

**Fox Valley Electric Auto Association**

**PO Box 214  
Wheaton, IL 60187-0214**

**Return Service Requested**

## **Sept 2012 FVEAA Newsletter**

**The FVEAA is a Not-For-Profit Illinois Corporation and the Chicago Area Chapter of The Electric Auto Association**

### **Note: Meeting Place!**

#### **Next Meeting**

**September 21, 2012**

**Community Christian Church**

**1635 Emerson Lane, Naperville, Illinois 60540**

**at the intersection of Ogden and Richert Drive in Naperville**

Also called the "Yellow Box." We'll meet again in the little theater west side, 1st floor

**DOORS OPEN 6:30 p.m. MEETING STARTS 7:00 p.m. ENDS 9:15 p.m.**

Directions to Community Christian Church in Naperville:

<http://maps.google.com/maps?q=1635+Emerson+Lane+Naperville+Illinois>

#### **Agenda**

- Call to order
- Welcome
- Committee Reports
- Old business / New Business
- Elections!
- Plug-in Day September 23rd - Dana Moreau
- Program: EATON charging stations

## President's Words

*Bruce Jones*

Hi EVeryone,

This meeting on September 21 will feature annual elections, the National Plug-in Day event, and Eaton charging stations. Last meeting we held nominations for President, Vice President, Secretary and Directors. This Friday the nominations close and we'll hold elections.

Then we'll talk about the NATIONAL PLUG-IN DAY EVENT!! Sunday afternoon September 23rd at CCC from 2:00-5:00 p.m. Special guest Dana Moreau a director of "Revenge of the Electric Car," contacted us about this event and she will be here for the meeting on Friday Sept. 21 to help promote the event.

Plug in America, Sierra Club, and the Electric Auto Association our parent organization once again join forces to create a nationwide observance drawing global attention to the environmental, economic and other benefits of plug-in electric vehicles through simultaneous events staged around the country.

Check it out <http://www.pluginamerica.org/calendar/2012-national-plug-day>

This year over 50 cities will participate. Rich Hirschberg, Dana Moreau, Todd Dore and I have been hard at work the last month planning this, and the FVEAA is going to hold a RALLY at Community Christian Church on September 23rd from 2:00 p.m. to 5:00 p.m.

So far we Nissan, Mitsubishi and other dealerships will be bringing their Leafs and "I" cars respectively along with give-aways. We'll have ride-N-drives, copies of "Revenge" movie for sale, a sound system, local and national newspaper reporters will also be there.

### What can you do??

Everyone bring your electric vehicles, electric bikes, electric motorcycles and we'll have a great time showing them off and promoting electric vehicles. Tell your friends and neighbors, tweet them, put it on facebook and linkedin. We'll have Tesla, Mitsubishi "i," Leaf, Volts, possibly the Fisker Karma, e-motorcycles and a new electric motorcycle vendor "Brammo" coming down from Wisconsin! Speakers include councilman from Naperville, Dana Moreau, the associate producer from the "Revenge of the Electric Car," and possible other dignitaries, reporters and hopefully lots of passers by.

### Sunday September 23rd

1:30 p.m. - 2:00 p.m. Set up (Don't arrive earlier!)

2:00 p.m. - 5:00 p.m. EVents!! Ride-N-Drives

5:00 p.m. Pizza!

Should be a great time so hope everyone can participate.

Sincerely,

Bruce

## Photos

<b>Dennis Doney's Zap Truck</b>	<b>Sam Carnavacciolo's Tesla</b>
---------------------------------	----------------------------------



**Zap!**

**Doc driving Rodney Rooster's Roadster**



**Newcomer Chris Young's excellent S-10 conversion. Beautiful job!**



**Kevin admiring a well done conversion by Chris**



**Another new EV, but not coming to the US**

*Rich Carroll*

Several electric vehicles are made in Europe for their home market, and for various reasons, are not brought to the US. Renault has been mostly out of the US market for almost 30 years, although Renault owns Nissan, who makes the Leaf. Renault has made several fully electric vehicles for several years, most notably the Renault Kangoo, which competes with the Ford Transit Connect, both in a window version for 5 passengers and in a non-window cargo van. Here is a modified version of the Kangoo, with the rear bench seat replaced with two leather comfort seats and other amenities. Note, there is no rear entertainment system, no DVD player, not even an MP3 adapter in back.



