

# Plug-In Hybrids: Organizations/Resources/Summary of OEM Plans

We've prepared this list to promote cooperation and cross-communication, and will work to make an expanded version available online at a private (unlinked) page at <http://www.calcars.org/phev-contacts.html> with contact emails/names for each organization. For omissions and corrections, or to be listed as a contact person, please write to [nfo@calcars.org](mailto:nfo@calcars.org). This list with URLs is at <http://www.calcars.org/partners.html>. December 1, 2007

## Policy/research/advocacy organizations

[Advanced Vehicle Initiative Consortium of North Central Washington State](#)  
[Alliance to Save Energy](#)  
[American Auto Association of N. CA](#)  
[Americans for Energy Independence](#)  
[Bluewater Network/Friends of the Earth](#)  
[California Cars Initiative \(CalCars.org\)](#)  
[Center for a New American Dream](#)  
[Center for Energy & Climate Solutions](#)  
[Climate Solutions](#)  
[DontBeFueled](#)  
[Electric Auto Association](#)  
[Electric Drive Transportation Association](#)  
[Energy Independence Now](#)  
[Environmental Entrepreneurs](#)  
[Freedom From Oil](#)  
[Global Exchange](#)  
[IEEE](#)  
[Institute for Analysis of Global Security](#)  
[Natural Resources Defense Council](#)  
[OurPower](#)  
[PHEV Coalition of the Carolinas](#)  
[PHEV Development Consortium](#)  
[PHEV School Bus Project](#)  
[PHEV Research Center at UC Davis](#)  
[Plug In America](#)  
[Plug-In Bay Area](#)  
[Plug-In Partners](#)  
[Rainforest Action Network](#)  
[RechargeIT of Google.org](#)  
[Renewable and Appropriate Energy Laboratory at UC Berkeley](#)  
[Securing America's Future Energy](#)  
[Set America Free](#)  
[Silicon Valley Leadership Group](#)  
[Smart Transportation](#)  
[Vote Solar Initiative](#)  
[V2G Research at Univ of Delaware](#)  
[Weststart-CALSTART](#)

## Technology integrators

[AC Propulsion](#) San Dimas, CA  
[Aerovironment](#) Monrovia, CA  
[Alten Energy Solutions](#) Vancouver, British Columbia, Canada  
[Amberjac Projects](#) Grantham Lincolnshire, UK  
[Clean-Tech](#) Los Angeles, CA  
[DIY-MPG](#) San Francisco, CA  
[EDrive Systems LLC](#) Irvine, CA  
[Efficient Drivetrains](#) Davis, CA  
[EnergyCS](#) Monrovia, CA  
[Green Car Company](#) Seattle, WA  
[Hybrid Center at the University of California-Davis](#) (Prof. Andy Frank)  
[Hybrid Electric Vehicle Technologies](#) Chicago, IL  
[Hybrid Plugs](#) Houston, TX  
[Hybrids-Plus](#) Boulder, CO  
[Hymotion](#) Concord, Ontario, Canada  
[L3 Research](#) San Diego, CA  
[Luscious Garage](#) San Francisco, CA  
[OEMTEK](#) Milpitas, CA  
[Pat's Garage](#) San Francisco, CA  
[Plug-In Conversions](#) Poway, CA  
[Plug-In Supply](#) Petaluma, CA  
[Solar Electrical Vehicles](#) Westlake Village, CA  
[V2Green](#) Seattle, WA

## Electric utilities

[Austin Energy](#) founder of Plug-In Partners  
[California Electric Transportation Coalition \(CalETC\)](#)  
[Electric Power Research Institute \(EPRI\)](#)  
[Pacific Gas and Electric](#)  
[Sacramento Municipal Utility District](#)  
[Southern California Edison](#)

## Government

[Argonne National Lab](#)  
[Bay Area Air Quality Management District](#)  
[California Air Resources Board](#)  
[California Energy Commission](#)  
[Idaho National Lab](#)  
[National Renewable Energy Lab](#)  
[Pacific Northwest National Lab](#)  
[South Coast Air Quality Management District](#)  
[US DOE Energy Efficiency & Renewable Energy Program's Vehicle Technologies Program](#)

## Online publications and blogs

[Autoblog Green](#)  
[CalCars-News Archive](#)  
[Climate Progress](#) (by Dr. Joseph Romm)  
[Edmunds Green Car Advisor](#)  
[EVWorld](#)  
[GM Fastlane](#)  
[Green Car Congress](#)  
[GreenCar](#)  
[Greentechmedia](#)  
[HybridCars.com](#)  
[Plugs and Cars](#) (by Marc Geller)  
[Power, Plugs & People](#) (by Felix Kramer)  
[Toyota Open Road](#)  
[Treehugger](#)  
[Wikipedia](#)  
[World Changing/Sustainability Sundays](#)

## Online hybrid discussion groups

[EAA-PHEV Conversion Group](#) successor to [PRIUS+ PHEV Conversion Group](#)  
[Greenhybrid.com](#)  
[PriusChat](#)  
Yahoo Groups including [Gridable Hybrids](#), [Prius-2G](#), [Prius\\_Technical Stuff](#), [Hybrid\\_Ford\\_Escape](#)

