

## Light-Duty Plug-in Hybrid Electric (PHEV) and All-Electric Vehicle (EV) Tax Credits October 2012

There has been a strong push in recent years to make electric vehicles (EVs) a feasible option for American drivers. While a number of models have already been introduced to the U.S. market (Chevrolet Volt, Nissan Leaf) and many more are anticipated for model year 2013 (Toyota Prius Plug-in, Ford Focus EV), sales of these vehicles have been modest.

Tax credits for electric vehicles were established as part of the Emergency Economic Stabilization Act in 2008. Plug-in hybrid and all-electric vehicles purchased from January 1, 2010 onwards can earn a minimum credit of \$2,500 if they have a battery of at least 4 kilowatt-hours. Each additional kilowatt-hour of battery power earns an extra \$417, up to a maximum credit of \$7,500 for light duty electric vehicles. Credits begin to phase out once a manufacturer has sold 200,000 electric vehicles. The tax credit program expires at the end of 2014.

Below is a downloadable list of existing and upcoming electric vehicles and their associated tax credits. Specifications for these vehicles are provided largely by auto manufacturers and from the U.S. Environmental Protection Agency.

### Current Models

Make	Model	Plug-In Type	Vehicle Class	Combined MPGe/MPG <sup>a</sup>	Electric-Only Range (miles)	Battery Size (kWh)	Sales To Date <sup>b</sup>	Current Available Credit	
<b>Model Year 2012</b>									
Chevrolet	Volt	PHEV	Car	94/37	35	16.5	21,118	\$7,500	<sup>c</sup>
Coda	Automotive	EV	Car	73	88	31.0	100	\$7,500	<sup>c</sup>
Fisker	Karma	PHEV	Car	54/20	33	20.1	-	\$7,500	<sup>c</sup>
Mitsubishi	i-MiEV	EV	Car	112	62	16.0	483	\$7,500	<sup>c</sup>
Nissan	Leaf	EV	Car	99	73	24.0	13,902	\$7,500	<sup>c</sup>
Tesla	Model S	EV	Car	89	160	40.0	29	\$7,500	<sup>d</sup>
Toyota	Prius	PHEV	Car	95/50	11	4.5	6,068	\$2,500	<sup>c</sup>

### Upcoming Models<sup>d</sup>

Make	Model	Plug-In Type	Vehicle Class	Combined MPGe/MPG <sup>a</sup>	Electric-Only Range (miles)	Battery Size (kWh)	Sales To Date <sup>b</sup>	Current Available Credit	
<b>Model Year 2012</b>									
Chevrolet	Volt	PHEV	Car	98/37	38	16.5	-	\$7,500	<sup>d</sup>
Ford	Focus	EV	Car	105	100	23.0	-	\$7,500	<sup>c</sup>
Honda	Fit EV	EV	Car	132	82	20.0	-	\$7,500	<sup>d</sup>

Notes:

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- a. Combined city/highway fuel economy for all-electric vehicles is provided on a mile-per-gallon equivalency basis (MPGe). For PHEVs, all-electric fuel economy is provided on an MPGe basis, followed by fuel economy for all-gasoline operation in miles per gallon.
- b. Sales figures for the Chevrolet Volt, Nissan Leaf and Mitsubishi i-MIEV from [www.autonews.com](http://www.autonews.com). Estimates for the remaining current models are from manufacturer press releases.
- c. Tax credit amount has been certified by automaker and acknowledged by the Internal Revenue Service.
- d. Tax credit amount has not been acknowledged by the Internal Revenue Service.
- e. Specifications and credits for these vehicles are estimated based on currently available information.