

Home Electrification Rebates



Citizens' Climate Lobby
Alameda County

Home Electrification Fair
April 19, 2025
Tom Graly

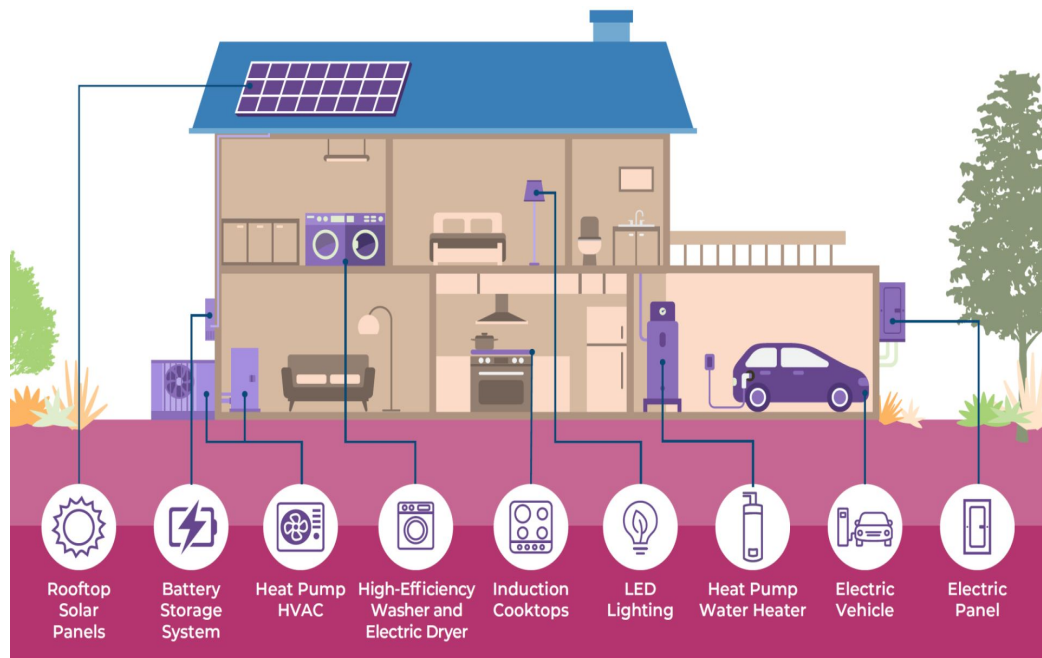


Photo Credit: City of Palo Alto Utilities

Agenda

- 1 Types of Rebates
- 2 Inflation Reduction Act
- 3 BayREN
- 4 State of California
- 5 Utility
- 6 Rebate Finders
- 7 Q & A

