



ELECTRIC VEHICLE ASSOCIATION OF SAN DIEGO (EVAOSD)

An affiliate of the ELECTRIC AUTO ASSOCIATION (EAA), 2031 Ladera Ct., Carlsbad CA 92009 Ph: 760.753.2949

EVAOSD web site address: www.evaosd.com

Officers:

President	Bill Hammons	San Diego, CA	BHammon1@san.rr.com	858.268.1759
Vice President	Chris Jones	Cardiff by the Sea, CA	chris@servr.com	760.815.4922
Treasurer	Russ Lemon	Carlsbad, CA	Lemon.J.Russell@worldnet.att.net	760.753.2949
Program Chairman	Bill Hammons	San Diego, CA	BHammon1@san.rr.com	858.268.1759
Newsletter Editor	Chris Jones	Cardiff By The Sea, CA	chris@servr.com	760.815.4922
Webmaster	Russ Lemon	Carlsbad, CA	Lemon.J.Russell@worldnet.att.net	760.753.2949
Librarian	Kevin Taylor	Carlsbad, CA	kevin_roger_taylor@yahoo.com	760.804.9189

Regular Meetings: 4th Tuesday of every month (January thru November), at 7:00 pm,
Location: San Diego Regional Transportation Center, at the corner of I-15 and El Cajon Blvd.
Place: In the Autotorium
Next Meeting: Tuesday, February 22, 2005 @ 7 p.m.
1st Subject: "Hybrid owners' choice "Pour IN or PLUG IN" by Jim Bohorquez of Mesa Power Systems
2nd Speaker: Jerry Asher, EAA Board Member Chapter Relations

The President's Message

We started off 2005 charging ahead with greater attendance and Paul showed his new San Diego built EV. We learned that Linda Irish is transferring to Denmark and several visitors were welcomed. Thanks to EVERYbody that helped with the meeting. Brad Waddell has joined the paperless Newsletter List, Linda won the January raffle and Stan Bell made a donation to EVAOSD.

For our February meeting we have a full schedule with an in-depth how-to presentation discussing the EV side of hybrid vehicle and special guest EAA Board Member.

For our presentation the pure EV'er might not find the typical hybrids high on their list. I feel that hybrids can help the EV gain acceptance and improve innovations. And while some seem to think that we should be content driving "state of the art" hybrids others are finding out how to make their cars more EV and less gas dependant. Jim an EVAOSD member is just the guy to let us know what others are doing. Members of the Prius Club of San Diego have been invited to our meeting.

It is an honor to have an EAA Board Member attend our meeting and even better just four days after the Annual EAA Board Meeting. EV Jer's board position is Chapter Relations East, yes that is east. He has San Diego family ties and able to attend while in town. Jerry will be reporting on the Board Meeting and requesting support for the 4th Ever All Chapters Meeting in Austin, TX on April 1, 2005. Last year Keith Vansickle was able to attend the meeting in Vancouver and shared his photos during an EVAOSD meeting. Let us know if you are able to attend and would like to represent San Diego.

I look forward to seeing you at our meeting on Tuesday, February 22, 2005 @ 7p.m. The meeting will be at the RTC (Regional Transportation Center), in the Autotorium located on the southeast corner of Interstate 15 & El Cajon Blvd.

Note: If you arrive late the building may look dark and closed for business. We meet after normal business hours in the "Autotorium" and the public is welcome to attend our meetings.

Bill Hammons, President EVAoSD

The EV Grin

"EV'ers know about the grin that someone has just after driving an EV." Here are some notes for the San Diego EV Community.

