



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	Jim Burns PhD.	San Diego, CA	JBurns@mail.sdsu.edu	619.933.6058
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	Bill Hammons	San Diego, CA	BHammon1@san.rr.com	858.268.1759
Webmaster	Russ Lemon	Carlsbad, CA	Lemon.J.Russell@worldnet.att.net	760.753.2949
Librarian & A/V	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 R.T.C. (Pearson Plus), at 4001 El Cajon Blvd. and Interstate 15
Place: In the Autotorium
Next Meeting: Tuesday, January 24, 2006 @ 7 p.m.
Subject #1: New Vehicles & Technologies Coming in 2006
Speakers: David Cutter of Village Energy & Joe Welsh of Segway of Pacific Beach
Subject #2: EV Confidential (EV1 movie) Trailer Preview, thanks to Kevin Taylor

The President's Message

Happy New Year! As we leave 2005 "The Year of the Hybrid", I am excited to see what 2006 will have to offer in terms of EV transportation. As I look ahead in my calendar for 2006, I see many EVents for our region, nation and the world. EVAOSD would like to be your link to an EV connection as we charge ahead. Your contributions to our newsletter are appreciated and add to our knowledge base.

We will begin the year by discussing new vehicles and technologies that are expected in 2006 and when they will be available. David Cutter & Joe Welsh are distributors they are providing light EV transportation to our region. David has been featured in EVWorld.com and both are prepared to discuss some innovations with new technology.

Additionally, during our January EVAOSD Meeting Kevin Taylor has obtained a video trailer of **EV Confidential**, the EV1 movie that is being previewed during the Sundance Film Festival this month. This is the movie that was discussed last year during a presentation from Paul & Chelsea of DontCrush.com. I have seen the trailer and it is put together in a professional manner which will represent the EV community well.

For our February 28, 2006, Lee Campbell will be presenting his converted S10 EV Pick-up with solar assist for accessory support. Lee is installing batteries in January and he hopes to be on the road gathering information to share during the February meeting.

There is another EV in town as Helen Becker (Clayton's wife) won 10th position in the Ford Lottery to purchase a refurbished EV Ranger. See their note in this newsletter. Several dates are mention in the Calendar of EVents. Some of the dates are EVents that are local other EVents are far away but are mention as news worthy EVents that you might want to follow. Please advise if you are able to attend the 5th EVer EAA Chapters Meeting in Illinois between 5/12-14.

I look forward to seeing you at our meeting on Tuesday, January 24, 2006 @ 7p.m. The meeting will be at the RTC (Regional Transportation Center), [in the autotorium] located on the southwest corner of the main building.

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:

1/20-22 Battery Beach Burnout @ Moroso Motor Sports
– West Palm Beach, Florida - 1st NEDRA EEvent of '06

1/22-26 Transportation Research Board 85th Annual Mtg.
– Washington, D.C.

1/23-28 EV1 Documentary to Premiere @ Sundance Film
Festival "EV Confidential". - Park City, UT

1/24 Plug-in Partners National Campaign Press Conf.

1/24 EVAOSD Meeting – San Diego, CA

2/1-2 SAE Hybrid Vehicle Symposium – San Diego

1/27 San Diego Regional Clean Fuel Coalition Meeting

2/5-8 Nat'l Biodiesel Conference & Expo – San Diego

2/8-11 NAFTC Business Meeting – Washington, D.C.

2/13 Bonnie Rait Concert benefiting Alt-fuel – San Diego

2/20-22 Nat'l Ethanol Conference – Las Vegas, NV

2/22-24 Clean Heavy-duty Vehicles – San Diego, CA

2/25 '06 International Annual EAA Members Meeting
Palo Alto, CA – San Diego connection (888) 583-9625

2/28 EVAOSD Meeting – Lee Campbell EV Conversion

3/28 EVAOSD Meeting - TBD

3/28-4/2 57th Annual Greater San Diego Science &
Engineering Fair – Balboa Park Activity Center

4/7-8 2006 EV Challenge – North Carolina

4/23 17th Earth Fair & AFV Parade - The world' s largest
annual environmental fair and Earth Day Celebration –
produced by volunteers – San Diego, CA

4/25 EVAOSD Meeting - TBD

5/5-10 Clean Cities Congress & Expo; Fueling Clean
Transportation - Phoenix, AZ

5/10-14 18th Annual Tour de Sol – Saratoga Spa State
Park, NY

5/12-14 5th EVer EAA Chapters Conference – Fox Valley
in Chicago/Juliet, Illinois. **EVAOSD representative
needed to report back to our group.**

5/23 EVAOSD Meeting - TBD

"Cars" Is a new movie coming out in June'06. Owen Wilson provides the schnozzarific stylings for a car that learns there's more to life than speed and gas-guzzling. It's a parable! Or maybe not. *June.*

How long does it take to charge an EV? It takes about 3 seconds to push the plug into the outlet. **Warning: If you have absolutely nothing else to do & if you insist on standing over the charger and timing the whole process, it may take longer...**

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

Clayton Becker reports on a new factory EV experience...