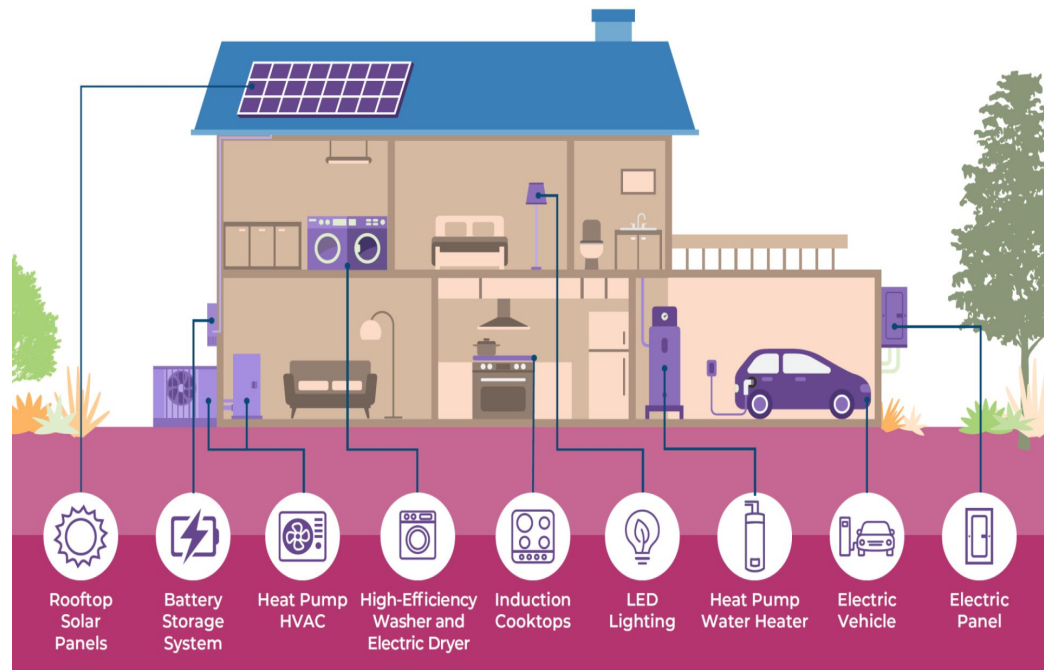


Photo Credit: City of Palo Alto Utilities

Types of Rebates

1

Tax Credit: usually received the following year

2

Upfront Rebates: Discounts at time of purchase

3

Post Installation Rebates: Application and Documentation

4

Contractor Rebates: usually passed on to purchaser

5

Stackable Rebates

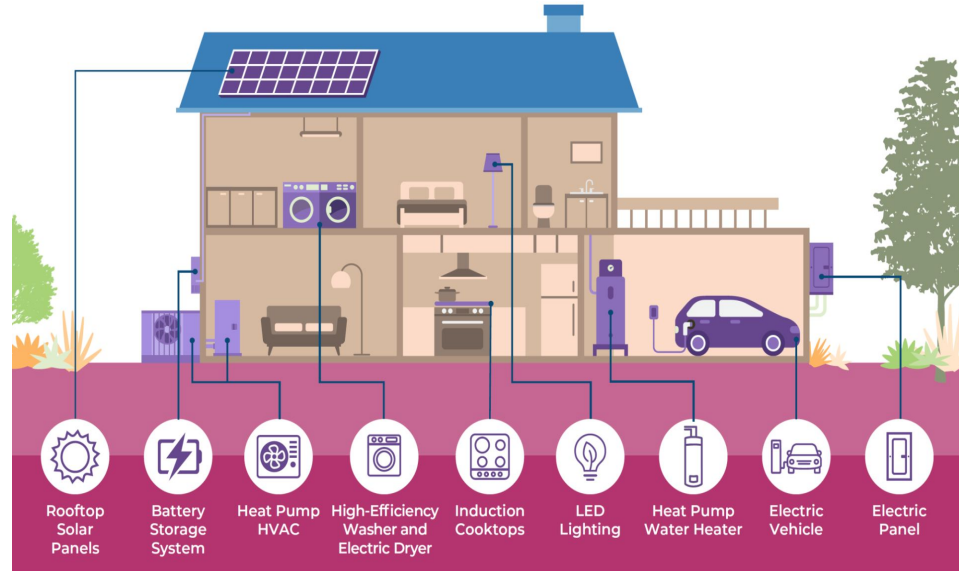


Photo Credit: City of Palo Alto Utilities

The Inflation Reduction Act

The Inflation Reduction Act was signed into law in August 2022.

Electrification and Efficiency Home Upgrades

- Tax Rebates
- Up Front Rebates
- Rebates vary based on income and other factors



The Inflation Reduction Act Rebate Calculator

Rewiring America Rebate Calculator

- Rent or Own
- Zip Code
- Electric Utility
- Income
- Tax Filing Status
- Household size
- 100% rebates < 80% of median income
- 50% rebates >80% but <150%

Your household info [Reset](#)

RENT OR OWN ?	ZIP ?
Homeowner	94705
ELECTRIC UTILITY ?	HOUSEHOLD INCOME ?
Pacific Gas & Electric	\$100,000
TAX FILING STATUS ?	HOUSEHOLD SIZE ?
Married filing jointly	2 people

[View results](#)

Powered by the [Rewiring America API](#) • [Methodology](#) • [FAQ](#)

<https://homes.rewiringamerica.org/calculator>

The Inflation Reduction Act Rebates

Electrification Rebates		
Item	Amount	Timeline
Heat Pump Air Conditioner/Heater	\$8000	Now*
Efficiency Rebates	\$8000	Unknown
Electric Panel	\$4000	Now**
Electric Wiring	\$2500	Now**
Heat Pump water Heater	\$1750	Unknown
Weatherization	\$1600	Unknown
Electric/Induction Stove	\$840	Unknown
Heat Pump Clothes Dryer	\$840	Unknown

*No new applications being accepted for single family residences.

** Only in conjunction with HP HVAC.



TECH Clean California is the administrator of the IRA rebates. They do income verification and funds distribution. Funds are distributed to qualified contractors.

