



## May 2014 FVEAA Newsletter

### Fox Valley Electric Auto Association

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

#### Next Meeting

**May 16, 2014**

#### **Community Christian Church**

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

is at the intersection of Ogden and Rickert Drive in Naperville.

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

Map: [Community Christian Church](#)

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

#### Agenda

- 6:30 Doors Open
- 7:00 Call to Order, Welcome and Introductions
- Committee Reports
- Old Business / New Business
- Presentation: FVEAA EVSE Funding for Kane County Forest Preserve District to Jerry Culp
- Presentation: Sarah Gulezian - Elevate Energy - ComEd's Residential Real-Time Pricing program
- Break -
- Presentation - Daniel Li, Wanxiang Corp. on Electric Vehicles, (Fisker and A123)
- 9:15 Close

#### President's Words

*Bruce Jones*

Hi EVeryone,

#### **Two and Two**

This last month has been full of projects - two charging station projects and two EV conversion projects, not to mention other individual conversion projects in the works by many of our members.

1) 1985 PORSCHE. Last meeting Mike Willuweit gave a great presentation on the 1985 Porsche (that the FVEAA converted from gas to electric back in 2007) and his initial design strategies to convert it from old lead acid batteries to Lithium batteries. Sweet.

2) DODGE DAKOTA. Likewise Ted Lowe also made great strides over the last few weeks on the lead acid to Lithium battery conversion for the Dodge Dakota quad cab pickup truck. Seven FVEAAers attended the initial conversion meeting on Saturday, May 3<sup>rd</sup> and had a great time checking out the truck and dismantling the battery connections.

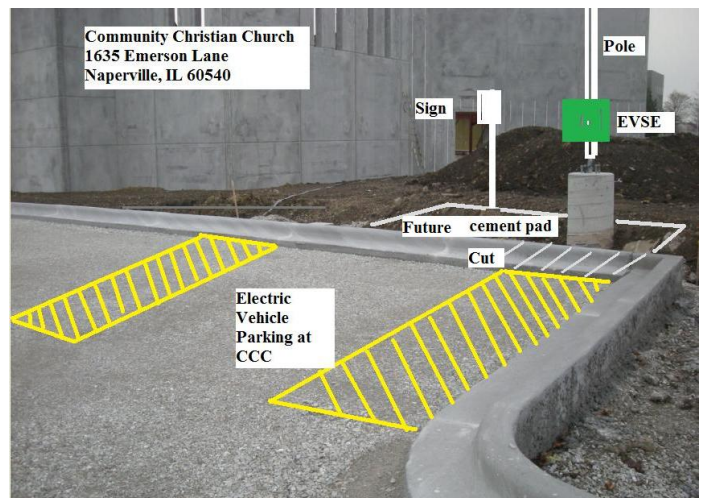


Session #0 Dakota Quad Cab Pickup 5/2/2014

3) KANE COUNTY EVSE. At this next meeting on May 16<sup>th</sup>, we'll present a \$2,500 check to Jerry Culp from the Kane County Forest Preserve District in support of their recent installation of a brand new dual port Chargepoint EVSE at the Fox Valley Ice Arena at 1996 S Kirk Rd #110, Geneva, IL. Thanks to Todd Martin for spearheading this cooperative arrangement for the benefit of EV drivers (and ice skaters!) in the area. The Forest Preserve District will include a sign that states the FVEAA helped fund the station.



FVEAA contributed to this Chargepoint EVSE at the Fox Valley Ice Arena at 1996 S Kirk Rd #110, Geneva, IL.



Rough sketch of future CCC Charging Station location in the new East side parking lot. This is the FVEAA's THANK YOU to Community Christian Church for allowing us to use their little theater for meetings since Feb 2012.

4) CCC EVSE. We're starting the installation process of a single Clipper Creek EVSE (Electric Vehicle Supply Equipment) here at Community Christian Church in the new east parking lot. Soon wires will be pulled from the new electrical room to the base of the first light pole where the EVSE will be mounted. We're working with Continental Electric on the design, and they'll be installing the charging station in June or July. The new sanctuary at CCC will be completed by July or August, and the FVEAA will be supporting that effort for \$3500, as a "thank-you" to the church for letting us use the little theater these last two years for our meetings. Whoa,

time flies - since February 2012.

