

# Electric Vehicle Incentives



For many consumers, the upfront cost of electric vehicles, along with necessary charging equipment, keeps EVs out of reach. Fortunately, there are a number of incentives available to make switching to electric much less shocking.

**Federal Tax Credits** The federal government wants to see you in an EV. They offer a tax credit of **\$2,500** for purchasing a new electric vehicle (EV), with an additional **\$417 for every kWh** of juice the vehicle's battery has above the 5-kWh minimum. This adds up quickly in most new EVs, with the credit capped at **\$7,500** and can be applied at the point of sale. The federal government has also decided to offer two new tax credits through the 2022 Inflation Reduction Act. The first credit is for pre-owned EV's! The credit is equal to **30%** of the sale price, capped at **\$4,000**. Vehicles purchased from a dealer for **\$25,000** or less are eligible for the credit. The second credit is for EV charging equipment! The credit is worth up to **\$1,000** for residential charger installations and is equal to **30%** of the sales price. Visit [fuelconomy.gov](http://fuelconomy.gov) and <https://www.irs.gov/inflation-reduction-act-of-2022> for more information on the credits and all eligible EV makes and models.

**CVRP Rebate** **As of November 8, 2023, the rebate is fully subscribed and no longer taking applications.** To check for any new updates on plans for future incentive projects head to [cleanvehiclerebate.org](http://cleanvehiclerebate.org).

**California Clean Vehicle Assistance Program** The state wants you to purchase a new ZEV. Invest in an EV, PHEV, or FCEV and receive up to **\$7,000 (PHEV)** or **\$7,500 (EV, FCEV)**. A grant of up to **\$2000 (EV, PHEV)** for home charger installation and a grant of **\$1000** worth of prepaid charge credits are also available. This incentive program specifically targets lower-income, single- and multi-family households. Visit [cleanvehiclegrants.org](http://cleanvehiclegrants.org) to see if you are eligible, and remember to apply before purchasing your vehicle, since the discount is applied at time of purchase.

**California Clean Fuel Reward Program** **The California Clean Fuel Reward amount has temporarily been reduced to \$0. New retailer enrollments are not being excepted. New enrollments will be accepted if/when the program is reinstated. To check for any potential status updates regarding program reinstatement/evolution, visit [cleanfuelreward.com](http://cleanfuelreward.com).**

**PG&E EV Rebate** Electric utilities also want to help future BEV/PHEV drivers with purchasing pre-owned EV's by providing two rebates. The rebates include a **\$1,000** standard option and a **\$4,000** income qualified option! PG&E provides these rebates to Community Choice Aggregator (like Redwood Coast Energy Authority) and non-CCA customers alike. To apply, learn more about your eligibility, and see if funds are available, please visit [pge.com](http://pge.com).

**Electricity Rates (RCEA)** When it's finally time to plug in, EV owners can often take advantage of lower rates for electricity. For CCA customers, cheaper nighttime charging is available through the special **EV-A** and **EV2-A** rates. Compare different rate plans at [redwoodenergy.org](http://redwoodenergy.org). To determine potential cost savings and to change your rate, you will need to contact PG&E.

**HOV Lane Access** Low-emission vehicle owners are eligible for a limited number of "Clean Air Vehicle" stickers which grant access to High Occupancy Vehicle (HOV) lanes and provide discounts for tolls in High Occupancy Toll (HOT) lanes. Only specific vehicles qualify. Visit [DMV.ca.gov](http://DMV.ca.gov) for more details.

**Equipment Incentive** Most EV owners agree a level 2 charger in the garage is essential, and businesses can increase foot traffic by providing EV charging for customers. Prices range from **\$400 to**

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**\$5,000**, plus installation costs. California offers a variety of equipment incentives that are listed at [energy.gov](https://www.energy.gov).

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**RCEA's Home EV Charging Station Rebate**

**Qualifications:**

RCEA Registered Customer

RCEA's community choice energy program wants to reduce the costs associated with buying and installing level 2 home charging stations for their customers by offering a rebate. The rebate can be worth up to **\$500** per customer for select charging stations and is available on a first-come, first-served basis. For more information on the rebate, customer eligibility, and a list of the approved charging stations visit [redwoodenergy.org](https://www.redwoodenergy.org).

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**PG&E Residential Charging Solutions rebate**

As of this year PG&E has also decide to offer a **\$700** rebate for approved charging equipment installed in a customer's home. Approved charging equipment includes only outlet splitters or load-limiting smart chargers. Rebates are being administered on a first come first serve basis and are income qualified. For more information on the program see [pge.com](https://www.pge.com).

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**California Air Resources Board (CARB) incentives**

CARB does not currently have any incentives available for Humboldt County residents. However, CARB does plan to implement a statewide incentive program in the near future, modeled after their Clean Cars 4 All (CC4A) incentive program. To facilitate this a joint solicitation for a third-party administrator with the Clean Vehicle Assistance Program (CVAP) and the CC4A was launched in 2023. For future updates on this new program be sure to check [arb.ca.gov](https://www.arb.ca.gov).

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## Sample Costs After Incentives

**Used Nissan  
Leaf (2020)**  
(Battery electric)



**Toyota Prius  
Prime (2023)**  
(Plug-In Hybrid  
Electric)



**Chevy Bolt  
EV (2023)**  
(Battery electric)



**Honda Civic  
(2023)**  
(Internal combustion  
engine)



<b>MSRP</b>	\$14,299 <sup>1</sup>	\$32,350	\$36,995	\$23,750
<b>Federal Tax Credit</b>	-\$4,290	-\$6,086	-\$7,500	None
<b>CA CVRP Rebate<sup>2</sup></b>	None (fully subscribed)	None (fully subscribed)	None (fully subscribed)	None
<b>CA Clean Fuel Reward<sup>3</sup></b>	None (new only)	Reward amount \$0 temporarily	Reward amount \$0 temporarily	None
<b>PG&amp;E Rebate</b>	-\$1000 or -\$4000	None	None	None
<b>Cost<sup>4</sup></b>	<b>\$9,009 – \$6,009</b>	<b>\$26,264</b>	<b>\$29,495</b>	<b>\$23,750</b>

<sup>1</sup> Market price quoted from Kelley Blue Book

<sup>2</sup> Assumes Individual income is between \$35,000 and \$250,000.

<sup>3</sup> The Clean Fuel Reward cannot stack with the PG&E Clean Fuel Rebate, but it can stack with the other listed incentives.

<sup>4</sup> California Vehicle Assistance Program grants are not included. Values obtained from Kelly Blue Book. Does not include fuel and maintenance savings. On average, drivers can expect to pay half the cost in fuel and \$2100 less on maintenance by going electric (DOE, 2019).

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<b>Range (miles)<sup>5</sup></b>	80-100 all-electric	39-44 all- electric 640 total	247 All-electric	397
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<sup>5</sup> Battery electric vehicles (BEVs) rely exclusively on a battery, while plug-in hybrid electric vehicles (PHEVs) incorporate an internal combustion engine (ICE), and Fuel Cell Electric Vehicles (FCEV) are fueled by hydrogen. Range calculations for PHEVs reflect the combined battery range and ICE range.

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