

# Home Electrification Rebates



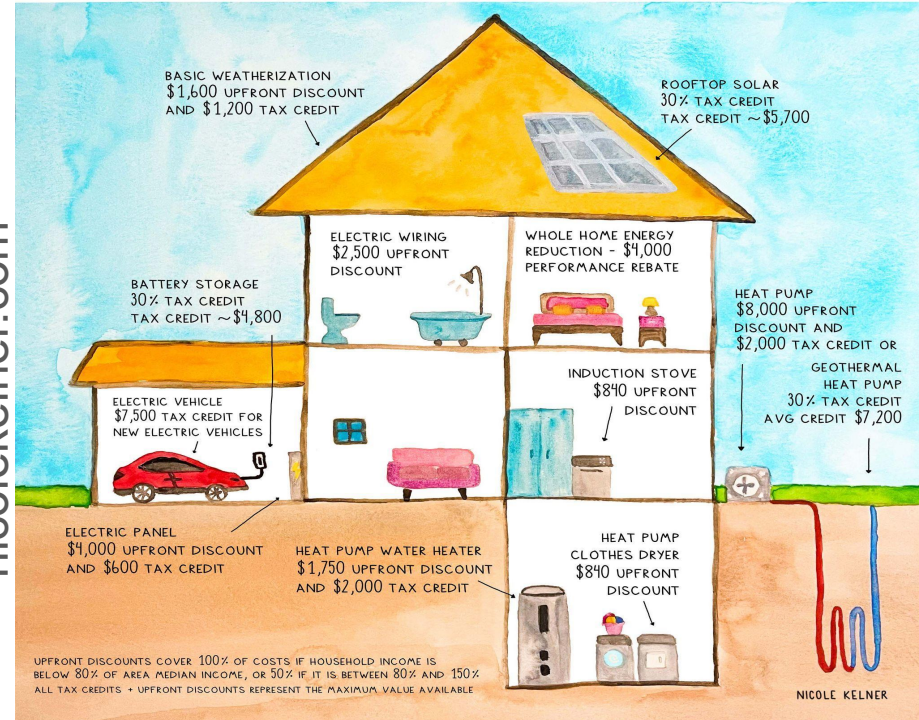
**Citizens' Climate Lobby**  
Alameda County

