

# Charged Up



## ELECTRIC VEHICLE ASSOCIATION OF SAN DIEGO (EVAOSD)

An affiliate of the Electric Auto Association (EAA)

2755 Dos Arons Way, Suite A, Vista, CA 92081

Ph: (760) 670-3388 Fax: (760) 266-9505 Email: [EVAOSD.Newsletter@DriveGasFree.com](mailto:EVAOSD.Newsletter@DriveGasFree.com)

Website: [www.evaosd.com](http://www.evaosd.com)

And we're on Facebook (search on EVAOSD)

### Officers:

President: Joseph S. Gottlieb

Vice President: Lloyd Rose

Treasurer: Richard Rodriguez

Secretary: David Crow

Program Chairman: Staff

Newsletter Editor: David Crow

Webmaster: Russ Lemon

Librarian & AV: Lloyd Rose

**Regular Meetings:** Our monthly meeting location is in rotation. Please, check date and location below (No meeting in December)

### Meeting Location, Date and Time:

**Center for Sustainable Energy**

**9325 Sky Park Court, Suite 100**

**San Diego, CA 92123**

**Monday, 26 January 2015, 7:00 P.M.**

**Program: News, Info, and future events**

### Newsletter Topics: Cheap Gas = EV Deals



### More HOV Stickers



### Solar Electric Flyer



### Inside this issue:

- 1 Newsletter Topics
- 2 Message from the President
- 3 Cheap Gas Creates Good EV Prices
- 4 More Green PHEV HOV Stickers
- 4 Solar Electric Flight Trainers
- 5 Local EV Builders and Suppliers
- 6 Subscription

## Message from the President

Hi All,

It's a new year! Which means we have a lot of work to do and need your help. The latest exciting buzz is the Chevy Bolt (yes, a B not a V) talking smack to Tesla. They claim they will go faster, farther, and less expensive than the economy model Tesla has been planning. It's great to see the big guys really taking interest in Tesla. With gas prices down, we will have to work just a little harder, as always, to promote electrification of vehicles.

There is a lot to be excited about like Alcoa investing in a battery company Phinergy that has a too good to be true aluminum and zinc air cells or rapid charging gaining momentum helping alleviate range anxiety and show how you can go pretty far now in a short amount of time. It all keeps adding up to an exciting time, we just have to do our best to keep promoting and showing the benefits to going electric. Oh, and don't forget there are some crazy good lease deals for an electric car. Go take a look!

-Joseph



Chevy Bolt Concept EV – 200 Mile range – possibly available mid-2017

# With Gas Prices Low, Now's The Time To Buy A Plug-In Electric Car

23 January 2015, by Eric Loveday, [www.OutsideEvs.com](http://www.OutsideEvs.com)

Recently, TrueCar issued a press release with this headline statement:

Gasoline price plunge = savings for consumers on alternative fuel vehicles

And that's the truth. As gas prices drop, dealerships find it increasingly difficult to sell fuel efficient vehicles, including those of the plug-in variety. In order to move those vehicle and maintain the current sales level, dealerships often resort to discounting the highly efficient cars, making now the time to buy that plug-in electric vehicle.

"Ford's Focus Electric hatchback, which sells at an average of 16 percent off MSRP, tops January's list of best savings on new vehicles, according to TrueCar, Inc., the negotiation-free car buying and selling platform. The "TrueSavings" monthly report analyzes current transaction prices and identifies opportunities for consumer savings."



John Krafcik, president of TrueCar, explains the situation as follows:

"Fuel savings are not top of mind to many consumers right now, and that makes this a great time to buy a hybrid or electric vehicle. With gasoline prices now averaging just \$2.10 per gallon, and vehicle preferences tied so closely to short-term gasoline prices, automakers are heavily discounting their most fuel-efficient cars to clear inventories."

"Gasoline prices and vehicle type preferences are strongly related, and this relationship is cyclical in nature. Fuel is relatively inexpensive right now, but when the pendulum swings the other way it will make future alternative fuel vehicles more appealing."

Basically, Krafcik is saying that you should be that efficient car now while discounts are available. Once gas prices go back up, you'll pay considerably more for the same car. or, as our title states, "now's the time to buy a plug-in electric car."

Editors Note: These discounts could be especially true for the Chevy Volt (new or used) now that the Generation Two has been unveiled at the the Detroit Auto Show

# Calif. Gov. Brown Signs California Green HOV Sticker Bill – AB 2013

by Christopher Simmons on Mon, 22 Sep 2014, [www.californiannewswire.com](http://www.californiannewswire.com)

SACRAMENTO, Calif. /California Newswire/ — Calif. Governor Jerry Brown has signed into law Assembly Bill (AB) 2013, authored by Assembly member Al Muratsuchi (D-Torrance), which increases the number of green High-Occupancy Vehicle (HOV) lane stickers available for new plug-in hybrid vehicles to 70,000.

