

Charged Up



ELECTRIC VEHICLE ASSOCIATION OF SAN DIEGO (EVAOSD)

An affiliate of the Electric Auto Association (EAA)

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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 transition. Please, check date and location below (No meeting in December)

Meeting Location, Date and Time:

Ev West

1790-105 La Costa Meadows Dr.

San Marcos, CA 92078

23 July 2014, Wednesday 6 P.M.

Program: Club Party and future events

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Newsletter Topics:

500,000 EVs in the World



EV Charging Rates



EVAOSD Summer Party



Message from the President

by Joseph Gottlieb

Holy Smokes! We're important again! We have been contacted by BMW to help them plan/attend a big Event to promote their new electric car. We are getting contacted by a lot of manufacturers/dealers to help. The ship is turning around and we are now the ones being contacted instead of us having to contact them. This momentum needs to keep moving forward. Seeing a headline in the mainstream media about VW making an electric bug and a potential Fiat/VW merger to bring more electric cars to market is another great sign we are here to stay. Less nay-saying, less golf cart jokes (thanks Elon!). These are all great things we need to capitalize on. We need more people to help with logistics, cars, ideas on venues, etc. So get involved in whatever way you can. We really need you.

-Joseph



BMW i3 Battery Electric Vehicle

Worldwide PHEV And EV Sales Top 500,000

GAS 2.0, Steve Hanley, 11 July 2014

According to the Plug-In Hybrid & Electric Vehicle Research Center at UC Davis, global sales of PHEV's and EV's worldwide passed the 500,000 mark at the end of June, 2014. The US accounts for about 45% of that total, while Japan is second, China third and the Netherlands fourth in total EV sales.

Worldwide, the Nissan LEAF is the best selling model, with over 120,000 units on the road. The Chevy Volt and its European cousin, the Vauxhall Ampera, are next at 77,000 units, while the Toyota Prius plug-in hybrid has recorded 60,000 sales and the unofficial count of the Tesla Model S is over 38,500 cars sold.

Within the US, the Chevy Volt is the sales leader with 63,167 of its PHEV cars on the road, but the Nissan LEAF is catching up quickly at 54,858 sales. Lately, the LEAF has been outselling the Volt on a monthly basis.

President Obama has set a goal of 1,000,000 electrics on US roads by the end of 2015, and while that goal still seems unrealistic, industry analysts expect there will be over a million such vehicles on the road worldwide by the end of 2016.

So what do all these numbers mean? Basically, that there is a growing acceptance of PHEV and EV vehicles in the market place, and a growing number of EV and PHEV offerings means growing sales. If the pace of sales is less than some might wish for, still the number has grown dramatically since these cars first became available less than four years ago.



Nissan Leaf's

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Figures for the US market are impacted by significant federal and state tax incentives, although those programs are always subject to change for political reasons. Currently the State of Georgia is thinking of repealing the \$5000 tax credit it offers its citizens who buy an electric vehicle, and as such it has one of the highest EV sales rates.

The bottom line is that a half million PHEV and EV cars are on the road today that weren't on the road 4 years ago. How many will be on the road 4 years from now is anyone's guess, but the trend is certainly heading in the right direction. Electric cars ushered in the age of the automobile, but their popularity faded as other means of transportation – primarily the gasoline engine – offered customers more convenience at lower cost. Now the script is flipped, and electric cars are now the vehicles people turn to to save money.

The future of PHEV and EV's will depend on how quickly the infrastructure to support them becomes available, whether another technology like hydrogen fuel cells captures the public's attention or whether some exciting new breakthrough in battery technology occurs. The final chapter of this story is a long way from being written.



New BMW i3 cars at U.S. Distribution Point

Editors Note: Several San Diego Dealers have electric cars ready to test drive: Nissan Leaf, FIAT 500e, Ford Focus EV, Toyota RAV4 EV, BMW i3, Mitsubishi iMIEV, Chevy Volt, Cadillac ELR, Ford C-max Energi, Toyota Prius Plug-in, and many other PHEV.

