

# NORTH BAY CHAPTER



**Electric Auto Association**  
Promoting Electric Vehicles Since 1967

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## THIS MONTH'S NBEAA MEETING

### December NBEAA Meeting

Saturday, December 14th, 10 AM – Noon; ***THUNDERSTRUCK MOTORS, 2985 Dutton, unit 3 in Santa Rosa.***

Program: Jo Dempsey and Steve Williams will present the features of their Fiat 500e and open up the car for everyone to check out. If time permits, we'll have an open discussion on EV accessories.

## FUTURE NBEAA MEETINGS

### FUTURE MEETINGS:

January 11<sup>th</sup>: What will change with Sonoma Clean Power and how will we interact with it.

February 8<sup>th</sup>: NEDRA (National Electric Drag Racing Association)

## UPCOMING EV EVENTS:

Cool the Earth EV Road Rally: The Golden Gate Chapter of the EAA is working with Cool the Earth ([www.cooltheearth.org](http://www.cooltheearth.org)) to organize an EV Road Rally in April, 2014. The rally will start at Crissy Field in San Francisco and finish at Bardessono in Yountville. There will be stops along the way to promote EVs. They are looking for volunteers to drive in the rally and to help organize charging during the rally. Please let me know if you are interested in helping out in any way.

West Coast Electric Car Guest Drive Tour: Has been postponed until next spring

## CHAPTER NEWS

The National EAA website has an excellent video on its home page called "Ecology Action-Plug-in Electric Vehicles Web Version". I think that it would be a good tool for showing people who are interested in what electric vehicles are available and testimonials from their owners.

## EV NEWS

### Recargo and SemaConnect Introduce Open System for Public EV Charging:

Called "Pay with PlugShare" this app allows you to find a charging station, review the charging fees before starting to charge, pay with your credit card and monitor your charging. There are no subscription fees, no RFID cards, no prepaid balance commitments and you activate the charging from you smartphone so you do not have to make a phone call. For more details go to <http://www.recargo.com/news>

### Chargepoint Offers Purchase Plan for Public and Private Charging Stations with Fixed Monthly Payments:

ChargePoint has introduced the "Net+ Purchase Plan", an all-inclusive purchase program with no upfront costs. In partnership with Key Equipment Finance, the Net+ Purchase Plan lets Charging Stations owners know what their costs will be with fixed monthly lease payments. For public charging stations, Charge Point will operate the charging station and credit the station owner with the fees collected from people using the charging station. For more information go to: <http://www.chargepoint.com/products.php>

### Chargepoint Lists the Top 10 Cities for EVs:

Chargepoint has published which U.S. cities are the most active EV cities. They based their analysis on registered plug-in EVs and charging locations and weighted their analysis by population. The results are: 1. San Francisco Bay Area 2. Seattle 3. San Diego 4. Austin 5. Honolulu 6. Los Angeles 7. Portland 8. Detroit 9. Washington D.C. 10. Boston

### The Electric Power Research Institute has published a Study on the Total Cost of Vehicle Ownership:

The Electric Power Research Institute (EPRI) has done a study comparing the total cost of owning a conventional vehicle compared to owning an electric vehicle. The study assumed the life of the vehicles was 150,000 miles. The study compared a Volt and a LEAF to a comparable conventional vehicle. For vehicles that were purchased, as opposed to financed or leased, the total cost of operating a LEAF for 150,000 miles came to \$37,288, a Volt was \$44,176 while the cost of a comparable conventional vehicle is \$44,949. Of course there were many other assumptions made to reach these conclusions. If you want to read the entire study, go to: <http://www.epri.com/abstracts/Pages/ProductAbstract.aspx?ProductId=000000003002001728>

### Road & Track Recognizes the Fiat 500e as Best Electric Car of 2013:

The award is the latest in a recent string of honors accorded the 500e, having been named best electric vehicle by Spanish-language automotive radio show, Ruedas ESPN, and "top electric vehicle" in the Northwest Automotive Press Association's "Drive Revolution" green car competition.

## EV NEWS (CONT.)

### Markets are Emerging for Replacement Hybrid Car Batteries:

Toyota has produced over 4 million hybrid cars. Now, many manufacturers are producing hybrids as well as plug-in vehicles. As time passes, the batteries in these cars will need to be replaced. In many of the batteries, most of the cells will still be good. However the whole battery pack loses its usefulness when a few of the cells degrade. Thus, companies are getting into the business of acquiring hybrid vehicle batteries and refurbishing them by replacing the bad cells in the pack. One such company is Dorman Products. They offer a 3 year warranty on the refurbished battery packs. To get more information, go to: <http://www.dormanhybrid.com/> Look for plug-in vehicle refurbished batteries as those vehicles age and require new batteries.

### A Guidebook for Planning Trips in a LEAF:

Elvet Moore has written and published an excellent book for planning trips in a LEAF where you need more charge than what you get in your overnight charge at home. It is called "Planning Trips In Your Nissan Leaf". It covers various modes of charging, driving efficiency considerations and planning your trip. It also has examples of trips that the author has taken. He is offering the book to EAA members for \$10 each for a single book, \$7 each for 10 books or \$5 each for 20 books or more. You can place an order by sending an email to: [elvetnancy@sbcglobal.net](mailto:elvetnancy@sbcglobal.net). Include your Name, Address, Number of books being ordered and your phone number. I'll have a sample book at the December meeting.

## UPDATE ON NEW CHARGING STATIONS IN THE NORTH BAY

### Chargepoint Network Grows to 50,000 Users:

Chargepoint, recently, announced that it has signed up its 50,000<sup>th</sup> user. Chargepoint has over 14,000 charging stations and Chargepoint users have driven over 64 million miles in their plug-in vehicles. This equates to saving over 2.6 million gallons of gas and over 20 million pounds of CO2 emissions. According to the Electric Drive Transportation Association 10,060 plug-in vehicles were sold in the United States in October, representing a 24 percent increase over the previous month and 43 percent increase over October of 2012. There have now been 148,854 plug-in vehicles sold nationwide.

### New Charging Stations in the North Bay:

- (1) Level II J1772 at Dry Creek Vineyards, 3770 Lambert Bridge Road in Healdsburg (not networked)
- (1) NEMA 14-30 at Case Ranch Inn, 7446 Poplar Dr. in Forestville (not networked)
- (1) Level II J1772 at Enriquez Estate Wines, 3062 Old Adobe Rd in Petaluma (not networked)
- (3) Level II J1772 + (3) Level 1 at Zenk Parking Lot, 913 Reichert Ave in Novato (ChargePoint)