Reportedly built with a normal range of up to 110 miles, it uses a 44 kilowatt electric motor and a 22 kilowatt hour lithium ion battery pack. The new "Popemobile" will be used at the Pontiff's summer residence in Castel Gandolfo.



## **Rich's Ramblings**

*Rich Carroll*

The State of Illinois has announced a rebate program for funding the installation of EV charging equipment. This is funded by the Illinois Department of Commerce and Economic Opportunity (DCEO) for EV Charging stations installed in Illinois. Businesses, non-profits and individuals are all eligible. Units installed at residential sites. Here are some of their guidelines:

- May or may not be accessible by the general public
- May or may not require payment of a fee
- Units installed in non-residential sites must be available to multiple EV drivers
- Non-residential sites must comply with the National Environmental Protection Act (NEPA) standards
- Units installed at residential sites may be owned by the property owner or by a third-party business
- There are minimum technology requirements, basically a UL certification, a one year or more warranty, and compliance with National Electrical Code (NEC) article 625. For level II charging, units must have a J1772 connector, and comply with SAE J1772 standards.

- Installations must be done by a licensed, insured electrical contractor
- Has to comply with federal, state, and local zoning and code requirements
- Registration with the map services at US Department of Energies Alternative Fueling Station Locator website is strongly encouraged (but not mandatory) <http://www.afdc.energy.gov/locator/stations/>.
- Following Americans with Disabilities Act (ADA) guidelines is strongly suggested (but not required). <http://www.afdc.energy.gov/locator/stations/>.

What is covered?

- Purchase price of the equipment, including taxes and shipping
- Labor and materials to install the EV charging equipment to a sufficient source of power
- Up to two years of annual service fees for connection and maintenance to a network

What is not covered?

- Cost for repair and replacement for existing charging units
- Costs if the unit is wholly or partly covered by the American Recovery and Reinvestment Act (ARRA) of 2009
- Cost of renewable energy generation equipment
- Costs associated with signage, including pavement striping and stenciling
- Cost of outreach programs
- Cost of purchase, operation, maintenance or repair of electric vehicles

Rebate amounts

- 50% of the project cost, up to \$3,750 per unit for networked charging stations (cellular, wireless, or cable connection to internet for remote communications)
- 50% of the project cost, up to \$3,000 per unit for non-networked stations
- 50% of the project cost, up to \$7,500 per unit for dual networked charging stations (that can charge two EV's simultaneously)
- 50% of the project cost, up to \$6,000 per unit for dual non-networked charging stations (that can charge two EV's simultaneously)
- 50% of the project cost, up to \$49,000 per site for up to 15 units maximum.

Applications must be submitted by December 20, 2012.

If you are submitting an application, please carefully read the all the guidelines and requirements at: <http://www.ildceo.net/NR/rdonlyres/F7442A06-418C-4319-B6CB-201DB86866AB/0/FY13EVIRebateApplicationFinal.doc>

## Meeting Minutes -

Bruce Jones, President opened the meeting at 7:05  
Welcome and introductions

Rich Hirschberg discussed our National Plug-in Day event coming up, and we'll be holding a rally September 23rd.

Nominations were held for next month's elections

President	Bruce Jones
Vice President	Rich Hirschberg
Secretary	David Aarvold
Treasurer	Todd Dore
Directors	Rich Carroll, Ted Lowe, John Emde, Bob Baker

Rich Carroll presented on the Pikes Peak International Hillclimb held August 12th. There was an excellent showing by electric vehicles and a potential domination from Nobuhiro "Monster" Tajima were it not for an electric motor that started to smoke on the preliminary runs. He was beating previous record times by an unprecedented 30%.

(By the way, "Doc" our technical assistant from Community Christian Church used to drive a custom electric car - Rodney Rooster's Roadster, which you'll see in the "photo" section of the newsletter. Cool)  
Nice weather for viewing the electric vehicles.

