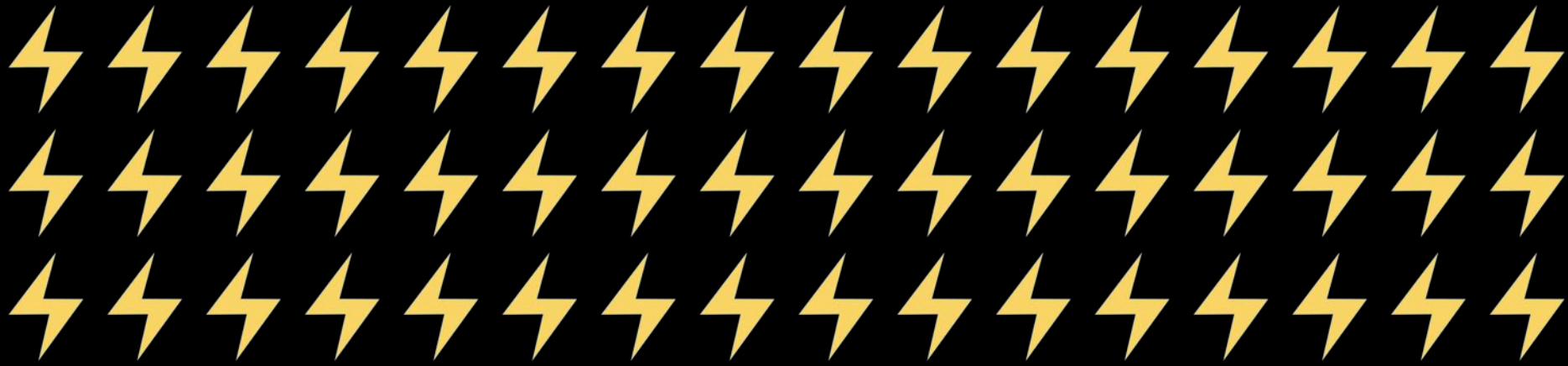


The IRA and Vehicles

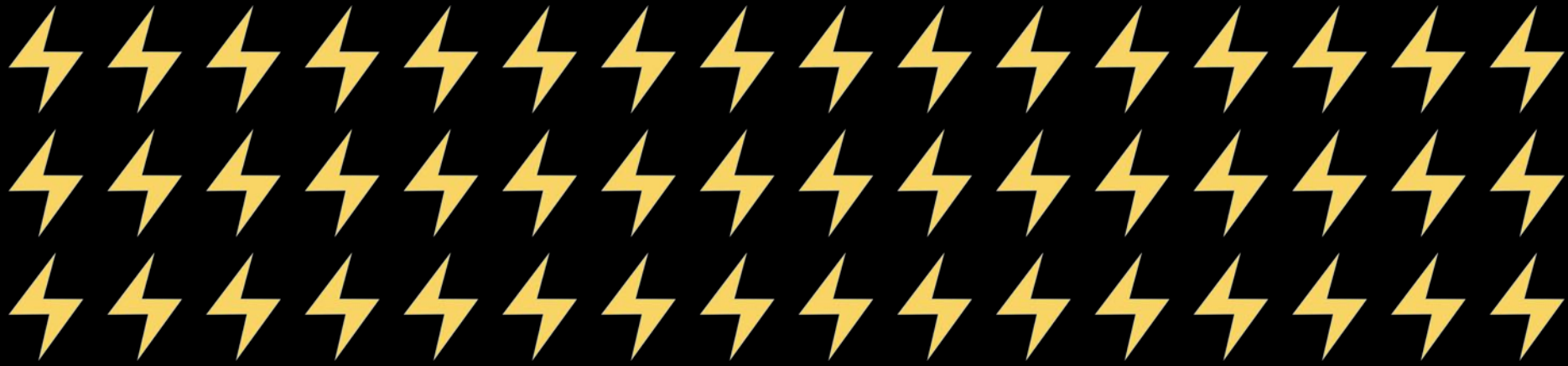
Joel Rosenberg, joel@rewiringamerica.org





