

Adhere to all applicable federal, state, and local laws and codes

# All-Electric New Construction Incentives

New Construction Incentives <i>per unit</i>	2023	2024	2025	2026
 Single Family	\$3,500	\$3,000	\$3,000	\$2,500
 Multifamily Low-Rise	\$1,750	\$1,600	\$1,400	\$1,400
 Accessory Dwelling Unit	\$1,750	\$1,600	\$1,400	\$1,400



# Elevating Electrification

## A few quick questions ...

- Interested in learning more about the benefits of **all-electric residential new construction**?
- Is your design team determined to use mixed fuel because they think **it is cheaper**?
- Could your sales team benefit from a short “**all-electric is better**” training?

If you answered **YES** to one or more of the above questions, let's connect to schedule a short training on the benefits of electrification.

Trainings are virtual, available at no-cost, and include an interactive discussion about the financial benefits and health advantages that an all-electric home can provide.

# California Energy-Smart Homes Resources



## Contact us:

- (833) 987-3935
- [caenergysmarthomes@trccompanies.com](mailto:caenergysmarthomes@trccompanies.com)
- [caenergysmarthomes.com](http://caenergysmarthomes.com)