... and the Harley Davidson Livewire is in San Diego, 24-26 July!

Benchmark reveals 25 electric utilities across 14 states offering electric vehicle rates and tariffs to boost customer engagement

www.northeast-group.com (DC-based market intelligence firm)

WASHINGTON, July 16, 2014 /Nassau News Live/ — Electric vehicle (EV) sales have roughly doubled every year for the past three years in the United States. Electric utilities are beginning to do their part to enable EV growth by offering new tariff and rate structures tailored specifically for EV owners. There are currently 25 utilities across 14 states offering EV tariffs, including 8 of the largest 15 utilities. Regulators are also taking action and Minnesota recently became the first state to mandate that electric utilities offer EV tariffs, according to the fourth annual benchmark study published today by Northeast Group, LLC.

“In the currently shifting landscape, utilities are finding it increasingly important to better engage with their customers. A key part of this is new customer offerings such as electric vehicle tariffs,” said Ben Gardner, president of Northeast Group. “EV owners tend to be more engaged customers and it is critical that utilities are providing them with new rate options for their EVs.”

EV rates typically give steeper discounts at night and during other off-peak hours. Across the 14 states with EV tariffs, the average equivalent “price per gallon” was \$0.75. Without EV-specific tariffs, the US Department of Energy calculated that the cost of an “eGallon” was \$1.42. The average cost of gasoline in these states was \$3.70.



Nissan Leaf and Chevy Volts Plugged in at Home

“EV owners are an increasingly important focus for utilities,” added Gardner. “On average, they consume more electricity — not even counting electricity consumed by the EV — and are more likely to have solar panels installed at their home. EV tariffs that offer overall lower prices while encouraging off-peak charging are a great way to engage these customers.” Northeast Group found that 95 of the 100 largest utilities in the US had EV-specific information on their websites for customer engagement purposes.

Utilities that still do not offer special EV rates can make new rate offerings part of broader customer engagement efforts. These broader customer engagement efforts may include social media, mobile apps and new customer offerings.

Northeast Group’s benchmark found that in total, over 21 million utility customers across 25 electric utilities in 14 states had access to EV tariffs in the US. This number is set to grow over the coming years as EV sales grow and regulators begin encouraging EV tariffs.



Mitsubishi i-MiEV



BMW i3

EVAOSD Summer EV Party
6 - 8 P.M., Wednesday, July 23, 2014
At
EV West
1790-105 La Costa Meadows Dr.
San Marcos, CA 92078
(third office building back from street)

EV West is hosting our summer party at their work shop. Food and Drinks provided, so, show up hungry. There will be excellent late afternoon San Diego weather and lots of Electric vehicles on display. Bring your family and friends!

Please RSVP to Dave Crow (Club Secretary) at deekcrow@yahoo.com



FOR SALE



1978 Electra King NEV
Cruise Speed: 20 MPH
Street Legal and registered
Currently running on AGM batteries
Full pack of replacement
Lithium cells included in deal.
Lithium range: 20 Miles

\$3,500 or best offer.
Contact Bob at:
2bobv@cox.net
On Craig's List, "Inland Empire"



City 2

Electric Run-About



AVAILABLE COLORS: white, gray, yellow, maroon
AC Motor 72V
Six 12v Deep Cycle Lead Acid Batteries (Trojan)
Range: 30 miles
Approximate re-charge: 4–5 hours
Overall length: 8 feet, 10 inches
Width: 4 feet, 10 inches
Curb weight: 1,900 pounds
Transmission: automatic with reverse
Sevcon controller
Brakes: front disc, rear shoe
4-wheel MacPherson Strut independent suspension
Leather seats
Alpine Stereo Radio
Electric windows

Distributed by Bud Hulst

Go-Electric EV — San Marcos, CA
 go-electricev@roadrunner.com
760.612.5022
Made in South Korea
 by CT&T Co., Inc.

THE "CITY 2" IS A LOW SPEED VEHICLE

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
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Address Correction Requested