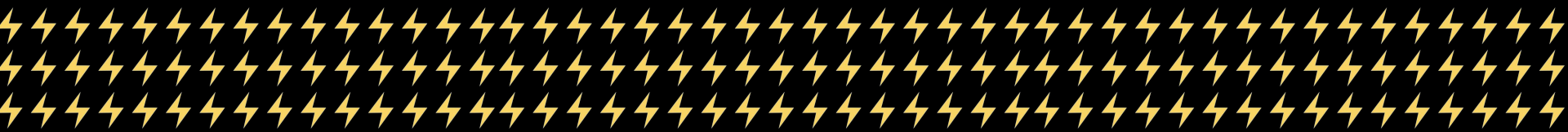
Electrify everything!

Clean electricity + electrification =
decarbonization.




**The Inflation Reduction Act will
jumpstart the electrification
movement.**

(A caveat: the following information is based on our best understanding of the legislative text. We will know more as agencies like DOE/IRS issue implementation guidance.)



Businesses & nonprofits



**Commercial
EVs & charging**

30C: Alternative Fuel Refueling Property Credit

- Extended through 2032
 - Provides 30% tax credit for EV chargers installed in rural or low-income communities
 - Increases incentive from \$30,000 per property to \$100,000 per item
-

45W: Credit for Qualified Commercial Clean Vehicles

- Extended through 2032
- Provides 30% tax credit for commercial clean vehicles
 - \$7,500 cap for vehicles under 14,000 pounds Gross Vehicle Weight Rating (GVWR)
 - \$40,000 cap for larger vehicles
- No sourcing/manufacturing/assembly requirements

Low-Cost Financing and Grants

GHG Reduction Fund

\$27B to leverage private capital with a ~5:1 ratio

In two pots:

- \$7B: residential & community solar & storage in low-income/disadvantaged communities
- \$20B in grants to CDFIs* or green bank-like entities
 - \$8B reserved for low-income/disadv.


* Community Development Financial Institutions

Loans Program Office

1706: Energy Infrastructure Reinvestment

- \$5B through FY26 to guarantee \$250B in loans
- Re: outdated energy infrastructure**


** Including home electrification and demand response



Other Provisions to Know

Infrastructure Investment & Jobs Act (IIJA)


- \$7.5B for public charging infrastructure
 - \$5B National Electric Vehicle Infrastructure (NEVI) Formula Program to states for 500,000 EV chargers by 2030
 - An additional \$2.5B in discretionary grants for EV charging infrastructure in rural and underserved communities



Other Provisions to Know

Transportation Grants

- \$1B for the **Clean Heavy-Duty Vehicle Program**
 - Includes vehicles, supporting infrastructure, and workforce
 - At least \$400M must go to areas not meeting national air quality health standards
 - Application open to states, municipalities, Indian tribes, nonprofit school transportation associations, and eligible contractors



Other Provisions to Know

Environmental And Climate Justice Block Grants

- \$3B through FY2026
- Competitive grants to local governments, Tribes, and community-based nonprofits in disadvantaged communities
- Potential uses include investments in zero-emission technologies and related infrastructure and workforce development



Schools

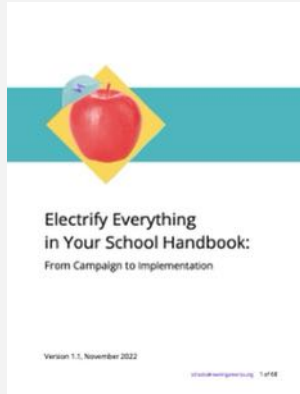
Infrastructure Investment and Jobs Act (IIJA)

- \$5B for electric school buses & \$2.5B for charging infrastructure

Inflation Reduction Act (IRA)

- Commercial Clean Vehicle Tax Credit (e.g. \$40k for a school bus)
- Alternative Fuel Refueling Property Credit (30% up to \$100k for charging)

