

Charged Up



ELECTRIC VEHICLE ASSOCIATION OF SAN DIEGO (EVAOSD)

An affiliate of the Electric Auto Association (EAA)

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Treasurer: Lloyd Rose

Program Chairman: Joseph S. Gottlieb

Newsletter Editor: Staff

Webmaster: Russ Lemon

Librarian & AV: Lloyd Rose

Regular Meetings: Our meetings times are changing. For this summer we are on the 4th monday of the month.

Location: California Center for Sustainable Energy
8690 Balboa Ave., Suite 100 · San Diego, CA 92123

Place: Main Conference Room

Next Meeting: Monday, Apr. 26, 2010 @ 7:00 p.m.

Program: General Topics

We are still on the move!

This month is at the CCSE.

THE DATE HAS CHANGES FOR THIS MONTH! MONDAY, APRIL 26.

Presidents Rant:

I got a recent email from a friend after I sent a note saying I signed up for a Nissan Leaf. They called me a big auto production line type guy and that he was going to keep on converting for ever. It wasn't meant to be a sad note, but it made me realize the rift is coming.

There are those that believe "Big Auto" can do no right. I think no matter how many electric cars come from big auto, they will never be happy. I admit there is an allure to the grassroots, almost underground, tight EV community that we have formed.

One of my fears is what I saw happen to the Prius folks. They were considered pioneers, ahead of their time, they held a prestigious place in the auto industry with their unique cars. Then the years went on the hundreds of thousands of priuses (priui?) hit the roads and they lost their uniqueness. Now we are finally seeing the electric car make another attempt at the forefront and who knows if it will hold. If it does, where will we stand?

We are the Electric Vehicle Association Of San Diego. That won't change, but our push for how we spread the word on electric cars might. Maybe we swing to promote newer technologies to go into electric cars. Maybe we become modifiers

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that maximize our electric cars to perform better. Maybe we just meet and discuss the old days of fighting for clean air and being gas free. I think we have a few more years of fighting and I am still standing my ground...

There will always be a place for the converter, DIY (Do It Yourself), I want my car MY way folks. I will be one of them. I just know that my ultimate personal goal is to keep pushing the concept of the most efficient, good for everyone, transportation concepts around. No matter built by hand or by line.

If someone invented a car that ran on love, I would support that too. (happy earth day greenies!)

From the desk of Tom:

2010 Year of the Leaf - Tom Dulaney

The Nissan Leaf has been getting a lot of TV time lately with the roll out of the new EV campaign "We make them better" which started running nationally during the Winter Olympics earlier this year. Nissan's ads for the vehicle so far have been very general, focusing mostly on the brand.



Some specific features not yet mentioned in the ads include, being able to turn on the heater or A/C remotely from an iPhone while the vehicle is still connected to the charger, so the vehicle is at the correct interior temperature when you arrive to unplug the charger and drive off, saving the battery power for the road. Hertz has signed on to offer the Leaf to rental customers as part of its fleet called "The Green Collection". With a manufacturer's suggested retail price (MSRP) of \$32,780, then the \$5,000 California rebate, in addition to the tax credits, the Leaf is being hailed as the first affordable EV. The 24-kilowatt-hour lithium-ion battery pack sits under the floor, placing the battery mass low in the vehicle where it won't intrude on interior space. The batteries' placement will also give the car better handling than if they were placed in the rear. Nissan says the battery pack can

be recharged in about eight hours on 220-volt household current. Or, an optional quick charger will bring it up to 80 percent capacity in just 30 minutes. The cost of "filling up" a Leaf is expected to be under \$3.

From the Treasurer:

I knew that every car company would need to get on the band wagon with electric vehicles but didn't expect them to be so slow to respond to vehicles like the Nissan Leaf and others. VW is just now announcing its plans for their "Golf" vehicle to have an electric version. Why did they wait so long? Please see the following article.

Golf will be VW's first electric car Automotive News Europe -- April 21, 2010

VW hopes a battery-powered Golf will help it achieve leadership in electric mobility.

VW which is aiming for leadership in electric cars, will launch a battery-powered version of its best-seller, the Golf, as its first EV in 2013, a German press agency reported. The move is a U-turn because previously VW said its first electric vehicle would be the upcoming Up minicar.

VW will launch an electric Golf first to help it corner the electric market ahead of rival carmaker, company insiders told the Deutsche Presse Agentur.

The automaker believes it will be able to sell more electric Golfs than electric Up cars, so it makes sense for the Golf to be launched first, especially because of the high cost of developing electric vehicles.

Last year, VW sold 164,500 Golfs globally, according to company figures.

VW to be market leader in hybrid and electric cars by 2018 with a market share of 3 percent, CEO Martin Winterkorn said in March.

"We will take the hybrid out of its niche status with our high-volume models. In the future, the heart of the brand will also beat with electricity," Winterkorn said in a statement.

VW will debut a test fleet of 500 electric Golfs next year.

VW has launched its Touareg gasoline-electric hybrid SUV at the Geneva auto show last month. The company said that the Jetta hybrid will debut in August 2012, followed a year later by the Passat hybrid and then the Golf hybrid in October 2013.