Thanks to Community Christian Church for letting us meet at the church and plug into their electric outlets!  
Meeting was adjourned at 9:15 p.m.

## Membership Form

*Ted Lowe*

### FVEAA Membership Application Form

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State Zipcode: \_\_\_\_\_

Phone: \_\_\_\_\_ Phone Type: Home \_\_\_ Work \_\_\_ Cell \_\_\_

Email: \_\_\_\_\_

Please check one:    New Member \_\_\_\_\_ Renewal \_\_\_\_\_

How did you hear about the FVEAA ? \_\_\_\_\_

Member Types and Annual Dues (Please circle one)	Newsletter Delivery Types (Please circle one)
---	--

Individual	\$15	No Newsletter	\$0
Family	\$20	Electronic Only	\$0
Business	\$100	Postal Mailed	\$15
Premier Business	\$250	Postal Mailed and Electronic	\$15
Charter Business	\$500		

Total Due from Both Columns:

Please make your check payable to "FVEAA" and postal mail it with this membership application form to:

**FVEAA**

**PO Box 214**

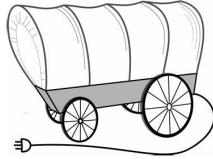
**Wheaton, IL 60187-0214**

Attn: Membership

**FVEAA Business Members**



## Pioneer Conversions, L.L.C.



Your local **WarP** motor dealer  
Custom Electric Vehicle Conversions

[pioneerconversions.com](http://pioneerconversions.com)

12305 S. New Ave., Suite N  
Lemont, IL 60439  
(630) 243-6616

## Netgain Motors, Inc.



NetGain Motors, Inc.

Exclusive worldwide distributor of WarP™, ImPulse™, and TransWarP™ electric motors for use in electric vehicles and electric vehicle conversions.

[www.go-ev.com](http://www.go-ev.com)

900 N State St, Suite 101  
Lockport, IL 60441  
630-243-9100  
Fax: 630-685-4054

## Bob's Hillview Auto



"Good Service For A Long Time"  
Gas · Hybrid · Electric

**847-842-9543**

4c Hillview Dr.  
Lake Barrington, IL 60010 [bobshillviewauto@gmail.com](mailto:bobshillviewauto@gmail.com) Bob Baker  
Owner



## Harris Precision Tools

Robert Harris  
10081 Anderson Ave  
Chicago Ridge, IL 60415  
Phone: 708-422-5808  
Email: [harrisprecision@comcast.net](mailto:harrisprecision@comcast.net)

## Aerotecture International, Inc.

[www.aerotecture.com](http://www.aerotecture.com)



Blending aerodynamics and architecture  
to produce on-site wind energy in urban areas.

3035 N Rockwell St  
Chicago, IL 60618

773-604-4300  
[info@aerotecture.com](mailto:info@aerotecture.com)

## Ecological Products Company, Inc.

Glenn Hunter  
739 N Elmwood  
Oak Park, IL 60302  
Phone: 708-445-0341  
Email: [info@illinoiselectricvehicles.com](mailto:info@illinoiselectricvehicles.com)  
Web: [www.illinoiselectricvehicles.com](http://www.illinoiselectricvehicles.com)

## Plug-In Vehicle Solutions, Inc.

Mike Piscitelli  
1104 Coventry Circle  
Glendale Heights, IL 60139  
Cell: 630-248-8810  
Email: [mpiscitelli@getplugging.com](mailto:mpiscitelli@getplugging.com)  
Web: [www.getplugging.com](http://www.getplugging.com)

**The Solar Electric Vehicle Company**

Bob Kopach  
3100 Dundee Rd  
Northbrook, IL 60062  
Phone: 847-656-8100  
Email: [bob@solarevco.com](mailto:bob@solarevco.com)  
Web: [www.solarevco.com](http://www.solarevco.com)

**Carbon Day and Carbon Day Automotive**

Brian Levin  
Cell 847 903 6652  
Email: [brianl@carboday.com](mailto:brianl@carboday.com)  
Web: [carbodayautomotive.com](http://carbodayautomotive.com)