See the Great presentations this month listed below on the Kane County EVSE, ComEd's Realtime Residential Pricing Program and our featured presentation by Daniel Li of Wanxiang America Corporation on their Electric Vehicle initiatives... e.g. "Fisker"

See you Friday  
Bruce

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Grant Gerke

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**Fox Valley Electric Auto Association**

★★★★★ (6 ratings)

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Automotive

We are the Fox Valley Electric Auto Association (FVEAA). We are the northern Ill. chapter of the Electric Auto

 **104**

### This Month's Presenters

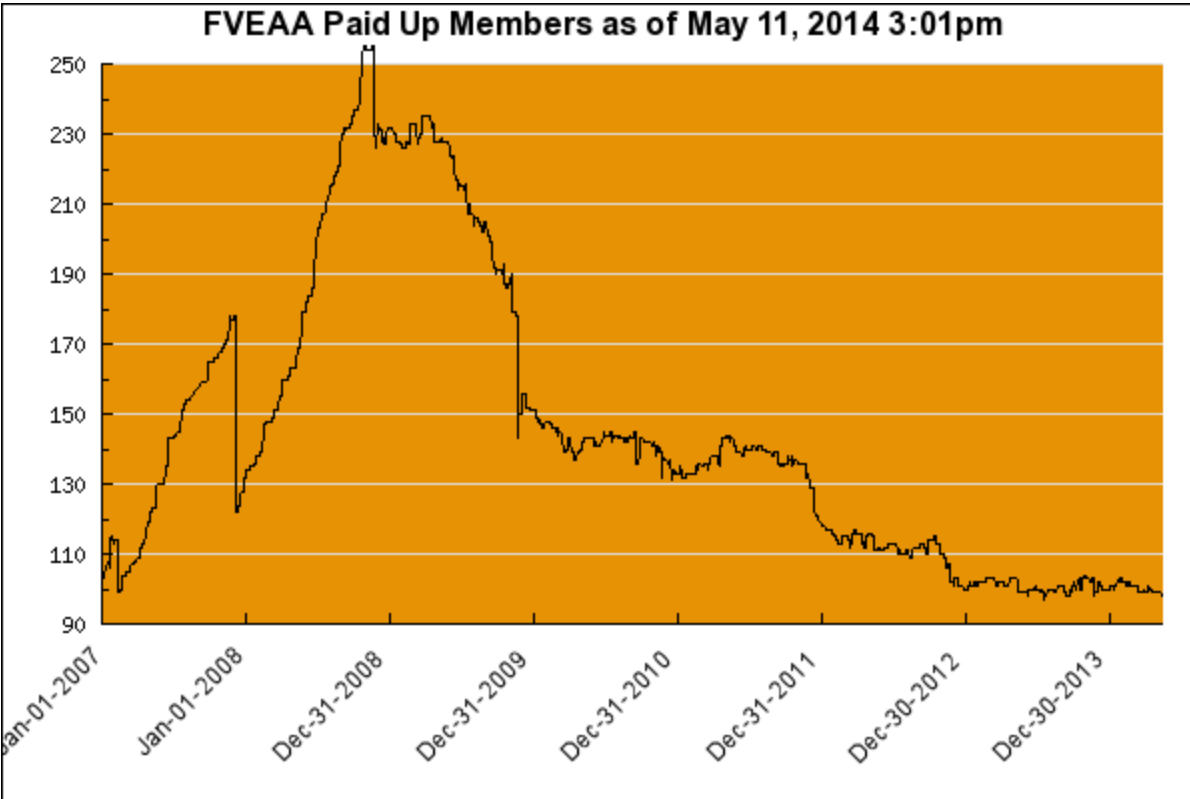
- The presentation of a check to Jerry Culp of the Kane County Forest Preserve District for their CT4000 dual Chargepoint installation at the Fox Valley Ice Arena
- Sarah Gulezian from Elevate Energy, a non profit company that administers the ComEd Residential Real Time Pricing Program
- Daniel Li from Wanxiang America Corporation will talk about Wanxiang Electric Vehicles (noting their recent purchase of bankrupt Fisker, and A123, and their solar panel business.)

**Rich's Ramblings**

Rich Carroll

Let's GROW the FVEAA in 2014!

We currently have 100 paid-up members and here is our membership size over time:



Last Meeting



Mike Willuweit presents his Porsche battery conversion project - lead acid to lithium



Ted Lowe with the Dodge Dakota Quad Cab battery conversion project - lead acid to lithium



**Ted's old Chevy S-10**



**The Dodge Dakota**



**George & Miodrag**



**Rich & Rich**

**Meeting Minutes**

*Grant Gerke*

**OLD BUSINESS:**

The meeting kicked off with questions about the status of the Fox Valley Charging Units via Todd Martin's efforts.