The VW Up!
Photos: VW

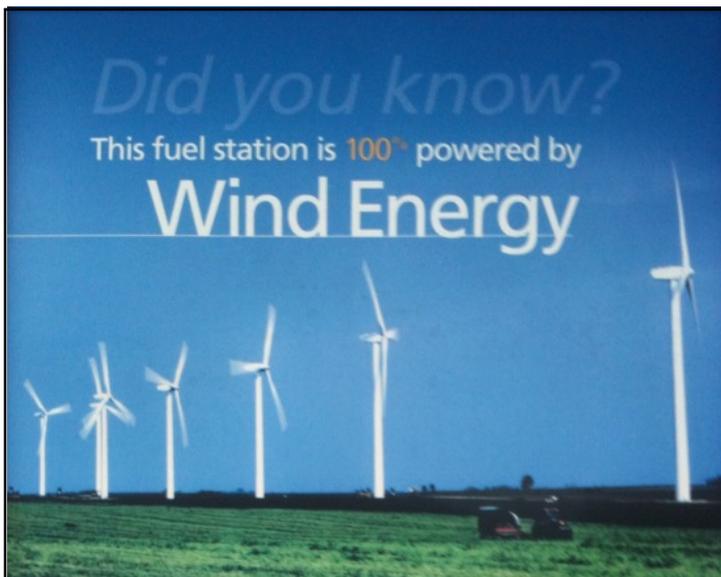


More San Diego Fame:

Here is Flo from the Progressive Automotive X-Prize with our own Michael Kadie's 65 Shelby Cobra Coupe. Michael's car was accepted into the competition and is an excellent contender!

Check out his interview with her on YouTube.

Just type in: flo ssi racing into the YouTube search box.



Just Plain Funny:

I was filling up my gas guzzler and saw this sign posted on the side of the building. I started laughing about all the things wrong with this image. The fact that the gas station I was at dispenses 1,000,000 gallons of fuel per year, the amount of energy the slushie machine in the store uses compared to my car, or the guy riding an old lawn mower mowing a few thousand acres with no emissions controls...

HISTORY Corner by Al Hodges



Electric car timeline

1832-1839

Robert Anderson invents the first electric carriage powered by primary cells.

1835

Thomas Davenport is credited with building the first practical electric vehicle: a small locomotive.

1891

William Morrison builds the first successful electric automobile in the USA.

1900

The electric automobile is in its heyday. 28% of the 4,192 cars produced in the United States are powered by electricity.

Electric autos represent about one third of all cars found on the roads of New York City, Boston and Chicago.

1897

The Pope Manufacturing Company of Connecticut becomes the first large-scale American electric automobile manufacturer.

Many new automobiles found their first commercial application as New York taxis.

Despite their relatively slow speed, they did not have the vibration, smell, and noise associated with gasoline cars.

1899

Thomas Alva Edison begins to create a long-lasting, powerful battery.

He makes some improvements in the alkaline battery.

1920

While gasoline-powered cars increase in popularity, electric cars cease to be a viable commercial product.

1912

Charles Kettering invents the electric self-starter, eliminating crank-starting and making gasoline vehicles practical for all.

1908

Henry Ford introduces the mass-produced and gasoline-powered Model T, which have a profound effect on the USA market.



1970

Concerns about the price of oil and a growing environmental movement result in renewed interests in electric cars.

1972

Victor Wouk builds the first full-powered, full-size hybrid vehicle for the 1970 Federal Clean Car Incentive Program.

1988

Roger Smith, CEO of General Motors, agrees to fund research efforts to build a practical consumer electric car.

1997

Toyota unveils the Prius, the world's first mass-produced and marketed hybrid car. About 18,000 units are sold during the first year.

2009

The American Recovery and Reinvestment Act of 2009 allocates \$2 billion for development of electric vehicle batteries.

2008

Barack Obama says he will push to have one million plug-in hybrid and electric vehicles on America's roads by 2015.

1997-2000

A few thousand all-electric cars (such as Honda's EV Plus, G.M.'s EV1 and Toyota's RAV4 EV) are produced by big car manufacturers.



Earth Day Photos



EV CONVERSION WORKSHOP
(ONE DAY MINI-COURSE)



Description: The workshop will go over the basics of a Gas to Electric Vehicle conversion with a focus on the EV sub-systems needed for a do-it-yourself conversion. Instruction will include hands-on activities on dynamic EV mock-up platforms. In addition, previously converted EV case study models will be available for test rides.

Date: Saturday, April 24th 2010
Time: 9:00 AM to 1:00 PM
Cost: \$60.00 (includes materials and lunch)
Location: Kick Gas Co-Op, 815 University Ave, San Diego CA
Website: <http://kick-gas-club-electric-conversions.com/>
Contact: quevedo@cox.net



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) _____

[] (\$10each) 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.

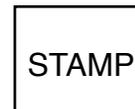
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Please make check or money order payable to: EAA and reference EVAOSD. Send this form and payment to: Lloyd Rose, EVAOSD Treasurer; 2755 Dos Aarons Way, Suite A, Vista, CA 92081

EVAoSD Newsletter

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