



## November 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

**November 21, 2014**

**Community Christian Church**

**1635 Emerson Lane**

**Naperville, IL 60540**

[Google Map](#)

#### Agenda

- 6:30 Doors Open
- 7:00 Call to Order, Welcome and Introductions
- 7:15 Committee Reports
- 7:20 Old Business / New Business
- 7:30 Presentations by:
  - Rich Hirschberg: “Workplace Charging for Electric Vehicles” and the Green Fleet Conference and Expo
  - Bob Baker: McHenry College McHenry Green Living Expo
- 8:15 Break
- 8:40 Presentation by Mike Willuweit: Progress and Issues Converting 944 Porsche to Lithium
- 9:15 Close

#### President's Words

*Bruce Jones*

Hi EVeryone,

First, thanks to Rich Hirschberg for filling in for me during the last meeting. Kudos to Jim Schmidt for his update on his electric boat, and construction methods, and to George Hiller for presenting on his gorgeous Mazda Miata conversion to electric.

This month Rich Hirschberg and Bob Baker will spend some time discussing a few of the local shows and electric vehicle related expos they attended along with members of the FVEAA.

Next Month on December 19th we'll do something a little different. Bill Jacob's BMW in Naperville is just around the corner from where we usually meet. They are hosting us in December (NOT this week), and will present on the i3, and we'll have Bob Baker start the first of a series of 3 presentations on how to convert a car to electric.