<https://techcleanca.com/>

The Inflation Reduction Act Tax Credits

Tax Credits [?]		
ITEM	AMOUNT	TIMELINE
Battery Storage Installation	30%	Available Now!
Geothermal Heating Installation	30%	Available Now!
New Electric Vehicle	\$7,500	Available Now!
Rooftop Solar Installation	30%	Available Now!
Used Electric Vehicle	\$4,000	Available Now!
Heat Pump Air Conditioner/Heater	\$2,000	Available Now!
Heat Pump Water Heater	\$2,000	Available Now!
Weatherization	\$1,200	Available Now!
Electric Vehicle Charger	\$1,000	Available Now!
Electric Panel	\$600	Available Now!

The Inflation Reduction Act Tax Credits

Energy Efficient Home Improvement Credit

- Weatherization Yearly Tax Credit Limit: \$1,200
 - Exterior doors (30% of costs up to \$250 per door, up to a total of \$500)
 - Exterior windows and skylights (30% of costs up to \$600)
 - Insulation materials or systems and air sealing materials or systems (30% of costs)
 - Home energy audits (30% of costs up to \$150)
- Energy Upgrades Yearly Tax Credit Limit: \$2,000
 - Heat Pump Water Heaters
 - Heat Pump Air Conditioner/Heater
- Tax Carryover to Following Years

BayREN



The Bay Area Renewable Energy Network is a highly effective and trusted group of local governments that deliver targeted, integrated, and regional-scale climate solutions focused on energy, water, and resilience.



<https://www.bayren.org/>

BayREN: Homeowner Rebates

Home Energy Score:

- *It estimates home energy use, associated costs, and provides energy solutions to cost-effectively improve your home's efficiency.*
- *Independent & Professional Assessor*
- *Rebate \$200 (Combine with \$150 IRA Tax Credit)*



A score of 1 indicates the home needs **extensive** energy improvements.

A score of 10 indicates the home has **excellent energy** performance.

Coming this Year:

Efficiency And Sustainable Energy (EASE) Home Program

BayREN's new **Efficiency And Sustainable Energy (EASE) Home** program will provide accessible and affordable energy upgrades for moderate-income homeowners in the Bay Area, promoting energy efficiency, health, comfort, and safety.



<https://www.bayren.org/>

BayREN: Multi-Family Rebates

Protect your properties against utility volatility and save big on water and energy bills with technology designed for the 21st century.

Qualifying upgrades include:

- Heating & cooling systems
- Water heating systems
- Gas to electric conversions
- Lighting & appliances
- Weatherization and insulation
- Electrification measures
- Windows & more



<https://www.bayren.org/>



<https://aea.us.org/about/>

A BayREN energy consultant will work with you to choose upgrades that are best suited to your priorities and your building characteristics.

BayREN: Water Upgrades

Save Money and Water with Efficiency Upgrades!

BayREN's Water Upgrades Save program helps homeowners and single-family renters install water and energy efficient upgrades — like high-efficiency toilets, showerheads, and aerators. You'll see little-to-no upfront cost and a monthly utility-approved on-bill charge that is significantly lower than the estimated savings. So you start saving right away!



<https://www.bayren.org/>

California State Rebates: Contractor



California
Public Utilities Commission

Self-Generation Incentive Program (SGIP)

Battery Storage Rebates

Provides incentives to support existing, new, and emerging distributed energy resources. Qualifying technologies include wind turbines, waste heat to power technologies, pressure reduction turbines, internal combustion engines, microturbines, gas turbines, fuel cells, and advanced energy storage systems.



<https://www.cpuc.ca.gov/sgip>

SGIP Requirements

SGIP Residential may cover the full cost of the battery if you:

- Live in [Tier 2 or Tier 3 High Fire-Threat Districts \(HFTD\)](#) or
- Have experienced more than two [Public Safety Power Shutoffs \(PSPS\)](#) or
- Have experienced five or more [Enhanced Powerline Safety Setting \(EPPS\)](#) outages since 2023 and
- Meet one of the following:
 - Use life-support equipment
 - Meet income eligibility standards
 - Rely on an electric well pump for water
 - Must meet low-income eligibility
- Have incentives reserved in the income-qualified solar programs ([SASH](#) or [DAC-SASH](#))

SGIP: Upcoming New Budget

SGIP Residential Solar and Storage Equity (RSSE)

- This budget category may cover the full cost of your solar and battery storage installation if you:
 - Meet 80% of Area Median Income or by participating in one of the following pathways:
 - [California Alternate Rates for Energy \(CARE\)](#)
 - [Family Electric Rate Assistance \(FERA\)](#)
 - [Energy Saving Assistance \(ESA\)](#) and
 - Are enrolled in a demand response program
 - For a list of eligible demand response programs, review the [SGIP Handbook](#).

