



SacEV News Flash

Cost of Ownership Survey

I encourage you to participate in a short survey conducted by a CARB summer intern regarding the total cost of ownership of plug-in vehicles.

My name is Gaby Uribe. I'm an undergraduate intern working at the California Air Resources Board this summer! My research project is on the total cost of ownership (TCO) of ZEVs. As part of my project, I thought it would be enlightening to gather vehicle model, insurance cost, and maintenance cost information from the drivers of the plug-in vehicles using the City Hall parking garage.

It would help me greatly if you could spend 2 minutes to fill out this quick [survey](#) so I can gather data to discover any trends in costs of owning ZEVs. It will take little time to complete and I appreciate any responses you provide. Responses will be accepted until August 16.

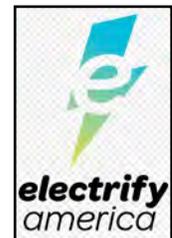
If interested in my ZEVTCO report, at the end of August, contact me (gabriella.uribe@arb.a.gov).

Thank you for your time!
Best, Gaby Uribe

Regional News

DC Fast Charging Update

The Sacramento region has **over 50 DC Fast Charging EV refueling plazas** already installed or under construction. Many of the newer chargers are over 100 kW. There is a 350kW charger that will go live in the next few months. You'll be able to find it near Target in the Rocklin Commons. Tesla Model 3 now works with CHAdeMO via an adaptor from the Tesla Store. The free "[Drive The ARC](#)" [DC Fast Charging program](#) is still up and running with over 30 stations participating.



Click here [Electrify America](#), for the latest information on their fast charge locations.

2018 VEHICLE SALES

MARKET TRENDS BY POWERTRAIN TYPE

Gasoline Vehicles 81.7%

Electric Vehicles 4.6%

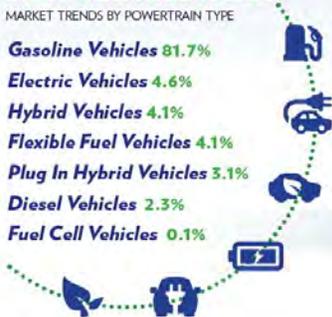
Hybrid Vehicles 4.1%

Flexible Fuel Vehicles 4.1%

Plug In Hybrid Vehicles 3.1%

Diesel Vehicles 2.3%

Fuel Cell Vehicles 0.1%



EV Sales in Sacramento Region

Showing your EV and sharing your electric driving experience with the community is working!

I estimate that there are currently **28,000 EVs on the road in our region**. The California New Car Dealers Association [reported](#) that EVs were **7.8% of new car sales in 2018**. We saw a similar EV uptake rate in the Sacramento region.

The good news keeps on coming. As reported by [Clean Technica](#), the public is taking notice. The Union of [Concerned Scientists](#) and Consumer Reports recently surveyed Americans planning to buy a new car within the next 2 years. Over a third of the respondents said they are definitely planning to, or would consider, buying/leasing an EV for their next purchase. Another 27% would consider one at some point down the road. This is consistent with a recent J.D. Power survey which found 39% were likely to purchase an EV.

Yet two-thirds of consumers in the J.D. Power survey say they have no experience with battery-electric vehicles. These folks can benefit from our EV activities. We have been making a difference in our communities and it's important that we continue doing so.

The UCS / CR survey added clarity on who's considering EVs. Interest in EVs is not limited to high income buyers.

- 39% of respondents who earn more than \$100K a year are considering an EV for their next purchase
- 39% of those with incomes between \$50K to \$99K a year are considering an EV for their next purchase
- 31% of those making under \$50K a year also indicated an interest in purchasing an electric car.

Regional Events

Davis EV Association Meeting Nights

Join the SacEV and Davis EV Associations Wednesday for an EV interest group meetup. Free and open to the public.

Date: August 14, 2018

Time: 6:00pm to 7:30pm

Location: Office of Repower Yolo, 909 Fifth Street, Davis, CA 95616



Agenda:

6:00pm Food is served.

6:05pm Attendee introductions.

6:10pm "Hot topics" (suggestions for future presentations and discussions).

6:20pm Presentations:

*Marco Lemes from SMUD on the Mobi, mobile EV Charger

*Emre Kara from eIQ Mobility on De-risking Fleet Electrification

*Live video "meet and greet" with Seattle EV Association (SEVA) members

7:15pm One-on-one discussions with the speakers and other EV owners.

*Marco Lemes will demonstrate use of the Mobi

*Show and tell for a featured EV

The meeting is free and open to the public. We look forward to seeing you there.

Food and drink will be provided. DEVA is jointly sponsored by Cool Davis and SacEV.

EVs at the Davis Farmers Market

The SacEV and Davis EV Associations (DEVA) display an EV at every Davis Farmers Market. Each display includes an EV, the EV's owner, and one or two helpers who pass out literature and answer questions from shoppers. If you haven't been to the Davis Farmers Market, you are in for a treat.