We are all aware that some EV Ranger pick-up trucks escaped the crusher. DontCrush.com and others made a fuss against crushing the Ranger EV and the complaint was sufficient to save some 1999 – 2001 models of this factory built EV. Ford like a kitten flinging milk off its paw has distanced itself from anything to do with Ranger EV. Blue Sky Motors has taken over.

How has Blue Sky been doing? “Pretty good,” says Clayton. Previous leasers of the EV Ranger were allowed to enter a lottery to win one chance to buy a used and reconditioned EV Ranger. A 10th lottery position was won by my wife Helen and we started the paperwork in November. After paying \$6,000 plus tax, license and shipping from Sacramento to San Diego we received our EV Ranger in December. So Helen is back to driving an EV and we are pleased with the 75 mile range between charging.

Thanks to Blue Sky Motors, Inc., DontCrush.com and everybody that helped along the way.
C.D. Becker

Greg Newhouse invites EVAOSD Members to attend SDRCF Meeting ...

January 27, 2006, San Diego Regional Clean Fuels Coalition welcomes EVAOSD members to attend their General Membership Meeting. The meeting will cover Carl Moyer Program Grants, ATCM compliance testing for bio-diesel fuel blends, ride/drive a Chevy 4X4 FCV and coalition activities for 2006. This is an excellent networking opportunity for the transportation enthusiast within our area.

17th Annual Earth Fair and AFV Parade is set for Sunday, April 23, 2006...

The world' s largest annual environmental fair and Earth Day Celebration— produced by volunteers is taking place in San Diego at Balboa Park. This event is free to participate in or to attend. Bill Hammons is managing the parade and accepting Entry Forms for the AFV Parade and/or the AFV Alley Exhibit Area.

Membership update...

Last Year the EAA lost some records with a computer disk crash. If you are an EAA member, send Russ Lemon [Lemon.J.Russell@ATT.net] an e-mail or ask him to check your records after the January Meeting for a records check. If you are donating to pay for a mailed copy of our monthly newsletter, please check the expiration date. If it is incorrect, please let Russ Lemon know so a correction can be made. If you are not receiving our electronic newsletter and would like to, please let Russ Lemon know. The latest newsletters are posted on our web site [<http://home.att.net/~NCSDCA/EVAoSD/>].

Abran Quevedo is setting up an EV Conversion Workshop this summer...

Approvals are still being processed however, after Abran successful EV conversion of a 1980 Cabriolet this past summer in Turlock, CA he is working on setting up a Workshop in Encinitas this summer. For more information on the Turlock Workshop go to:

http://search.hp.netscape.com/hp/boomframe.jsp?query=Turlock+EV+Conversion&page=1&offset=0&result_url=redir%3Fsrc%3Dwebsearch%26requestId%3D4a09b09c208c0c24%26clickedItemRank%3D1%26userQuery%3DTurlock%2BEV%2BConversion%26clickedItemURN%3Dhttp%253A%252F%252Fwww.greencarcongress.com%252F2005%252F07%252Fturlock_ev_conv.html%26invocationType%3D%26fromPage%3DHPPavTop%26amp%3BampTest%3D1&remove_url=http%3A%2F%2Fwww.greencarcongress.com%2F2005%2F07%2Fturlock_ev_conv.html

[Chevron plans to test market ethanol in CA...](#)

Chevron, which produces about one-fifth of California's gasoline, plans to expand the number of E85 filling stations to gauge the Golden State's demand for the blend. Currently, only three E85 stations are operational in the state. *Source: Chevron plans test of market for ethanol, Los Angeles Times*

[California regulators approve landmark solar-power plan...](#)

With one eco-tastic vote, California is set to become a global clean-energy leader: Yesterday, the state's energy regulators approved about \$3 billion in subsidies to promote solar power. Rebates will be paid to residential and business utility customers to encourage installation of enough rooftop solar-power systems by 2017 to generate 3,000 megawatts of electricity -- enough to power about 2.2 million homes, and the equivalent of six new power plants. The 3-1 vote by the California Public Utilities Commission is a major victory for Gov. Arnold Schwarzenegger (R), who took the issue to the PUC after his "Million Solar Roofs" plan died in the state legislature last year amid partisan squabbling. Said one delighted clean-energy activist, "We have a big, bold, meaningful solar program that's going to reduce costs and make this more than just a boutique technology for millionaires and backward hippies."

straight to the source: [The Mercury News](#), Paul Rogers, 13 Jan 2006

straight to the source: [Los Angeles Times](#), Elizabeth Douglass, 13 Jan 2006

get the backstory, in Gristmill: [Sunrise from the West](#)

[Village Energy](#) View: A commitment to clean energy would reduce pollution, create millions of high tech jobs, diversify our energy sources, add to global energy security and save billions of dollars. A much-needed transition to solar, wind power and other renewable energy in every region of the world holds the promise of a better future for us, our children and future generations.

