

NORTH BAY CHAPTER



Electric Auto Association
Promoting Electric Vehicles Since 1967

JANUARY 2013 EDITION

HAPPY NEW YEAR!!

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THIS MONTH'S NBEAA MEETING

JANUARY NBEAA Meeting

Saturday, January 12th, 10 AM – Noon; the Blue Sky Center, 6791 Sebastopol Ave, Sebastopol

Dave Head, Sonoma County Transportation Manager, will speak on installing Level II public charging stations in Sonoma County and working with the State on developing EV standards for signage and other public issues for EVs.

FUTURE NBEAA MEETINGS

FUTURE MEETINGS:

February 9th: Ken Coker and Brian Hall will describe upgrading the batteries in Ken's Ranger EV to lithium

March 9th: Rhonda Berney will give a Show & Tell on her Honda Fit EV

April 13th: Chris Jones will describe the upgrades to his Mustang.

UPCOMING EV EVENTS:

VEHICLE-TO-GRID WORKSHOP

On February 5th, the California Independent System Operator (ISO) is sponsoring a workshop on creating a comprehensive plan, or roadmap, of tasks needed to enable managed charging and vehicle-to-grid capability. The topics of the workshop will include Research & Technology, Policy & Markets and Demonstrations. The roadmap is expected to include tasks that lead to the ability to describe the potential in minimizing both costs and carbon from Smart Charging (allowing vehicle owners and utilities to coordinate timing and demand response of charging) and V2G. If you are planning to attend the workshop at the ISO, please RSVP to Pam McCready at pmccready@caiso.com by Friday, February 1. I (Alan) will be driving there if anyone wants to attend and carpool.

UPCOMING EV EVENTS:

Electric Vehicles at the Consumer Electronics Show: January 8-11 in Las Vegas <http://www.cesweb.org/>

The Electric Drive Transportation Association is partnering with the International Consumer Electronics show to create the GoElectricDrive TechZone at the International CES to feature electric drive technology.

For those of you who want to travel to Europe:

World Electric Vehicle Summit 2013: May 14-16 in Oslo, Norway (2nd annual)
<http://www.informaenergyevents.com/event/ElectricVehicles/sponsorship-exhibiting>

Electric Vehicle Symposium: November 17-20 in Barcelona, Spain (27th annual) <http://www.evs27.org/>

EV NEWS

Public Utilities Report on Impact on the Grid of Charging PEVs

Thanks to EAA member, Farzad Ghazzagh, for sending this report to me.

In July of 2011, the CPUC issued a “decision” requiring the three California investor owned utilities (IOU) to submit a report describing how the charging of PEVs has impacted the grid. The three utilities are PG&E, Southern California Edison and San Diego Gas & Electric. The report was submitted to the CPUC on December 28, 2012 and included 15 months of data. The three utilities estimated that there were 17,000 PEVs in their service territories as of October 2012. All three utilities reported that the costs to upgrade their distribution systems as a result the additional loads from PEVs have been minimal, to date. Each utility had developed a plan to deal with the added requirements due to charging PEVs and reported that their plans adequately dealt with the impact from PEVs. The data showed that PEV customers on Time Of Use rates, charged mainly during off peak hours while the average residential customer’s highest demand was during peak hours. The report is 111 pages long so I can’t summarize all of the information, here. If anyone would like a copy, please email me and I will forward a copy to you.

The following article is from Venture Beat, dated December 17, 2012

460 Miles per Gallon of Gasoline in a Chevy Volt

Two years ago this weekend, Jeff Kaffee took possession of his keys and became the first person to take delivery of a Chevy Volt. Since then, the retired pilot from Parsippany, New Jersey, has put almost 12,000 miles on his range-extended electric car—using just 26.1 gallons of gasoline while doing so. That works out to a lifetime average of about 460 mpg, since most of those miles were covered on grid electricity. His total miles is lower than the average distance covered by most cars, but Kaffee notes that he spends up to half the year in Florida and can fly free—so he does few long-distance road trips. Generally speaking, Kaffee says most of his daily travels fall within the electric range of his 2011 Volt. He pegs that at 38 to 40 miles in the summer, and 30 to 35 miles in colder months, but notes that owners of 2013 Volts have reported higher ranges due to the slightly larger battery pack.

Read more at <http://venturebeat.com/2012/12/17/after-2-years-in-a-chevy-volt-this-guy-is-averaging-460-mpg/#QAx8lo4WU46LwktE.99>

UPDATE ON NEW CHARGING STATIONS IN THE NORTH BAY

SORRY, I HAVE BEEN OUT OF TOWN AND HAVE NOT CHECKED ON THE CHARGER STATUS. WE WILL GET AN UPDATE FROM DAVE HEAD AT THE JANUARY MEETING. THE FOLLOWING IS LAST MONTH'S REPORT:

Still not yet installed, but soon??:

(3) Level II J1772) at the Cinema in Sebastopol (Chargepoint)

(2) Level II (J1772) in Rohnert Park (Chargepoint)

NEW: DC Fast Charger (CHAdeMO) at North Bay Nissan (Ecotality). When operable, it will be available for anyone to use 24/7.

Still to come:

County installed chargers in Petaluma, Santa Rosa, and Windsor. After these are up and running, chargers are planned for Healdsburg, Cloverdale, Guerneville, Doran Park and maybe Sea Ranch.

Note: The City of Santa Rosa charging stations are now pay stations and require a Chargepoint card.