Calendar of Events:

2/19 10:00 AM. Annual EAA General (members) meeting Meeting, Palo Alto, CA

2/22 EVAOSD Meeting Pour-In or Plug-In

2/22-24 Clean Heavy Duty Vehicle Conf. La Quinta, CA

3/8-10 Global Alternative Fuels '05 Expo & Forum Berlin

3/11 SDCFC Meeting Transportation & Hydrogen Fuel Developments

3/15-20 51st Greater San Diego Science & Engineering Fair

3/22 EVAOSD Meeting

4/1 4th EVer EAA All Chapters Meeting Austin

4/2-6 EVS 21 Monaco

4/26 EVAOSD Meeting

5/1 EarthFair 2005 San Diego, CA

5/1-4 11th Nat'l Clean Cities Conf. & Expo. Palm Springs, CA

5/15-18 Windpower '05 Conference & Expo. Denver, CO

5/24 EVAOSD Meeting

New date for the Earth Fair 2005... Parade Sing Up

May 1, 2005 Our 16th Annual EarthFair in Balboa Park is the largest free annual environmental fair in the world. EarthFair draws around 60,000 visitors.

So contact Bill Hammons to sign up for the Alternative Fuel Vehicle Parade.

EarthDayWeb.org or call 858-272-7370

Toll Free Connection Annual EAA General (members) Meeting.

The EAA Board has invited us to attend this meeting via telephone. Toll free:888-583-9625

Then dial in the access code 303303#. Please mute your phone as anything from your phone will be broadcast to the meeting.

4th EVer EAA All Chapters Conference is set for 4/1-3/05...

Every year EAA has an All Chapters Conference, this year the location is in Austin, TX.

This is an excellent opportunity to check out the EV community in south Texas. If you know someone in the area share the info.

Greater San Diego Science & Engineering Fair...

Support our students & future Engineers by attending the (High School) S&E Fair March 15-20, 2005.

Bon Voyage to Linda Irish going to Denmark...

As a contributing member of EVAOSD Linda has helped us charge

ahead while keeping us honest with electric engineering. From giving presentations, being Program Chair, charging EV, leading AFV Parade, making signs, solar bike, E-scooter, Th!nk City Demos to introducing veggies to our picnic. Linda has helped us through the years.

The good news is that Linda has offered to send us information from Denmark. She is closer to getting her Tyke than ever before and suggest that she might be able to visit her Th!nk City. Lock the gates she kept her spare key...

Transportation & Hydrogen Fuel Developments...

SDCFC Meeting will be 10 A.M. on March 11, @ Miramar College. This "Clean Cities" group will also be discussing the national conference coming up 5/1 in Palm Springs.

Taking Turns ‘- - -, _ _ _ Messages from our members . . .

Linda Irish reports form Denmark...

I am already in Denmark, riding my bike in 4 inches of snow! A little snow does not stop people from riding their bikes.

There are almost no SUVs in Denmark. It might be the high cost of fuel, or the 180% sales tax on cars!

I might be able to attend the March meeting, depending on how long it takes my residency permit to be approved.

Larry Emerson reports... Finally, Someone Noticed That SUV Loophole.

Sacramento, Calif. - California Assemblyman Joe Nation has sponsored a bill regarding the state tax credits for large sport utility vehicles (SUVs) and for reduced emissions vehicles, as well. This well-known "SUV loophole" exists in both the state and federal tax codes, and when such large trucks and SUVs were utilized primarily by contractors and farmers, there was a justification. Nation's Assembly Bill 848 would eliminate the tax incentives for acquisition and utilization of large SUVs weighing more than 6,000 pounds on the state level. It would also establish a tax credit for the purchase of qualified reduced-emission vehicles in this state, and proposes to pay these incentives with tax revenues raised by denial of the large SUV incentives. This new incentive would authorize a \$1,000 tax credit for each "qualified vehicle", defined as a new Zero Emission Vehicle (ZEV), Partial ZEV (PZEV), or Advanced Technology PZEV (ATPZEV) on a first-come, first-served basis.

Kevin Taylor reports... Phoenix Motorcars development.