We typically display on the 3rd Saturday of the month. We are currently looking for August 17 helpers. Contact Robert Poeschel if you can join in at robert.poeschel@gmail.com.

Fun SacEV Activities

EV Cruise to Minden, Nevada

Join us for a short road trip on August 24, 2019, to [Minden, NV](#) just east of Lake Tahoe's south shore, where we will take a tour of the [Bently Heritage Distillery](#).

Inspired by the distilleries of the old world, Bently uses only grains grown on their ranch in Nevada. [Bently Ranch](#) sustainably grows and harvests winter rye, wheat, oats, and barley, which they malt in-house on their malting floor.

Also, check the special [Dangberg Main Street Event Show and Shine Car Show](#) on the same day.

The tour is \$10, or \$20 if you include tasting. Contact Melissa at NevadaEAA@gmail.com to RSVP.



Official Vikingsholm 90th Celebration

Join us for the Tahoe highlight of the summer as we celebrate the 90th birthday of Vikingsholm! Drive down to the castle to enjoy a tour, catered reception with fine wine, followed by a special presentation featuring Dr. Helen Smith. The evening will end with cake and a bubbly toast. **NO TICKETS LEFT!**



This fundraiser celebrates the new Vikingsholm Forever Endowment Fund. Yes...gifts, please!

- Cost:** \$90 per person
Date: August 24, 2019
Time: 5:00pm - 8:00pm
Location: Vikingsholm parking lot on Highway 89 at Emerald Bay, CA
Organizer: Sierra State Parks Foundation
Phone: (530) 583-9911
Website: <https://sierrastateparks.org/>
Tickets: [Click Here](#)

Mammoth Lakes Drive Electric Week

The Mammoth Lakes EAA chapter wants EV owners to provide rides for potential EV buyers. They hope for a variety of EVs. The organizers also need educators and volunteers to help with sign-ups and to perform other tasks. This event was very successful last year. Great attendance is expected again. Raffles and prizes!

Overnight housing will be provided.

- Date:** Sep. 14, 2019
Time: 11:00am to 5:00pm
Where: 6201 Minaret Rd., Mammoth Lakes, CA 93546



Remember check majestic Mammoth Lakes. The year-round adventure land is one of those places that you have to see to believe. Tesla Supercharger and multiple Level 2 EVSEs are available at Mammoth Lakes.

To volunteer, contact Don Condon at condon.don@gmail.com or (510) 467-2197. You can register at [here](#).

Webinars

Drive Electric Week - Event Webinars

Engaging with **Media**

Join us to learn best practices for reaching out to media and learn about the resources the national organizers have to offer.

Tuesday, August 20, 2019, 9:00am-10:00am. [Registration required HERE](#)

Engaging with **Attendees**

Join us to learn about tips and resources for educating attendees about electric vehicles. You will hear the most common questions to expect and suggestions for experts to invite to your event. Plug In America will demonstrate how their PlugStar tool can help attendees browse available EVs, purchase incentives, and charging stations.

Tuesday, August 27, 2019, 9:00am-10:00am. [Registration required HERE](#)



Mobility Data Sharing: Middle Ground Approach

Tuesday, August 20, 10:00am – 11:00am

Speakers:

- **Austin Brown** - Executive Director, Policy Institute for Energy, Environment, and the Economy, UC Davis
- **Paige Pellaton** - Graduate Student Researcher, Policy Institute for Energy, Environment, and the Economy, UC Davis

Dynamic and responsive transportation systems are a core pillar of equitable and sustainable communities. Achieving such systems requires comprehensive mobility data, data which reports the movement of individuals and vehicles. Oversharing and undersharing mobility data are both problematic. We argue for a middle-ground approach.

The webinar is free. Register [here](#).



Power Players: The Women Leading Transportation Electrification

Join us Thursday, August 29, at 10:00am–11:15am (PDT) for this 75-minute webinar. More information to come soon! The webinar is free. Registration information will be sent later.

Battery Innovations to Flight Climate Change

If we are to reverse the dire threat of climate change, we must find ways to reduce the 60% of carbon emissions that come from transportation and the electric grid. Improved battery technology is critical to this effort, enabling electrification of transportation as well more efficient electric grid storage.



Webinar Includes:

- *How high-capacity battery systems are transforming mobility solutions and the grid
- *How improved hardware and software can aggregate and control local energy resources, lowering energy costs
- *What it will take to get to 50% or greater adoption of electric vehicles

August 26, 2019, 1:00pm -2:00pm (PDT). Free Stanford Webinar. Register [here](#)

More SacEV Events Are Coming Up

Check the [SacEV calendar](#) for the latest EV-related activities.

If you've missed a Newsletter and for more information about the Sacramento Electric Auto Association visit our [website](#).

