

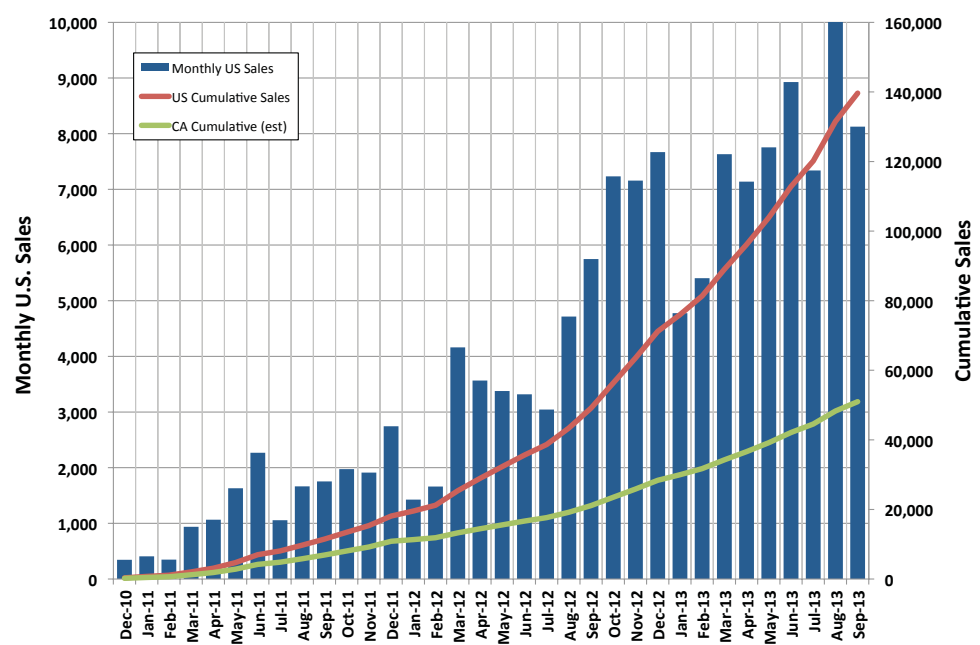


California Plug-In Electric Vehicle Collaborative 2013 Annual Report

Market Report

- California is home to the largest number of plug-in electric vehicles in the country
- Over one-third of all U.S. PEV sales are in California
- A U.S. milestone was hit in May 2013 with 100,000 PEVs sold
- By October 2013 U.S. PEV sales reached nearly 140,000 with over 50,000 of those sales in California

PEV Sales



Source: PEVC Dashboard www.pevcollaborative.org. Data from hybridcars.com

PEV Makes and Models

As the market matures, new PEV models continue to hit showroom floors. Today there are over 15 models available with more coming soon.

Available Now:

BMW ActiveE
 Chevrolet Spark EV
 Chevrolet Volt
 Fiat 500e
 Ford C-Max Energi
 Ford Focus EV
 Ford Fusion Energi
 Honda Accord Plug-in Hybrid
 Honda Fit EV
 Mitsubishi iMiev
 Nissan LEAF
 Smart Fortwo Electric Drive
 Tesla Model S
 Toyota Prius Plug-in
 Toyota RAV4 EV
 Toyota Scion iQ EV

Coming in 2014:

BMW i3
 BMW i8
 Cadillac ELR
 Mercedes Benz B-Class EV
 Mitsubishi Outlander Plug-in Hybrid
 Nissan e-NV200
 Porsche Panamera S E-Hybrid
 Tesla Model X
 Volkswagen E-Golf

Recharging a PEV is Easy and Getting Easier

California's robust and growing network of public charging stations is conveniently located in places such as parking lots, garages and shopping centers. Even faster charging is available with an expanding network of DC Fast Chargers and Tesla Super Chargers.

PEV Collaborative 2013 Successes

The California Plug-In Electric Vehicle Collaborative celebrated its third anniversary in July. Its 40 members facilitate the deployment of plug-in electric vehicles (PEVs) in California to meet economic, energy and environmental goals. Using the diverse expertise of each member, the Collaborative convenes, communicates and collaborates on emerging PEV market trends and works to address challenges. The Collaborative seeks to expand existing PEV stakeholder activities to enable market growth.

At the start of the Collaborative's third year, founding executive director Diane Wittenberg retired and Christine Kehoe, former state legislator, was hired to lead the Collaborative. As part of that transition, California Public Utilities Commissioner Carla Peterman was elected as Chairman.

Convening Members to Expand the PEV Market

The Collaborative held three full member meetings in 2013:

- March 13, Torrance, hosted by Honda; the hot topic was charging infrastructure which generated two follow up webinars
- July 23, San Francisco, hosted by Pacific Gas and Electric and Natural Resources Defense Council; there was a robust discussion on the interaction between PEVs, electric utilities and the grid
- November 6, Davis, hosted by University of California, Davis; the discussion focused on consumer data needed to increase PEV sales

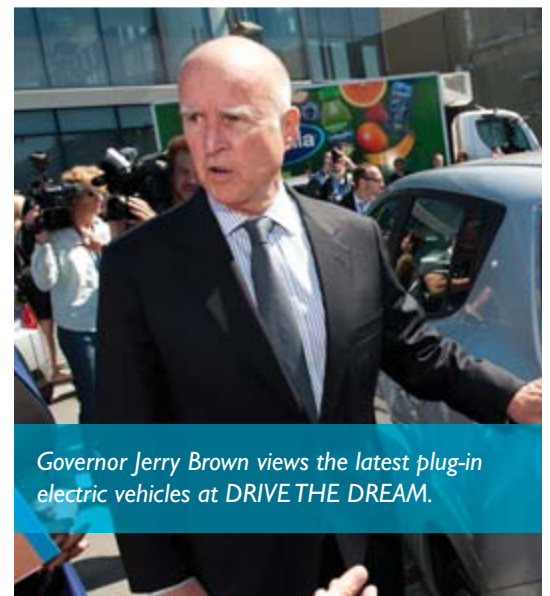
May 2013 Webinars Address PEV Charging Challenges

The Collaborative hosted two webinars exploring different facets of charger interoperability. These webinars offered in-depth perspectives on new ways drivers may access a variety of charging networks; on charger hardware and software options for site hosts and on the two types of DC Fast Charger connectors. Working to solve these issues will make charging more convenient and improve how site hosts manage charging equipment.