<https://www.pge.com/en/save-energy-and-money/rebates-and-incentives/self-generation-incentive-program.html?vnt=sgip>

Energy Smart Homes: Post Installation



Requirements:

- Heat Pump Space Heater
- Heat Pump Water Heater
- Induction Cooking
- Electric Dryer
- PG&E Customer
- Application & Documentation

Single Family, Duplex, and Townhome Whole Building Electrification Alterations

Rebates:

Base - \$4,250

Heat Pump Dryer - \$250

Electric Infrastructure Upgrade - \$1000

Multifamily Low Rise/ADU

Whole Building Electrification

Rebates/Unit:

Base - \$2,250

Heat Pump Dryer - \$250

Electric Infrastructure Upgrade - \$600

New Construction

Rebates/Unit:

Single family, Duplex, Townhouse: \$3000

Multifamily/ADU; \$1600

Energy Smart Homes

Advanced Technology Bonuses

Whole Building Electrification Alteration Advanced Technology Bonus Incentives per Enrolled Dwelling Unit	Single Family	Multifamily Low-Rise
Variable Capacity Heat Pump (VCHP)	\$300	\$300
Heat Pump without Electric Resistance	\$300	\$300
Integrated Heat Pump Space and Water Heating	\$1,000	\$1,000
Low Global Warming Potential (GWP) Heat Pump	\$800	\$800
Heat Pump Pool or Spa Heater <i>(per installed piece of equipment)</i>	\$1,000	\$1,000
Central Heat Pump Water Heater Design <i>(per project/developer and must include full MEP design, costs, and documentation)</i>	N/A	\$5,000
Central Heat Pump Water Heater Installation	N/A	\$500

Utility Retail Coupons: Upfront Rebate



Heat Pump Water Heater (3.3UEF)

- \$500 - Replaces 40-50 g. Electric H²O Heater w/45-55 g. HPWH
- \$700 - Replaces 30-40 g. Gas H²O Heater w/45-55 gallon HPWH
- \$900 - Replaces 40-50 g. Gas H²O Heater 55-75 gallon HPWH
- \$900 - Replaces 50-60 g. Gas H²O Heater ≥75 gallon HPWH



Smart Thermostats

\$75 - Replaces Standard Thermostat
Designated Retail Stores



<https://goldenstaterebates.com/>

AVA Community Energy: Contractor Incentive

Heat pump water heater

Your contractor can get \$1,000 to install an electric heat-pump water heater for an Ava customer. Must replace gas or propane and meet efficiency standards.



<https://ava.govcentives.com/redirect/184>

Bay Area Air District (BAAQMD)



Funding Overview

Grants for homeowners to remove and/or replace wood-burning heaters with electric heat pumps.

<https://www.baaqmd.gov/en/funding-and-incentives/residents/clean-heet-program>

Funding Amounts			
Project Type	Existing Device	Manufacture Year	Maximum Base Funding
Install an Electric Heat Pump	Free-standing wood stove or wood-burning fireplace insert	2014 and earlier	\$6,500
		2015-2019	\$3,000
	Pellet-burning stove or fireplace insert	2014 and earlier	\$3,000
	Open-hearth fireplace	Any	\$6,000
	Second Device, if applicable	2014 and earlier	+\$3,000
	Plus-up funding for qualifying low-income participants		+\$4,000
Decommission Only	Wood-burning stove or insert	1988 and earlier	\$1,000
	Open-hearth fireplace	Any	\$1,000
	Second Device, if applicable		+\$1,000

The deadline to apply is 5:00 PM PST on April 30, 2025.

Rebate Finders



THE SWITCH IS ON

<https://switchison.org/>



Community
Energy

<https://avaenergy.org/>

REWIRING
AMERICA

<https://www.rewiringamerica.org/app/ira-calculator>

Contractors

An essential link to understanding rebates



*1-888-Heat-Pumps**
HEATING & COOLING SERVICES

All-Electric
California



Questions



Citizens' Climate Lobby
Alameda County