

# NORTH BAY CHAPTER



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

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## THIS MONTH'S NBEAA MEETING

January 10<sup>th</sup> at Thunderstruck Motors, 2985 Dutton Ave, Suite 3, Santa Rosa from 10 AM until noon. Kia Soul EV Show & Tell. (This has not been confirmed as of the time that this newsletter was sent out. I will send an email confirming this Show & Tell or describing an alternative program).

## FUTURE NBEAA MEETINGS

### FUTURE MEETINGS:

February 14<sup>th</sup>: EV charging station etiquette workshop. We'll review the accepted etiquette and design a handout for EV drivers.

March 14<sup>th</sup>: Home Charging Station Installation planning and requirements.

## UPCOMING EV EVENTS:

### National Drive Electric Week:

The National Drive Electric Week Organizing Committee has scheduled NDEW for September 12-20. This includes two weekends so we can choose which weekend we would like to have our event. This year we conflicted with Wings over Wine Country air show but in 2015, that event is on September 26 & 27. I am trying to get funding from Sonoma Clean Power and the Regional Climate Protection Authority to help with publicity. Anyone who would like to help organize next year's event, please contact Mike Newell or myself.

### Programs Committees:

Thank you to all of the volunteers for the three program committees. The three committees are Sonoma Clean Power Committee, Education Committee and the Legislative Committee. Of course, these are in addition to the already established Drive Electric Week Committee. Each of the three new committees has five volunteers who, I'm sure, will provide a lot of energy (no pun intended) for the programs. I'll be contacting each of the volunteers, this week, to start organizing the committees. For any of you who have not volunteered and want to do so, please email a request to [info@nbeaa.org](mailto:info@nbeaa.org).

## UPCOMING EV EVENTS (CONT.):

January 7<sup>th</sup>: Sonoma Clean Power is hosting a “Customer Programs Workshop” from 9:00 AM until 11:00 AM at the Water Agency, 404 Aviation Blvd, Santa Rosa. SCP customers still qualify for all PG&E energy efficiency programs. SCP would like to create additional programs that would serve one or more of the following purposes:

- Reduce greenhouse gas emissions
- Reduce energy consumption for customers
- Stimulate local job development
- Improve customer awareness of Sonoma Clean Power

The suggested pilot programs to achieve these goals are:

1. Community Solar
2. Electric Vehicle Charging Stations
3. Behavioral Energy Efficiency

The purpose of this workshop is for SCP to get feedback and help to prioritize the suggested programs.

## EV NEWS

### Workplace Charging Doubles in Two Years:

As part of its EV Everywhere Workplace Charging Challenge, the U.S. Department of Energy (DoE) recently conducted a survey that found employees of companies with at-work charging are 20 times more likely to drive a plug-in car. The survey--which included all of the companies participating in the Charging Challenge--found that at workplaces where charging stations are provided, one in 73 employees drove a plug-in electric car. That compares to the national average of one in 1,400. The survey also found that 90% of workplace charging stations are utilized. By May of 2014, there were about 4,000 workplace charging stations of which about 3,000 were 240 volt, level 2 units with the balance being 120 volt, Level 1 units.

### ANSI Issues a Progress Report on EV Standards:

The American National Standards Institute (ANSI) Electric Vehicles Standards Panel (EVSP) has published a Progress Report on what the standardization community has done to address the recommendations in EVSP's Standardization Roadmap for Electric Vehicles, which was published in May 2013. “Three and half years ago, the ANSI EVSP took up the challenge of articulating a roadmap of needed areas of standardization that would help foster consumer adoption of electric vehicles in the United States,” said S. Joe Bhatia, ANSI President and CEO. The Progress Report confirms that the standardization community has not resolved the issue of a universal standard for DC Fast Charging. Three different methods are being used by the various EV manufacturers and possibly a fourth will be used by the Chinese.

### Californians Now Buy One Plug-In Vehicle for Every Two Hybrid Vehicles:

Almost 10 percent for vehicle sales in California are either plug-in vehicles or hybrid vehicles. Battery electric vehicles account for 1.5% of sales in California, plug-in hybrids account for 1.7% and conventional hybrids account for 6.4%. The Prius hybrid is the best-selling model among all non-truck passenger vehicles with 70,000 being sold in California in 2013. The growth rate of plug-in vehicles is greater than the growth rate of conventional hybrids and if this trend continues, sales of plug-in vehicles will soon exceed that of conventional hybrids.

## UPDATE ON NEW CHARGING STATIONS IN THE NORTH BAY

### Siemens and Duke Energy Demonstrate Smart-Grid-Capable EVSE:

Duke Energy teamed up with Siemens and Ford in Florida to demonstrate a smart-grid-capable EV charging system. Using a Siemens residential charger and a Ford Fusion Energi PHEV, Duke demonstrated the ability to monitor status, report energy use, and control the EVSE from a local area network and from the cloud. The pilot system allows an EV owner to use a computer, smart phone or tablet to monitor charging status, schedule charge events, and determine the cost of energy consumed. The system also demonstrated the ability to monitor and control the EVSE using OpenADR, a standard that allows utilities to manage grid resources remotely. Using OpenADR or the Siemens Cloud, utilities can help EV owners to take advantage of time-of-use rates, and also manage the load on the grid. By shifting each EV charging event slightly in time, utilities can potentially reduce peak demand.

New Charging Stations. The list, below, shows the new charging stations in Sonoma and Marin Counties. Sorry if I missed one or repeated one. As a reminder, RV parks are a great place to get a charge and can be found almost anywhere.

- (1) Level II (J1772) and (2) 80 Amp Tesla Connectors at Farmhouse Inn, 7871 River Rd, Forestville (free)
- (1) Level II at Charles M. Schultz Museum, 2301 Hardies Lane, Santa Rosa (J1772, free)
- (1) Level II at SOMO Village, 1212 Valley House Dr, Rohnert Park (J1772, Chargepoint)
- (1) Level II at Straus Family Creamery, 1105 Industrial Ave, Ste 200, Petaluma, (J1772, Blink)