Here are the FVEAA members' favorite meeting presentations from last year

**2013 Favorite Meeting Presentations:**

1. Tom Brunka
  - a. BMS-less LION Batteries and
  - b. DC Electric Motor Brushless
2. David Zygmunt – Tesla Trip around Lake Michigan
3. Debbie Seymour – EVs in Seattle / Song
4. Dana Myers – Electric car manufacturing / NMG
5. Rich Carroll - Pikes Peak EV racers / Picking a car for conversion

6. Jim Schmidt – Electric Boat and shop event
7. Hunter Hamstra – DC Brushless Motors / EVCCONN

#### Committee Reports:

Membership & Social Media: FVEAA has 100 paid members. Visit the Fox Valley Electric Auto Association Facebook page to track the club's latest club project, the Dakota lithiumization.

Finance: We have money.

Outreach: No new events to report except for Aurora Green Fest, see under New Business.

Also, the National Drive Electric Week is September 15-21 this year and we'll be looking for a volunteer to help coordinate the event this year.

#### NEW BUSINESS:

**The 5th Annual Aurora Green Fest** will be held June 14th from 9-4 and there is a Green Car Expo and contact [rebekah.litfin@gmail.com](mailto:rebekah.litfin@gmail.com) if you can bring your electric car to the festival. Held at the Prisco Community Center in McCullough Park, for more information visit, [www.auroragreenfest.com](http://www.auroragreenfest.com)

Tim Moore at Triton College was mentioned in regards to a possible future meeting place for FVEAA. Triton's has a lab.

#### Presentations:

##### PORSCHE

Batavia-based Mike Willuweit provided a preview of his strategy on how to rebuild the Porsche 944. He presented his thinking on his options for battery packs, a GBS or CALB cells, along with his hopes to get about 45-50 miles of range when the car is complete.

##### DODGE DAKOTA QUAD CAB

Ted provided the 2nd presentation on the 2000 Dodge Dakota Quad-cab club project. Overview included that the batteries were shot, has a DC Power raptor controller, zivan 120-V charger and optional battery heaters. The project is currently being held at Ted Lowe's house in Wheaton with the first meeting set for May 3<sup>rd</sup>. Other meeting dates and times to be determined.

##### TESLA - STATE OF THE STATES

The third presentation was by Bruce Jones on Tesla and the various State Efforts to Ban Direct Car Sales.

- Five states have bans - NJ, MD, VA, TX, AZ
- Two states have significant restrictions - CO and GA
- Two states NY and OH have pending legislation to ban direct car sales
- But Connecticut is first state to provide dealer incentives to sell PEVs.
- And there were three state WINS for Tesla to sell directly in MA, MN and NC
- Tesla is looking for a Gigafactory site to build lithium batteries in either NM, NV, Texas or Arizona so now TX governor Rick Perry is doing an about face, saying he is FOR direct car sales like Tesla, but there is no legislation yet backing that up.

The meeting adjourned at 9:30 p.m.

**FVEAA Membership Application Form - Version 2014-01-01**

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 ? \_\_\_\_\_

**Membership Types and Annual Dues** (please circle one):

Individual	\$20
Business	\$100
Premier Business	\$250
Charter Business	\$500

**Newsletter Delivery Type** (please circle one):        No Newsletter        Electronic

Please make checks 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**

<div style="text-align: center;">  </div> <hr style="width: 30%; margin: 10px auto;"/> <p style="text-align: center;">Exclusive worldwide distributor of                  WarP™, ImPulse™, and TransWarP™                  electric motors for use in electric vehicles                  and electric vehicle conversions.</p> <hr style="width: 30%; margin: 10px auto;"/> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <span>WWW.GO-EV.COM</span> <div style="text-align: right;">                         800 S State St. Suite 4                          Lockport, IL 60441                          630.243.9100                     </div> </div>	<div style="text-align: center; border: 1px solid black; padding: 5px; margin-bottom: 10px;">  </div> <p><b>Bob's Hillview Auto</b>                  Bob Baker                  4c Hillview Dr                  Lake Barrington, IL 60010                  Work: 847-842-9543                  Email: bobshillviewauto@gmail.com                  Web: <a href="http://www.bobshillviewauto.com">www.bobshillviewauto.com</a></p>
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