Congratulations to the team that defeated Ford!
Phoenix has some good news to come out soon, they will soon have their second car CARB certified. The second car is a 4 seat car and will be CARB certified to about 120 miles. It is with their new Lithium Ion Batteries. The test was done at a State University.

Next milestone, working on a larger lithium battery pack to get 170 miles and a faster charger.

Please go to <http://66.218.37.153/news.htm> to get details.

Russ Lemon reports: States Mull Taxing Drivers By Mile

CORVALLIS, Ore., Feb. 14, 2005

College student Jayson Just commutes an odometer-spinning 2,000 miles a month. As **CBS News Correspondent Sandra Hughes** reports, his monthly gas bill once topped his car payment.

"I was paying about \$500 a month," says Just. So Just bought a fuel efficient hybrid and said goodbye to his gas-guzzling BMW. And what kind of mileage does he get? "The EPA estimate is 60 in the city, 51 on the highway," says Just.

And that saves him almost \$300 a month in gas. It's great for Just but bad for the roads he's driving on, because he also pays a lot less in gasoline taxes which fund highway projects and road repairs. As more and more hybrids hit the road, cash-strapped states are warning of rough roads ahead.

Officials in car-clogged California are so worried they may be considering a replacement for the gas tax altogether, replacing it with something called "[tax by the mile](#)." Seeing tax dollars dwindling, neighboring Oregon has already started road testing the idea. "Drivers will get charged for how many miles they use the roads, and it's as simple as that," says engineer David Kim.

Kim and his team at Oregon State University equipped a test car with a global positioning device to keep track of its mileage. Eventually, every car would need one.

"So, if you drive 10 miles you will pay a certain fee which will be, let's say, one tenth of what someone pays if they drive 100 miles," says Kim.

The new tax would be charged each time you fill up. A computer inside the gas pump would communicate with your car's odometer to calculate how much you owe.

The system could also track how often you drive during rush hour and charge higher fees to discourage peak use. That's an idea that could break the bottleneck on California's freeways.

"We're getting a lot of interest from other states," says Jim Whitty of the Oregon Department of Transportation. "They're watching what we're doing."

"Transportation officials across the country are concerned about what's going to happen with the gas tax revenues."

Privacy advocates say it's more like big brother riding on your bumper, not to mention a disincentive to buy fuel-efficient cars.

"It's not fair for people like me who have to commute, and we don't have any choice but take the freeways," says Just. "We shouldn't have to be taxed."

But tax-by-mile advocates say it may be the only way to ensure that fuel efficiency doesn't prevent smooth sailing down the road.

Other News; San Diego Electric Railway Association has a new exhibit...

For the past 30 years, one of the original Bellingham, Wash., streetcars has been a dining room within the Old Spaghetti Factory. When the Gaslamp Quarter restaurant closed last month, the trolley was auctioned off to electric car buff Sam Judd for about \$15,500. He, in turn, donated it to the San Diego Electric Railway Association for display in its National City Depot museum. That is where this 1917 streetcar is heading tomorrow.

Since the restaurant doesn't have doors or windows large enough to accommodate the streetcar, workers are cutting a hole in the side of the building at 275 Fifth Ave., jacking up the red and white streetcar and rolling it through the opening onto a trailer. From there it will be trucked south to its new home. The send-off should take place between 7 a.m. and 8 a.m. tomorrow "if all goes well," says Jim Price, railway association president.

The streetcar, an original Birney, could eventually house a museum gift shop or cafe. But the railway association's goal is to refurbish it and possibly turn it into an operating South Bay sightseeing trolley. "We have tracks near us on both sides of the depot," Price says. "Anything is doable," he adds. "It's a matter of money." In this case, the dollar figure is daunting. The car was stripped long ago of its operating gear, so restoration would cost between \$100,000 and \$150,000.

Piggly Wiggly stalls a hybrid

AUTOWEEK

February 12, 2005

Ford Motor engineers can laugh about it now, but when the Piggly Wiggly incident occurred, no one was smiling.