Rewiring Schools



Consumers


Name	Technical Name	Type of Program	Technologies	Target Population	Maximum \$ Amount per Household	Total Budget
Electrification Rebates	HEEHRA	Rebates	Heat pumps, heat pump water heaters, electric stoves, heat pump clothes dryers, panels, wiring, weatherization	Low- and moderate-income households	\$14,000	\$4.5B
Energy Efficiency Rebates	HOMES	Rebates	Whole-home improvements (including heat pumps)		\$8,000 (LMI) \$4,000 (non-LMI)	\$4.3B
Electrification/efficiency tax credits	25C	Tax Credits	Heat pumps, heat pump water heaters, weatherization, panels		30%, up to \$3,200 per year	Uncapped
Solar/storage tax credits	25D	Tax Credits	Solar, storage, geothermal		30%	Uncapped
EV tax credits	30D/25E	Tax Credits	New EVs (30D)/Used EVs (25E)	Non-high income households	\$7,500 (new) \$4,000 (used)	Uncapped

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Electrification Rebates	HEEHRA	Rebates	Heat pumps, heat pump water heaters, electric stoves	Low- and	\$14,000	\$4.5B
Energy Efficiency Rebates			(including heat pumps)		\$8,000 (LMI) \$4,000 (non-LMI)	\$4.3B
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Coming Late-2023

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Coming Late-2023



**Electric Vehicle
Tax Credits
(soon rebates)**

Tax credits are income-limited and MSRP-limited. Starting in 2024 can be transferred to dealers for point-of-sale rebate

30D: Clean Vehicle Credit

- \$7,500 tax credit for new EVs (tied to critical mineral, battery component, and final assembly requirements)
- Revokes unit-per-manufacturer cap on tax credits
- Additional [IRS info](#) on who qualifies, and which vehicles

25E: Previously-Owned Clean Vehicle Credit

- Started in Jan 2023
- \$4,000 tax credit for used EVs
- Only available through dealership. More [info from IRS](#)

30C: Alternative Fuel Refueling Property Credit

- Extended through 2032, restricted to rural or low-income communities
- 30% tax credit for residential EV chargers, up to \$1,000/charger

FREE FROM REWIRING AMERICA

IRA Savings Calculator

- Enter your info
- Tells you what you're eligible for



YOUR SAVINGS CALCULATOR

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

Enter your household information to find out.
We do not store this data.

Zip Code Homeowner Status Household Income

Tax Filing Household Size

Your Personalized Incentives

These are available to American homeowners and renters over the next 10 years.

UPFRONT DISCOUNTS **\$14,000** AVAILABLE TAX CREDITS **\$13,700** ESTIMATED BILL SAVINGS PER YEAR **\$1,550**

Total Incentives: \$27,700 ⚡

Disclaimer: This is an estimate. We do not yet know how or when upfront discounts will be implemented in each state, so we cannot guarantee final amounts or timeline. The geothermal tax credit is not included in these totals.

Frequently Asked Questions

Household Electrification Incentives

All the savings you may be eligible for!

Upfront Discounts

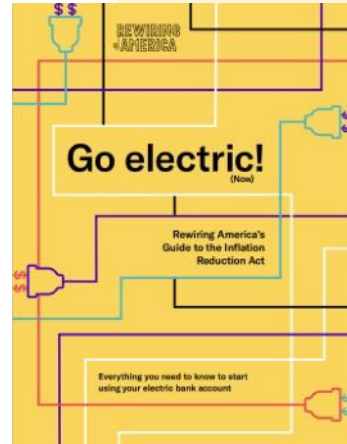
ITEM	AMOUNT	TIMELINE	
Heat Pump Water Heater	\$1,750	2023	More Info >
Heat Pump Air-Conditioner/Heater	\$8,000	2023	More Info >
Electric Stove	\$840	2023	More Info >
Heat Pump Clothes Dryer	\$840	2023	More Info >
Electric Panel	\$4,000	2023	More Info >
Basic Weatherization	\$1,600	2023	More Info >
Electric Wiring	\$2,500	2023	More Info >
Whole Home Energy Reduction	\$4,000	2023	More Info >