Sincerely,  
Bruce

<https://www.facebook.com/FoxValleyElectricAutoAssociation>

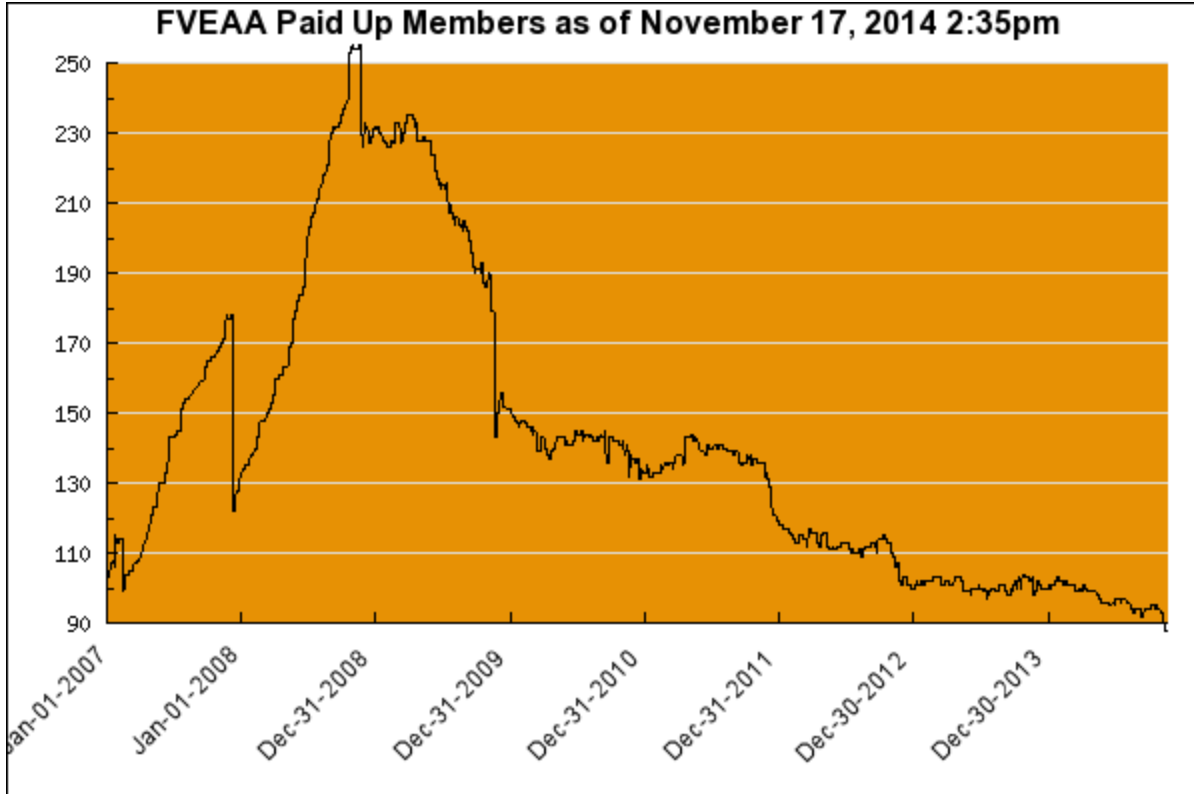
### This Month's Presentations

- Rich Hirschberg will present on two topics based on seminars he recently attended. We'll hear about "Workplace Charging for Electric Vehicles" [www.PlugInChicagoMetro.org](http://www.PlugInChicagoMetro.org) and the "Green Fleet Conference and Expo"
- Bob Baker will then show a few slides of the McHenry County College Green Living Expo on Nov 1, where several of our FVEAA members were in attendance
- Mike Willuweit will talk about progress and issues he ran into on converting his 944 Porsche from lead acid to lithium batteries and how he addressed some pesky electrical issues

### Membership Update

Ted Lowe

We currently have only **85** paid-up members which is very low historically for the FVEAA. We live in a large metro area with 8 million people and EVs are the latest buzz so we should be able to grow the FVEAA! **Please invite your friends, neighbors, family, colleagues**, etc. to FVEAA meetings and Events. Volunteer to attend Events on behalf of the FVEAA (with or without an EV)! Your ideas on how to help grow the FVEAA are welcomed at anytime, thanks!



### Meeting Minutes - October 17, 2014

Grant Gerke

- Meeting kicked off with committee reports and Jeff Miller was not in attendance but we have plenty of

money in the bank.

- Ted Lowe reminded everyone to reup their membership this Fall, you should have received some alerts in your email inbox. \$20 is the cost for a single membership.
- Rich Hirschberg mentioned that the board is having monthly conference calls to follow up on club initiatives, especially our National Drive Electric Week event in September.
- Rich reported 10,583 PHEVs sold in the U.S. in September 2014 (October figures came in a little below that number).
- Speaking of our National Drive Electric Week event, held last September, we had more 130 attendees and 28 electric vehicles to showcase to the public. There were 110 test drives (Nissan 45, BMW 25, Mitsubishi 10, Tesla 10, Chevy 10).

The first presentation was kicked off by Jim Schmidt and he provided an updated on his all-electric boat, the Silent Storm. He is currently is building cabins, which have a modern, cabin look, and they are two-tier structures. Jim showed off the plywood used in building these cabins, four laminations of 1/16th inch plywood. When finished, the boat will have a range of 100 nautical miles with 5 battery packs (4 for propulsion) and will use 180 lithium ion phosphate cells, overall. Good luck, Jim.

The second presenter was George George Hiller about his 2000 Miata SE electric vehicle. George mentioned that it was a challenge to find a place for the batteries, the total weight of the car is 2,675 lbs.

Here are some of the highlight of his conversion:

- Bought it with 56,000 miles
- EPCON
- 60 miles a charge; a little more 120 amp hours)
- CALB batteries (60 amp hour li-cells (100 cells @ \$72 cells)
- Warp 9 motor electric (adapter
- Lightweight flywheel (in plac eof clutch)
- ¼ inch plate to put the batter box in.
- 2 25 L-con chargers
- Computer is tied into the controller

## Membership Form

*Ted Lowe*

### 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
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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



**ELEVATE ENERGY**

Smarter energy use for all

ComEd Residential Real-Time Pricing Program (linked to [ComEd.com/RRTP](http://ComEd.com/RRTP))

Administered by Elevate Energy, a nonprofit dedicated to ensuring smarter energy use for all.

322 S Green St, Suite 300

Chicago, IL 60607

Phone: 1-888-202-RRTP (7787)

Web: [ComEd.com/RRTP](http://ComEd.com/RRTP)

The ComEd Residential Real-Time Pricing (RRTP) program is an hourly pricing program for residential customers. This program allows you to pay the hourly, market price for electricity. With real-time hourly market prices, it is possible for the price of electricity to be negative for short periods of time, typically in the middle of the night. Since ComEd RRTP participants pay the market price of electricity (with no markup), they are actually being paid to use electricity during negative priced hours, making it an ideal fit for electric vehicle owners who charge at night. Contact an RRTP specialist to see if you are a good fit for the program.

**Bill Jacobs** 

**Bill Jacobs BMW**

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Bill Jacobs BMW specializes in Automotive Sales, Service and Parts. With over 50 years automotive experience Bill Jacobs BMW has set the standard in automotive retail excellence. Bill Jacobs BMW is family owned and directly employs over 300 people



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