The Piggly Wiggly incident is what Ford engineers call the circumstances involving the test of a pre-production Escape Hybrid in the summer of 2003.

In the parking lot of a Piggly Wiggly grocery store in Las Vegas, the SUV wouldn't switch out of electric mode, and engineers were unable to start its gasoline-powered engine.

The engineers discovered that an invisible electric fence, meant to deter shopping cart thefts, interfered with the Escape's electronics.

Pennsylvania Awards \$1 Million to Fund Alternative Fuel Technologies

Source: PR Newswire

[Feb 15, 2005]

Grants will assist in the purchase of hybrid vehicles, help develop a low-speed hydrogen fuel cell utility vehicle, as well as other alternative fuel projects in the state.

HARRISBURG, Pa., Feb. 14 /PRNewswire/ -- On behalf of Pennsylvania Governor Edward G. Rendell, Environmental Secretary Kathleen A. McGinty today awarded more than \$1 million in Alternative Fuel Incentive Grants. The grants leveraged more than \$4.2 million in private funds to purchase hybrid vehicles, install a propane refueling station for vehicles and anti-idling equipment for heavy-duty trucks, support the development of a low-speed hydrogen fuel cell utility vehicle, and finance the demonstration of compressed natural gas and blended fuel in transit buses and vans.

"As fuel costs rise and remain high, the importance of investing in the development and use of alternative fuel technologies increases," Secretary McGinty said. "Embracing alternative fuels not only has an economic advantage in making our state a leader in the development and deployment of new products, but it also has measurable impacts on pollution reduction, energy independence and energy security."

Studies show that alternative fuels are cleaner than conventional fuels, emitting little to no particulate matter, less carbon monoxide and fewer pollutants that contribute to ground-level ozone, or smog.

Alternative fuels include compressed natural gas, liquefied natural gas, liquid propane gas, ethanol, methanol, hydrogen, coal-derived liquid fuels and fuels derived from biological materials. The use of these fuels offers an alternative to conventional transportation fuels that come primarily from petroleum imported from foreign countries, making AFIG even more significant as increasing energy prices become a new reality.

Governor Rendell recently signed into law Act 178 of 2004 to improve the AFIG program by eliminating restrictions on the percentage of grant funds that can support alternative fuel projects. Pennsylvania's AFIG program currently reimburses up to 20 percent of the applicant's eligible costs of an alternative fuel project. The new law will allow DEP to fund projects at higher percentages.

The new law, sponsored by state Sen. Tommy Tomlinson, who was a leader in moving the measure through the General Assembly, also allows DEP to offer a rebate instead of a grant to Commonwealth residents who purchase hybrid electric and alternative fuel vehicles. Hybrid vehicle purchasers can now apply throughout the year, and will be eligible for the rebate as long as funding is available and DEP receives the required information within six months of the purchase. Grants will also be available to fund the construction of alternative refueling stations and advanced technology vehicle research and development.

Act 178 of 2004 also expands the AFIG program to help school districts, transit authorities, local government agencies and nonprofit organizations buy down the added cost to use biodiesel fuel.

For more information on AFIG grants, visit DEP's Web site at <http://www.dep.state.pa.us>, Keyword "Alternative Fuels."

EVAOSD Newsletter Monthly, 6-10 pages, covering San Diego County and Southern California
Subscription rates: \$12.50 per year (\$15 foreign, via sea mail)

EAA Current Events Monthly newsletter of the Electric Auto Association
Subscription rates: \$39 per year (\$45 foreign), includes a subscription to the EVAOSD Newsletter. Please send directly to EAA using form found at membership@eaaev.org

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.

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Please make check or money order payable to: EVAOSD.
Send this form and payment to: Russ Lemon, EVAOSD Treasurer.



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An affiliate of ELECTRIC AUTO ASSOCIATION (EAA)
2031 Ladera Ct., Carlsbad CA 92009 (619) 275.3539