Throughout space there is energy...



Dave Cutter

Village Energy / Pleiades-Enterprises / New Energy News



[5th EVer Electric Auto Associations Chapters Conference](#)

Hosted by Fox Valley EAA, Friday – Sunday, May 12 - 14, 2006, Todd "Electric Blue" Dore, Chairman – [EVAOSD representative needed to attend this EEvent in the Chicago area.](#)

This EEvent will host every aspect of EV transportation in the area from daily comminuting to solar sprints. Discussing batteries, motors, charging stations, including hybrids and plug-in's.

Plug-in Partners National Campaign Press Conference...

A national initiative to encourage automakers to produce plug-in hybrid vehicles. Tuesday, January 24 9:30 a.m.-10:30 a.m.; National Press Club Holeman Lounge; Washington, D.C. **Watch this event for 50+ utility companies to sign an individual \$1,000 incentive to encourage plug-in HEV.**

International Annual EAA Membership Meeting on Saturday, February 25, 2006, is as close as your **telephone**. For the connection to the 9 AM, EAA Meeting call (888) 583-9625 and enter code 303303. You will be able to listen to the entire meeting and give your comments as well.

Mileage estimates likely to decline under EPA's proposed new system...

The U.S. EPA has proposed new standards for calculating auto fuel-economy ratings, expected to reduce by 5 to 30 percent the mileage estimates in window stickers on new cars and trucks. Ouch. It's the first ratings overhaul since 1985, intended to reflect changes in driving conditions (e.g., more stop-and-go traffic) and technology (e.g., more fuel-eating air-conditioners). The city-driving mileage estimates for hybrids -- including Toyota's hot-selling Prius, which gets a 60-mile-per-gallon estimate under the current system -- are likely to shrink an especially dramatic 20 to 30 percent. Environmental groups are voicing support for the proposal, but are disappointed that the new estimates won't be used when determining manufacturers' compliance with Corporate Average Fuel Economy standards -- and thus won't lead to real fuel efficiency gains. The proposed standards are open for 60 days of public comment and expected to take effect with 2008 model-year vehicles.

straight to the source: [Detroit Free Press](#), Justin Hyde, 11 Jan 2006

straight to the source: [The New York Times](#), Micheline Maynard, 11 Jan 2006

Jim Stack reports that two three-wheel EV are coming to the San Diego market...

I had 2 very interesting contacts with EV vehicles this week. Both Twike and Myersmotors contacted me this week. Each makes a freeway capable 3 wheeled pure electric vehicle.

First I was contacted by the makers of the Twike 3 wheeled EV. They are getting US approval later this year and wanted to know how could sell and service them in AZ.

Earlier today I was called by Dana Myers at Myersmotors. I had invited them to show off a Sparrow Classic at the Mens Luxury Toy show here in Phoenix later this year. He said they have all the bugs out and are ready to start pushing the Sparrows.

Who Killed the Electric Car - January Update

by Chris Paine
(1/5/2006)



Happy New Year! Here's the latest from your favorite electric car movie with its newly shortened title "Who Killed the Electric Car?" We have two pieces of great news to share. First, our documentary was accepted to premiere at the 2006 Su... ([more](#))

Additional EVAOSD news items will be listed on the internet version of the January Newsletter starting on page 7 at [evaosd.com](#).

Myers Motors Announces NmG Pricing Program; page 7 & 8
168 MPH Formula EV X-01; story & photo page 8

Battery Beach Burnout Details Announced; page 8 & 9
e-Spyder EV on pages 9 & 10

EVAOSD Newsletter Monthly, 6 pages, covering San Diego County and Southern California
Subscription rates: \$12.50 per year (\$15 foreign, via sea mail) Additional newsletter items can be found on the E-newsletter at evaosd.com.

EAA Current Events *Bi-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.

New Subscribers, please use this form to register to receive the EVAOSD Newsletter.
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(Please print clearly.)

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Address 2 _____

City _____ State _____ Zip _____

Home Phone (optional) (_____) _____ - _____

Work Phone (optional) (_____) _____ - _____

Cell Phone (optional) (_____) _____ - _____

Email address _____

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

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Continuation from page 5;

Myers Motors Announces NmG Pricing Program

Source: Myers Motors Press Release
(12/15/2005)

TALLMADGE, OH-Myers Motors LLC unveiled a pricing program as revolutionary as its three-wheel electric vehicle, the NmG.