## Selected Publications (more at the [CalCars Books, Downloads and Resources pages](#))

HEV Working Group, [Comparing the Benefits and Impacts of Hybrid Electric Vehicle Options](#), EPRI Report #1000349 July 2001  
HEV Working Group, [Comparing the Benefits and Impacts of HEV Options for Compact Sedans and Sport Utility Vehicles](#), EPRI Report #1006892 July 2002  
LA Times Magazine, ["Running on Empty"](#) by Dan Neil July 2005  
EPRI Journal, ["Fuels for the Future"](#) Fall 2005  
Plug-In Partners, [Campaign Flyer](#) February 2006

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Scientific American, [Driving the Solution: The Plug-In Hybrid Vehicle](#) April 2006  
Alliance Bernstein, ["Plugging Into the Future"](#) June 2006  
The Economist, ["Plugging Into a New Market"](#) June 2006  
Sherry Boscher, [Plug-in Hybrids: The Cars That Will Recharge America](#), New Society Publishers Oct 2006, 240 pp  
Pacific National Lab, [Impacts Assessment of PHEVs on Electrical Utilities & Regional US Power Grids](#) January 2007  
EPRI and Natural Resources Defense Council (NRDC), [Environmental Assessment of Plug-in Hybrid Electric Vehicles](#) July 2007  
Co-op America Quarterly, ["A Plug for Hybrids"](#) Summer 2007  
David Sandalow, [Freedom From Oil: How the Next President Can End the US's Oil Addiction](#), McGraw Hill Oct 2007, 272 pp  
CalCars.org, ["Our Cars Can Get 100+MPG" and "10 Talking Points"](#) October 2007  
California Air Resources Board [Zero Emissions Vehicles Program](#): multiple documents/reports/s on PHEVs

## PHEV Plans of Original Equipment Manufacturers & Startup Companies

See updates and statements by manufacturers in media reports [What Carmakers say about PHEVs](#)

Automaker	Description and summary of official statements	Status of production
<b>Audi</b>	Volkswagen-owned company exploring PHEVs	Metroproject Quattro Sub-Compact concept PHEV October 2007
<b>Aptera</b>	Futuristic lightweight \$30,000 3-wheel vehicles in development	Taking deposits on hybrid version to follow electric version in 2009
<b>BYD</b>	BYD Automobile Company, Shenzhen, China	Plan F6DM PHEV for sale in China in late 2008
<b>Chrysler</b>	Chrysler launching electric vehicle division.	Renegade/Zeo/Eco-Voyager concept cars
<b>Daimler</b>	Joint DaimlerChrysler program managed by Daimler after separation of companies.	Several dozen PHEV prototypes on 15-passenger Sprinter van since 2004 (nickel-metal and lithium); no production commitment
<b>Fisker</b>	Partner with Quantum Technologies for \$80,000 PHEV	Taking deposits for small production runs in 2009 and 2010.
<b>Ford</b>	Five to 10 years away. Small long-term evaluation program, including modeling of vehicle-to-grid benefits and economics, with Southern California Edison. Batteries not ready.	First Escape PHEV delivered to SCE Nov 2007. Several after-market companies have done PHEV conversions of the Ford Escape
<b>General Motors</b>	Saturn Vue PHEV and Chevy Volt series PHEV, which it calls "extended range electric vehicle" (EREV), part of "E-Flex" multi-fuel platform. Intends to be first. For Volt, insists on high 40-mile electric-only range /lifetime battery/affordability criteria.	Aims to get Saturn Vue on road in 2009; no production goal. Aims for 30-60,000 Volts in first year with Nov 2010 goal to begin production. Now bench-testing first prototype battery packs.
<b>Honda</b>	Sees PHEVs as having "unnecessary fuel engine and fuel tank; promises all-electrics "assuming we can come up with a really high-performing battery that we are working on currently." Doubts PHEVs have environmental benefits.	No known plug-ins being planned or on the road
<b>Nissan</b>	Adding PHEVs to "development program," but says it intends to build all-electrics not PHEVs.	No known plug-ins being planned or on the road
<b>Rocky Mountain Institute</b>	Nonprofit group aims to spin off commercial venture to build lightweight PHEVs, successor to late 1990s "Hypercar" concept	No schedule announced
<b>Toyota</b>	Agrees on environmental and economic benefits; says batteries need further development before a commitment to mass-production. Acknowledges race to be first but says it won't compete -- wants to be best.	"Plug-in HV" Prius Pilot program in Japan, U.S. and Europe, starts with 10+ vehicles for road-testing, including about 6 in US. Several aftermarket companies and organizations have converted about 150 Priuses.
<b>Venture Vehicles</b>	3-wheel vehicle in development	No schedule announced
<b>Visionary Vehicles</b>	Team w/Malcolm Bricklin (who brought the Subaru and the Yugo to America) is "starting to build the prototype."	Plans to bring a series PHEV to market in 2010
<b>Volkswagen</b>	Lead engineer wants release from requirement to build hydrogen fuel cell vehicles	Space Up! Blue Concept PHEV Van with diesel or hydrogen fuel cells and rooftop photovoltaic
<b>Volvo</b>	Ford-owned company exploring PHEVs	"ReCharge" flex-fuel series 60-mile concept PHEV w/wheel motors

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