“The Green HOV Sticker Program incentivizes California car buyers to buy zero-emission vehicles,” stated Assemblymember Muratsuchi. “This is a great way to clean our air and fight climate change without using tax dollars.”



California has consistently supported efforts to incentivize the purchase of low emission vehicles. In 2010, a new incentive program was created for Transitional Zero-Emission Vehicles (TZEVs), or plug-in hybrids. The new Green HOV Sticker Program was established with an initial cap of 40,000 stickers. However, in May of this year the initial supply of stickers ran out.

Assembly member Muratsuchi has advocated, through both the budget and legislation, to increase the number of stickers available to consumers. Earlier this year, he led efforts to add an additional 15,000 stickers in the transportation budget trailer bill, Senate Bill (SB) 853. Over the course of the past two months, the majority of this increased supply has been exhausted, compounding the need for these additional stickers.

Editors Note: I mention this one because CSE survey shows the Green (PHEV and CNG) HOV sticker to be an important perk. As of 6 January 2015, CARB reports there are still 13,000 available! The issue of White (EV) stickers is unlimited.

## First 20 Sun Flyers Headed to Spartan College

Spartan College of Aeronautics and Technology pens agreement with Aero Electric Aircraft Corp. to first all-electric, solar-powered training aircraft.

20-Jan-2015, EVWORLD.COM

The first two production models of the two-place Sun Flyer solar-powered electric airplane are now slated for delivery to Spartan College of Aeronautics and Technology, located in Tulsa, Oklahoma. Developed in collaboration with PC Aero, based in Germany, and Bye Aviation of Denver, Colorado, the trainer aircraft will be the first delivered to a flight school in North America.



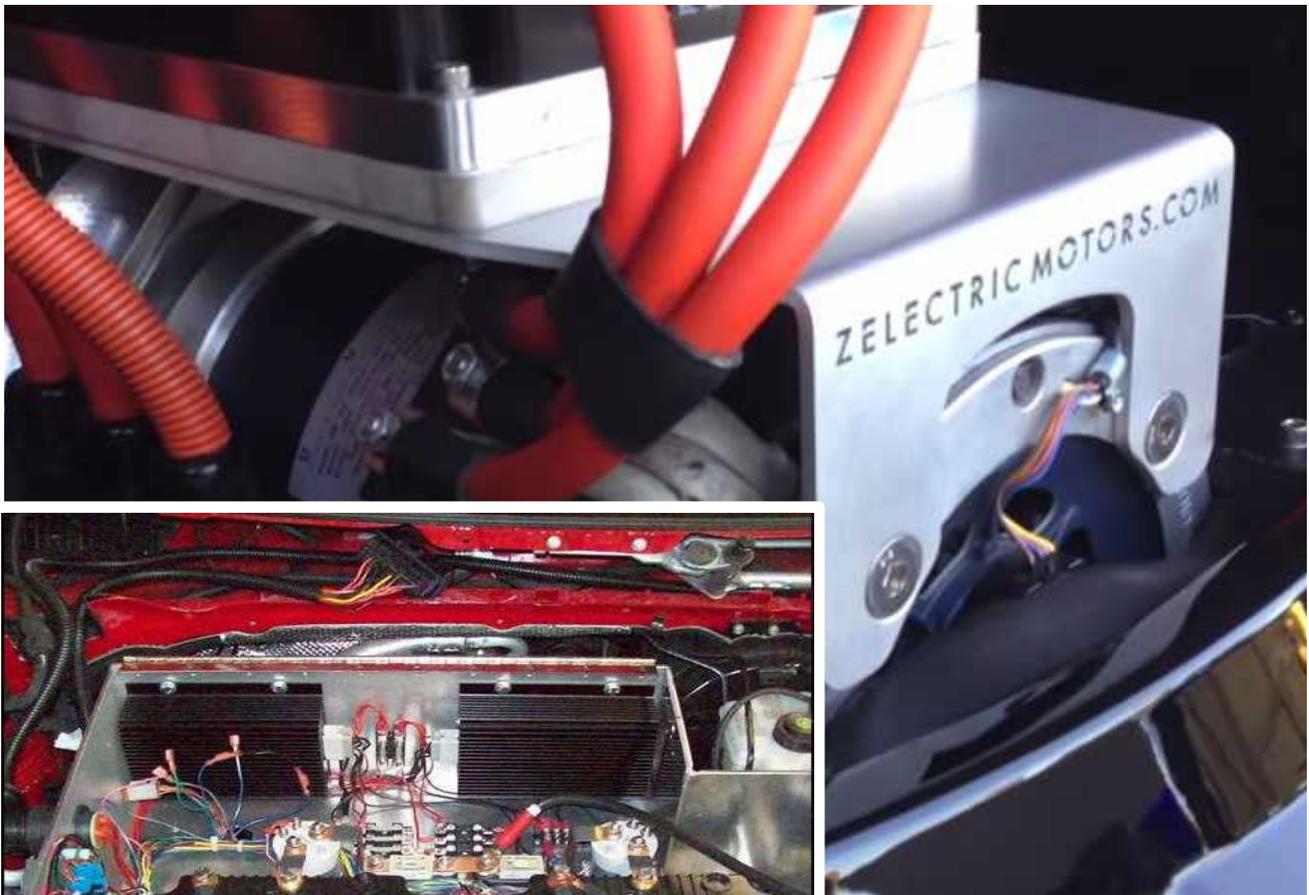
The purpose for introducing an electric flight trainer has more to do with cost than environmental concerns. Bye Aviation's chief, George Bye, estimates the operational costs of a four-place Cessna 172, a popular pilot trainer, at \$73 a hour. The plane itself can cost \$370,000. The two-place Sun Flyer will sell for between \$180-200,000. More impressively, its operating cost could be as low as \$10 a hour, making flight training more accessible to future pilots.