"We were very careful pricing this vehicle," said Dana Myers, president of Myers Motors. "While there are other electric vehicles available at high prices, we resisted the urge to jack up our price to their levels, even though we are confident we have the nation's best electric-powered vehicle."



As the final pricing decision was made, Myers Motors put the buyer and the technology first. "Many people have shown interest in buying our vehicle at any price, but we felt we had to set a price making the NmG an economically prudent choice," Myers explains. "Also, our reasonable price enables more people to drive the NmG, reaffirming in a very tangible way our commitment to start the revolution towards 'No more gas' travel."

Under the program, Myers Motors offers the NmG at three pricing levels:

\$24,900! Brand New Vehicle with less than 300 miles (Myers Motors drives the vehicle's initial miles, ensuring every NmG starts off with a balanced battery pack that has been properly broken in for longer life and better performance).

\$22,500! New vehicle with "ambassador agreement." Buyers purchasing an NmG at this very attractive price agree to help spread the valuable Myers Motors message by:

- Allowing 3-inch high "MyersMotors.com" lettering on both sides of the vehicle for one year.
- Handing literature to the many people who will approach them with questions and comments about their vehicle.
- Being a host for three events in their city by allowing their vehicle to be available for test rides and demonstrations.
- Providing feedback to Myers Motors on how it can help power the electric vehicle transformation, our country needs. This feedback will include comments on vehicle performance, people's reactions, or the names of people and companies interested in owning an NmG.

\$19,900! Evaluation vehicles (3) with less than 3000 miles each. Vehicles have been upgraded to brand new specifications, with some battery wear.

\$18,900! Pre-owned vehicles (2) with less than 4000 miles on them. Vehicles have been upgraded to brand new

specifications, with some battery wear.

The single-passenger, three-wheeled NmG has outstanding acceleration, can reach speeds of 70 mph and has a range of 30 miles between charges. A unique driving experience is gained through the vehicle's low center of gravity and its power being delivered via the single rear wheel. For more information about the NmG, contact Brad Hirsch of Myers Motors at 330-630-3768, ext. 3306 or go to www.MyersMotors.com.

Myers Motors' team of workers proudly handbuilds each of these "vehicles of the future" using old-fashioned American quality and pride. The vehicles are built at Myers Motors' production facility in Tallmadge, Ohio, a small community near Akron.

168MPH Formula EV X-01

Source: John Neff / Autoblog.com
(1/5/2006)

John Neff [posted](#) some excellent pictures and information about this electric formula racer that's on display at the L.A. Auto Show.

According to his blog entry, the car belongs to the Japan EV Club and is sponsored by Yokohama tires. The oomph comes from Panasonic NiMH batteries coupled to twin ADC XP-1227A motors via dual 1,000A Zilla motor controllers, endowing the car with over 280 Hp and a top speed of 168Mph.



The L.A. Auto Show is running until January 15th, 2006.

Battery Beach Burnout Details Announced

by Shawn Waggoner
(12/12/2005)

Well at long last, the schedule for the Battery Beach Burnout is locked in and up to date on the website. We have been working with the track management at Moroso and they have been an absolute pleasure to work with. They have been amazingly supportive of the event and are looking forward to what these electric cars can do! A big 'thanks' to Moroso for all the support.

I know Matt Graham shared the story from this past weekend out at the track and the feedback we got, but wait till they get invaded by all of the EVs! Matt has updated the competitor's page with the folks that have registered so far. If you haven't let us know you are going to be here, please drop us a line and let us know: race@batterybeach.com As for the schedule, due to trying to accommodate all of the events that we plan to hold, we have had to move the drag race to Friday night (January 20th) instead of Saturday night.

Saturday will be the Show and Shine, Auto-cross and first ever Scooter-cross!

eSnooper

Classic

eSnooper

New

eSpyder is a custom built zero emissions electric car. Steve Heckeroth designed and built the propulsion systems used in the first electric Spydery (1994). The Classic frame is reinforced tubular steel and the body is fiberglass. The New unibody is steel.

[Owners Gallery](#)

Incentives:

- Stop paying high gas prices
- Receive local, state, and federal tax credits
- Drive in the car pool lane alone
- Reduce the amount of gas that you burn

eSpyder.org is a non-profit association of individuals and businesses, technical and non-technical, who are dedicated to the development of the eSpyder.

For more information about eSpydery, please e-mail us at info@espyder.org.

If you own an electric Spyder, please e-mail the details and pictures to us at owners@espyder.org.