DRIVE THE DREAM

DRIVE THE DREAM was organized with Governor Jerry Brown and California business leaders to showcase private sector investment in workplace charging that moves the PEV market forward. The event took place on September 16, 2013, at the Exploratorium in San Francisco.

DRIVE THE DREAM was a resounding success. The event highlighted 40 California businesses including The Coca-Cola Company, Google and Walgreens whose executives announced substantial investments in new workplace charging for PEVs, corporate fleet purchases and increased employee PEV purchases.



Governor Jerry Brown views the latest plug-in electric vehicles at DRIVE THE DREAM.

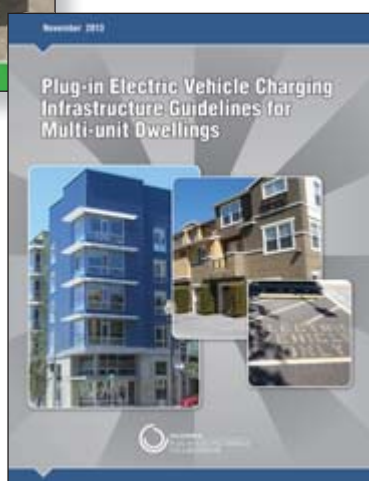
In his remarks before an audience of more than 150 guests, Governor Brown celebrated the variety of PEVs on display and announced that he would sign important legislation for PEV rebates and incentives (AB 8 and AB 359) to ensure their success in the marketplace. His signature on those bills underscores the Brown Administration's continued effort to bring 1.5 million electric vehicles and infrastructure online by 2025.

DRIVE THE DREAM was funded by a U.S. Department of Energy (DOE) grant secured by the Collaborative in coordination with the Bay Area Air Quality Management District to increase private sector commitments to workplace charging and PEVs.

PEVC Working Groups Focus on Key Topics

Workplace Charging

Workplace charging fills a critical gap in PEV infrastructure needs by extending electric miles, building range confidence and creating second 'PEV showrooms' that help increase sales and technology adoption among employees. The Collaborative released *Amping Up California Workplaces: 20 case studies on plug-in electric vehicle charging at work* and decision guides to help employers and employees understand the benefits of workplace charging, the challenges, solutions and costs.



Multi-unit Dwellings

Nearly 30 percent of Californians live in multi-unit dwellings, including apartments, condominiums, duplexes, townhomes, mobile homes and manufactured homes. The Collaborative developed the *Plug-in Electric Vehicle Charging Infrastructure Guidelines for Multi-unit Dwellings* and other resources for property owners, managers and residents. The guides offer details on charger installation and address potential solutions to the challenges that can occur.

Reaching Out to Stakeholders

The Collaborative members or staff attended or supported the following events and meetings in 2013.

PEV Financing Workshop - San Francisco, Feb 1: Experts from multiple sectors help state leaders formulate creative ideas for effective PEV financing mechanisms.

Community PEV Readiness Meeting - Knoxville, Tenn., May 1: This meeting was the culmination of U.S. DOE's national PEV Readiness grants and an opportunity for the Collaborative to connect with organizations outside California.

Drive Oregon, EV Roadmap 6 - Portland, Ore., July 31: Staff participated on a West Coast PEV Infrastructure panel. This annual meeting brings together Oregon's early adopters and international experts to inform transportation electrification efforts across the nation.

Plug-in 2013 - San Diego, Oct. 1-3: Staff participated on a panel focused on PEV readiness and Collaborative priorities and work products. This is the premier national PEV conference in the country.

Coast-to-Coast Conference on E-Mobility - Sacramento, Oct. 30: The Collaborative joined with our counterparts in the Netherlands to co-host a meeting and sign an agreement to share lessons learned and best practices to move the PEV market forward.

EVS27 - Barcelona, Spain, Nov. 17-20: Staff participated on a panel and in several dialogue sessions at the 27th Annual Electric Vehicle Symposium, the largest global electric vehicle event of the year.

PEV Collaborative 2013 Resources

Workplace Charging

<http://www.pevcollaborative.org/workplace-charging>

Amping Up California Workplaces: 20 case studies on plug-in electric vehicle charging at work

Workplace Charging Best Practices (in partnership with CALSTART)

Decision Guides:

- Why Employers Should Install Workplace Charging for Plug-in Electric Vehicles
- Employers' Guide to Installing Workplace Charging for Plug-in Electric Vehicles
- How Can I Get Plug-in Electric Vehicle Charging at My Workplace?

Multi-unit Dwelling Charging

<http://www.pevcollaborative.org/MuD>

Plug-in Electric Vehicle Charging Infrastructure Guidelines for Multi-unit Dwellings

Decision Guides:

- Plug-in Electric Vehicle Charging Guide for Multi-unit Dwelling Property Owners, Managers and Homeowners Associations
- Plug-in Electric Vehicle Charging Guide for Residents of Multi-unit Dwellings



www.pevcollaborative.org