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

FREE FROM REWIRING AMERICA

Go electric! Guide to the IRA

- Guide to your “free electric bank account”
- Case studies & background info

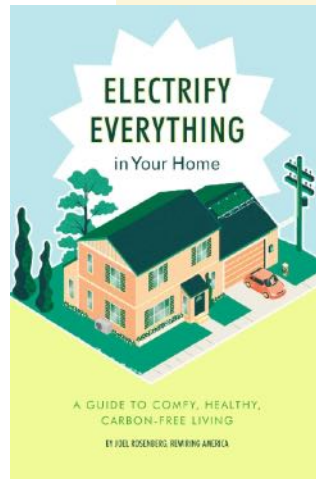


<https://rewiringamerica.org/IRAguide>

FREE FROM REWIRING AMERICA

Electrify Everything in Your Home

- How to plan & what to do now (even renters!)
- How to be a good client to your contractors



<https://rewiringamerica.org/electrify-home-guide>

FREE FROM REWIRING AMERICA

The Inflation Reduction Act Fact Sheets

<https://www.rewiringamerica.org/ira-fact-sheets>

The screenshot shows the top navigation bar of the Rewiring America website with links for Policy Hub, Data & Maps, News & Publications, Get Involved, Careers, and About Us. The main heading is "IRA Fact Sheets". Three fact sheet cards are displayed, each with a yellow background and a purple header. The first card is for the High-Efficiency Electric Home Rebate Program (HEEHR), the second for 25C Residential Energy Efficiency Tax Credit and 25D Residential Clean Energy Tax Credit, and the third for "What the Inflation Reduction Act Means for Contractors and Electrification". Each card includes a brief description and a "Download fact sheet" button with an external link icon.

REWIRING AMERICA Policy Hub ▾ Data & Maps News & Publications ▾ Get Involved ▾ Careers About Us

IRA Fact Sheets

THE INFLATION REDUCTION ACT FACTSHEET

High-Efficiency Electric Home Rebate Program

High-Efficiency Electric Home Rebate (HEEHR) Program →

The Inflation Reduction Act (IRA), signed into law in August 2022, has the potential to reshape the HVAC economy through manufacturing investments, demand-side incentives, and innovative low-cost financing. These programs can be leveraged to support an influx of hundreds of billions of dollars into the clean energy economy and create over 670,000 new clean manufacturing jobs and 900,000 new contractor jobs.

[Download fact sheet](#)

THE INFLATION REDUCTION ACT FACTSHEET

25C Residential Energy Efficiency Tax Credit and 25D Residential Clean Energy Tax Credit

25C Residential Energy Efficiency Tax Credit and 25D Residential Clean Energy Tax Credit →

The 25C and 25D tax credits incentivize household electrification by lowering the total cost of qualified electrification upgrades. 25C provides a capped 30 percent tax credit for heat pumps, heat pump water heaters (HPWHs), qualifying electrical panel upgrades, select weatherization measures, and energy audits. **For the first time, air source heat pumps for space heating/cooling and HPWHs will be eligible for a tax credit of up to \$2,000 per year, and electrical panel upgrades installed in conjunction with a heat pump or HPWH will be eligible for a tax credit of up to \$800.**

[Download fact sheet](#)

THE INFLATION REDUCTION ACT FACTSHEET

What the IRA Means for Contractors and Electrification

What the Inflation Reduction Act Means for Contractors and Electrification →

The Inflation Reduction Act (IRA), signed into law in August 2022, includes \$200 million in electrification and energy efficiency contractor training grants, as well as contractor incentives per qualifying electrification (up to \$500) and per qualifying energy efficiency project (\$200).

[Download fact sheet](#)

Q&A?

Thanks!

Joel Rosenberg
joel@rewiringamerica.org



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