The Sun Flyer, which is being developed out of the single-seat model developed in Germany by PC Aero, is just the first of a number of similar electric trainer aircraft coming out of Europe and Asia. China has already flown two high-wing, two-place, trainer prototypes. Airbus in France is working on a family of electric ducted fan models.

Cited in the CAFE Foundation blog, Spartan College CEO Peter Harris states:

“This agreement signifies our commitment to innovation and to serving the next generation of pilots. Spartan College is honored to be the first training school to formalize our collaboration on a complete training system that will make flight training more modern, accessible and economical than ever before.”

Aero Electric Aircraft Corporation, which is responsible for the development and marketing of the aircraft, says it hopes to start test flight of the two-place trainer in the Fall of 2015.



# Electric Auto Association (EAA) Membership Application Form

Fill out this form, attach a check, money order or use PayPal, in US funds only, payable to 'Electric Auto Association'. CE = Current EVents newsletter

e-CE  \$35 USA & other Countries  \$25 Student  \$25 Senior (>65-USA/Canada only) birth year

paper CE  \$45 USA  \$48 Canada  \$52 World  \$29 Student  \$29 Senior (>65-USA/Canada only)

\$120 (supporting level-1)  \$240 (supporting level-2)  \$500 or more (high voltage) \_\_\_\_\_  do not list my name

I support the \_\_\_\_\_ EAA Chapter (additional chapters, \$10 each) \_\_\_\_\_

(\$10 each ) Additional Chapters or Special interest group (other than the one that comes with the membership)

You can fold this form as indicated and mail it with your payment enclosed. Use tape to seal the form, **on the sides** , before you mail it or send an e-version of this form, through PayPal using <http://electricauto.org/eamembership.html>

New Member  Renewal

Name  email

Mailing address (Apt. #)  Home phone

Mailing City, State & Zip-8  Work phone

Electronic version of Current EVents, paperless only, link sent by email, if your membership was for the e-version, that is what you will receive

Do you own or  Lease an electric vehicle (plug-in)  production  conversion  bicycle  hybrid or  None

please include miles driven and type of vehicle

All information in this application is for the exclusive use of the EAA and not sold or given to any other organization.

**Please identify your primary areas of interest relating to the EAA (check as many as your wish**

- Owner/Driver  Hobby/Builder  Professional/Business  Competition (Rallies, Races, Records)  Plug-in Hybrids
- Environmental/Govt. Regs  Social (Rallies, Shows, Events)  New Technology & Research  Solar & Wind Power
- Promotion & Public Awareness of EVs  Student or General Interest  Electrathon/Bicycle/Scooter/Other

The Electric Auto Association is a non-profit, 501(c)(3) for the promotion of electric vehicles. Your donations are tax deductible and with your membership you will receive the EAA publication, "Current EVents". All information and statistics in this application are for the exclusive use of the EAA and is not sold or given to any other organization or company. Your membership dues include a percentage goes to the EAA Chapter you support for public Electric Vehicle promotion EVents like rallies, shows and EV rides.

Current subscribers have borrowing privileges for the association's video tape and publications library. Subscribing to the newsletter is optional and is not a requirement for membership. EVAOSD meetings are always open to any and all interested parties. New Subscribers, please use this form to register to receive the EVAOSD Newsletter. Current Subscribers, please use this form to send us any change in your details.

Please make check or money order payable to: EAA and reference EVAOSD. Send this form and payment to: Richard Rodriguez, EVAOSD Treasurer; 2755 Dos Aarons Way, Suite A, Vista, CA 92081

EVAoSD Newsletter  
 2755 Dos Aarons Way, Suite A  
 Vista, CA 92081

Address Correction Requested