Berkeley Electrification Fair  
April 20, 2024  
Tom Graly

## POTENTIAL SAVINGS FROM THE IRA

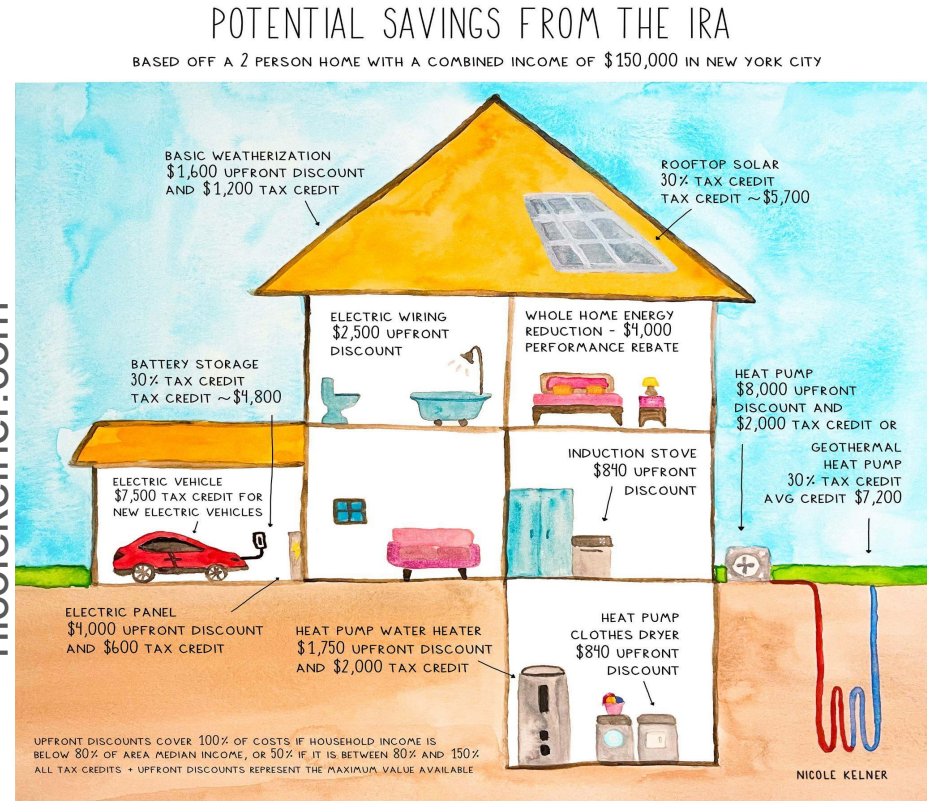
BASED OFF A 2 PERSON HOME WITH A COMBINED INCOME OF \$150,000 IN NEW YORK CITY

nicoleknelner.com



# Our Agenda

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



# 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

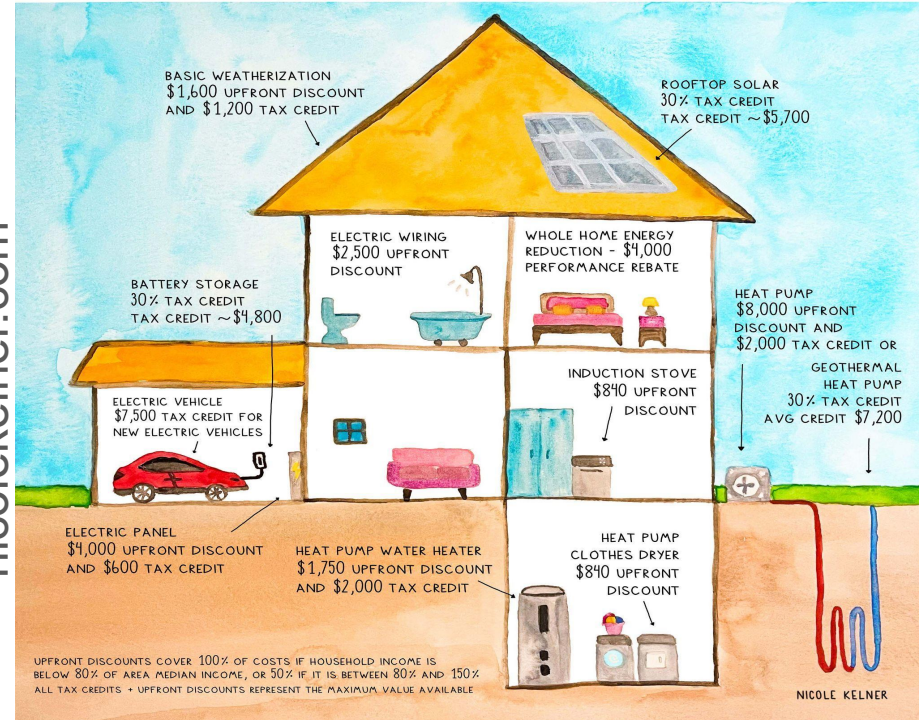
**Contractor Rebates:** usually passed on to purchaser

5

**Stackable Rebates**

POTENTIAL SAVINGS FROM THE IRA  
BASED OFF A 2 PERSON HOME WITH A COMBINED INCOME OF \$150,000 IN NEW YORK CITY

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# 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

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

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

\$80,000

**How much money can you get with the Inflation Reduction Act?**

Enter your household information to find out. [Reset calculator](#)

Rent or Own ⓘ

Homeowner

Tax Filing ⓘ

Married Filing Jointly

Household Size ⓘ

2 people

Household Income ⓘ

\$80,000

Zip Code ⓘ

94705

Email address ⓘ

you@example.com (optional)

Calculate! ⌵

Get updates on incentives, rebates, and more from Rewiring America.

Your Personalized Incentives

UPFRONT DISCOUNTS ⓘ

\$14,000

Covers up to 100% of costs ⓘ

AVAILABLE TAX CREDITS ⓘ

\$5,850

ESTIMATED ENERGY SAVINGS PER YEAR ⓘ

\$1,350

**Total Incentives \$19,850 ⚡**

# The Inflation Reduction Act Rebate Calculator



## Household Electrification Incentives

All the savings you may be eligible for!

\$80,000 Income

### Electrification Rebates <sup>?</sup>

ITEM	AMOUNT	TIMELINE
Heat Pump Air Conditioner/Heater	\$8,000	2024
Efficiency Rebates	\$8,000	2024
Electric Panel	\$4,000	2024
Electric Wiring	\$2,500	2024
Heat Pump Water Heater	\$1,750	2024
Weatherization	\$1,600	2024
Electric/Induction Stove	\$840	2024
Heat Pump Clothes Dryer	\$840	2024

### Tax Credits <sup>?</sup>

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 Rebate Calculator

\$150,000

How much money can you get with the Inflation Reduction Act?

Enter your household information to find out.

[Reset calculator](#)

Rent or Own <sup>?</sup> Tax Filing <sup>?</sup>

Homeowner  Married Filing Jointly

Household Size <sup>?</sup> Household Income <sup>?</sup> Zip Code <sup>?</sup>

2 people  \$150,000  94705

Email address <sup>?</sup>

you@example.com (optional)

**Calculate!** <sup>?</sup>

Get updates on incentives, rebates, and more from Rewiring America.

