

# NORTH BAY CHAPTER



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

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## THIS MONTH'S NBEAA MEETING

July 11<sup>th</sup>: The Sonoma County Government's vehicle fleet has more EVs than any other county government. Dave Worthington, the Sonoma County Fleet Operations Manager, will describe the County's EV program and the status of the State's efforts to develop ADA compliant standards for EV charging stations.

## FUTURE NBEAA MEETINGS

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August 8<sup>th</sup>: How does a hydrogen fuel cell (HFC) car work and how does its performance, efficiency and emissions compare with a battery electric vehicle.

September 12<sup>th</sup>: This is the day before Drive Electric Day. The meeting will consist of final preparations for Drive Electric Day and, if time allows, a review of the WAVE, the EV car rally that took place in June in Europe.

## UPDATE ON NBEAA COMMITTEES:

### National Drive Electric Day:

The National Drive Electric Week Organizing Committee has scheduled NDEW for September 12-20. The date for the Drive Electric Day Santa Rosa is scheduled for Sunday, September 13<sup>th</sup> and will be held in the Coddington Mall parking lot. This event has been the most effective way to influence people to buy or lease an EV. Everyone is invited, in fact, encouraged participate. If you have an EV, you can display it in the Show & Tell. If you don't have an EV then you can help at the NBEAA table or help answer questions from the public. The more proponents we have, the more powerful our message. Please contact Mike Newell ([webmaster@nbeaa.org](mailto:webmaster@nbeaa.org)) if you would like to volunteer to help organize this event.

## EV NEWS

### eMotorWerks and Slingshot Power Offer Bundled Solar Power and EV Charging

EVSE manufacturer, eMotorWerks, has partnered with Slingshot Power to offer a bundled solar power/EV charging package. Customers who buy a solar installation from Slingshot Power will receive a free JuiceBox Pro 40 home charging station. The JuiceBox Pro 40 is a 10 kW EVSE which is small and lightweight and is designed to be quickly removed from its mounting bracket for fixed or portable applications. It has built-in WiFi and can be controlled with a smartphone app. The Pro 40 costs \$599.00 when purchased by itself.

### ChargePoint is Offering a 24 kW DC Fast Charger

ChargePoint has introduced a new EVSE to its line of charging stations. The “Express 100” is a compact, 24 kW DC Fast Charger. ChargePoint’s aim is to make it as affordable as possible for businesses like retail stores, restaurants and convenience stores to install a charging station that would be practical for their customers. This EVSE could add 12 kW for a half hour of charging which is 40-50 miles for most EVs. This would make it worthwhile for an EV driver to plug in while they are shopping. Interested parties need to contact ChargePoint for a quote. Currently, the Express 100 is supplied with a SAE Combo connector. The CHAdeMO connector is not available.

### Nissan and Renault Have Now Sold 250,000 EVs

About 4 ½ years after the first 2011 Nissan LEAF was delivered, Nissan and its French partner, Renault, have sold more than 250,000 electric vehicles, globally. The 250,000<sup>th</sup> EV was a Renault Zoe that was delivered to its owner in Bordeaux, France. The Zoe is a subcompact EV, a little smaller than the LEAF, that, like most of the Renault brand, is not available in the U.S. The new owner turned in his diesel car, which was being penalized by the French government, and took advantage of the bonus offered by the French government to purchase an EV. {Editorial Note: I just returned from driving a Zoe for about 1,800 miles in Europe and really enjoyed the experience}.

### Nissan is Researching a LEAF with Significantly Greater Range

At this month’s annual meeting, Nissan CEO Carlos Ghosn said that Nissan is developing a LEAF battery pack with range that offers a “peace of mind” and “comparative mobility to today’s conventional vehicles.” Though Mr. Ghosn did not specify when this longer range model would be available nor, exactly what the longer range would be, it is anticipated that it would be the 2017 model and a range of somewhere between 150 and 250 miles. This announcement adds Nissan to the list with Tesla, Chevrolet and BMW as manufacturers that have announced that they will offer lower cost vehicle with approximately 200 miles of range in 2017.

### Proterra Electric Bus Manufacturer is Making Progress with Electric Bus Sales

Proterra, the electric bus manufacturer based in Greenville, South Carolina, sees the potential sales for electric buses in the U.S. over the next two years to be approximately \$200 million. This is 5 to 7 times the potential of just a year ago. Currently, Proterra has booked 110 firm orders and has options for 320. Proterra’s buses are now in over a dozen transit districts including the San Joaquin RTD and Foothill Transit in California. Proterra’s buses have logged over 1,000,000 miles.

## EV NEWS (CONT.)

### EVgo's Fast Charging Network Has Doubled In Size In The Past Eight Months

NRG EVgo is, currently, operating more than 350 DC Fast Chargers in 19 areas. An especially noteworthy statistic is that it has 4X as many CHAdeMO and CCS Fast Chargers installed than any other public network. The areas with the most DCFCs are LA, Dallas/Houston, Chicago, Atlanta and Denver. 7 more areas will be coming online before the end of the year.

## UPDATE ON NEW CHARGING STATIONS IN THE NORTH BAY

New Public Charging Stations. The list, below, shows the recently added charging stations in Sonoma and Marin Counties. I apologize if I repeat one from a previous month. Additionally, most RV parks have 240 volt/50 amp outlets that require a mobile charger with a NEMA 14-50 plug. The RV parks charge a fee for using their outlets. Also note that many hotels and motels make a 120 volt outlet available for guests to use for overnight charging.

- (1) Level 2 at The Gables Wine Country Inn, 4257 Petaluma Hill Rd. Santa Rosa (Tesla HPWC)
- (2) Level 2 at MacArthur Place Hotel & Spa, 29 East MacArthur St., Sonoma (J1772) (guests only)
- (4) Level 2 at Enphase Energy, 1420 N. McDowell, Petaluma (J1772) (employees only)
- (1) Level 2 at County of Marin, 1600 Los Gamos, San Rafael (J1772) (ChargePoint)
- (2) Level 2 at Fairfax Parkade, 1942 Sir Francis Drake Blvd, Fairfax (J1772) (ChargePoint)
- (1) Level 2 at Fairfax Town Hall, 142 Bolinas Rd, Fairfax (J1772) (ChargePoint)
- (1) Level 2 at Marin Health And Wellness Campus, 3240 Kerner Blvd, San Rafael (J1772) (ChargePoint)

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