## Your Personalized Incentives

UPFRONT DISCOUNTS <sup>?</sup>

**\$14,000**

Covers up to 50% of costs <sup>?</sup>

AVAILABLE TAX CREDITS <sup>?</sup>

**\$17,500**

ESTIMATED ENERGY SAVINGS PER YEAR <sup>?</sup>

**\$1,350**

Total Incentives **\$31,500** ⚡

\$200,000

How much money can you get with the Inflation Reduction Act?

Enter your household information to find out.

[Reset calculator](#)

Rent or Own <sup>?</sup> Tax Filing <sup>?</sup>

Homeowner  Married Filing Jointly

Household Size <sup>?</sup> Household Income <sup>?</sup> Zip Code <sup>?</sup>

2 people  \$200,000  94705

Email address <sup>?</sup>

you@example.com (optional)

**Calculate!** <sup>?</sup>

Get updates on incentives, rebates, and more from Rewiring America.

## Your Personalized Incentives

UPFRONT DISCOUNTS <sup>?</sup>

**N/A**

AVAILABLE TAX CREDITS <sup>?</sup>

**\$28,500**

ESTIMATED ENERGY SAVINGS PER YEAR <sup>?</sup>

**\$1,350**

Total Incentives **\$28,500** ⚡

# 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 - Post Installation Rebates



*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.*



# BayREN Program Overview

- Launched in January 2019
- Eligibility: Own 1-4 unit home built before 2001, located in 9-county Bay Area
- Program offerings:
  - Up to \$4,000 in rebates for energy efficiency upgrades
  - No-cost Home Energy Advisor service
  - Network of trained participating contractors

# BayREN: Rebate Requirements

- 1 Contractors: You must use an approved contractor
- 2 Appliance Efficiency: Needs to meet minimum standards
- 3 Fuel Substitution or Efficiency Upgrade
- 4 PG&E Customer
- 5 DIY Appliances: Before and after documentation
- 6 One Rebate per Address
- 7 Capped at \$4000 over 8 year period

# BayREN: Post Installation Rebates

## Rebates Available: Contractor

- *Home Energy Score \$200*
- *Heat Pump Water Heaters \$400*
- *Insulation \$0.70-0.75/Sq. Ft.*
- *Air Sealing \$150*
- *Duct Replacement \$500*
- *Heat Pumps (HVAC) \$400 - \$250*
- *Air Conditioning \$200*
- *Furnaces \$300*
- *High-Efficiency Gas Water Heaters \$400*

## DIY Rebates: Documentation

- *Induction Cooktops \$250*
- *Heat Pump Dryers \$250*

## Other Rebates:

- *Water Efficiency Rebates*



# California State Rebates: Contractor



*TECH Clean California*

## Heat Pump HVAC System Rebates

Heat pump heating and cooling systems are eligible for a \$1,000 rebate per unit, with up to two incentivized systems allowed per home.

## Heat Pump Water Heater Rebates

Heat pump water heaters are \$3,100  
HP water heaters > 55 gallons are \$3,800.  
Electrical work for a heat pump water heater installation.  
The bonus rebate 50% of your total project costs, up to \$2,000.

<https://techcleanca.com/>



California  
Public Utilities Commission

## *Self-Generation Incentive Program (SGIP)*

### Battery Storage Rebates

10% - 80% - 100% of total project

Typical Requirements:

- Public Safety Power Shut-off (PSPS) events
- Low income
- Medically vulnerable
- Well with Electric Pump

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

# Energy Smart Homes: Post Installation



Single Family, Duplex, and Townhome  
Whole Building Electrification Alterations  
and New Construction

## Requirements:

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

## Rebates:

Base - \$4,250

Heat Pump Dryer - \$250

# Utility Retail Coupons: Upfront Rebate



## Heat Pump Water Heater (3.3UEF)

- \$500 - Replaces existing Electric Heater
- \$700 - Replaces Gas H<sup>2</sup>O Heater 45-55 gallon
- \$900 - Replaces Gas H<sup>2</sup>O Heater > 55 gallon



## Smart Thermostats

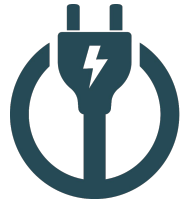
- \$75 - Replaces Standard Thermostat
- Designated Retail Stores

The Golden State Rebates program is funded by California utility customers under the auspices of the California Public Utilities Commission and implemented by CLEAResult under a contract awarded by San Diego Gas & Electric Company (SDG&E®) and supported by Pacific Gas and Electric Company (PG&E®), Southern California Gas Company (SoCalGas®) and Southern California Edison Company (SCE®).



<https://goldenstaterebates.com/>

# Rebate Finders



THE SWITCH IS ON

<https://switchison.org>



<https://avaenergy.org/>

REWIRING  
AMERICA

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



# Contractors

An essential link to understanding rebates



**All-Electric  
California**



ECO PERFORMANCE  
BUILDERS

# Questions



**Citizens' Climate** Lobby  
Alameda County