



## September 2015 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

**Friday September 18, 2015**

#### Community Christian Church

1635 Emerson Lane  
Naperville, IL 60544

[Google Map](#)

#### Agenda

- 6:30 p.m. Doors Open
- 7:00 Call to Order, Welcome and Introductions
- 7:20 Old Business / New Business
- 7:25 Elections
- 7:40 National Drive Electric Week – Results and Next Week's Event
- Break
- 8:45 George Hiller – Open Source Electric Vehicle Supply Equipment
- 9:15 Close

#### President's Words

*Bruce Jones*

Hi Everyone,

The first National Drive Electric Week Event was held Sunday September 13th on a beautiful afternoon. Next Sunday 20th we hold our second and largest event at the Naperville Test track 1720 W. Jefferson Ave. Naperville. Again, set up at noon and it's open to the public from 1:00 to 4:00 p.m. Pizza afterwards for the staff and those who show their cars! COME ON OUT WITH YOUR ELECTRIC VEHICLE(S)

LOCATION: [Naperville Test Track Map](#)

Here are a few photos..banners, George Hiller and his Mazda, John Jeidi with grandson Maxwell and NMG





John Jeide's Conversion Ford 150



Tim Moore and his Ford Focus Electric



Mike Willuweit's Mitsubishi i

## ELECTIONS

The annual elections are coming up at this September 18th meeting, Current Officers are shown below and nominations are accepted up until the election.

Current

President	Bruce Jones
Vice President	Rich Hirschberg
Secretary	Open
Treasurer	Jeffrey Miller
3 Board Members	
	Rich Carroll
	George Hiller
	Jim Schmidt

See you Friday!

Sincerely,

Bruce

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

## Rich's Ramblings

Rich Carroll

The word in the industry seems not to be dramatic changes, but incremental changes this month. Let's start with some of the changes from GM. Specs for the battery only VOLT have not been released yet, but some of the details of the 2016 Volt have been released. The Volt has changed from 288 cells down to 192 cells. This reduction in cells comes with increased efficiency, but less cells is the significant change that affects cost. Electric only range goes from an EPA rating of 38 miles to 50 miles. Part of this is better batteries, part is improved motor design, and a motor weight reduction of 100 lbs. Smarter programming allows the two electric motors to work better together in more driving scenarios. The motor drive by itself generates a 5% to a 12% increase in efficiency. Along with this, the 2016 volt accelerates 13% more quickly to 30 mph, and 7% more quickly to 60 mph. On the GM Volt, each of the tweaks adds a little, but all the tweaks together create a significant improvement.

Tesla has not announced the details of new models, but they are proceeding with their Gigafactory in Nevada, which will reduce costs in several ways, due to the scale of the operation.

Volkswagen has sent the German magazine BILD information about it's 186 mile range in one model, and batteries that are significantly cheaper per kW-h.

Nissan has increased the size of the Leaf battery, from 24 kW-h to 30 kW-h (in top level trims), increasing the EPA rating to 105 to 110 miles of range. Nissan plans a significant redesign of the Leaf for second quarter 2016.

## This Month's Presentations

- We'll cover the National Drive Electric Week from this last weekend and make final plans for the upcoming Sunday 20th event which should draw a large crowd.
- George Hiller (of converted Mazda Miata fame) will share his experience on the Open Source charging station that he and Ted Lowe have been checking out

## Membership Update

Ted Lowe

We currently have **85** paid-up members, 1 up from last month. 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! Howard Hansen had a **great idea**... giving an FVEAA membership as a gift!





# FVEAA Membership Report

as of 2015-09-16 04:58:08

## Count of Members by Type

Membership Type	Count	Paid Up
BusinessPremier	1	1
BusinessStd	5	5
Family	9	9
Individual	67	67
LifetimeInd	3	3
Totals	85	85

## Other Statistics

Statistic	Value
% Paid Up	100.0%
Avg. Paid Up Days	141.4 days
% With Email	95.3%

## Photos

Bruce Jones



Karen & Dave's Chevy Volt



Steve Larson & father's BMW i3



Patrick providing tunes (works with Marty Belovicz)



Plug-in Hybrid Electric Vehicle (PHEV)  
1930 Hupmobile

The 8/21 meeting started at 7:05 p.m.

Introductions

Tim Moore is back and now owns 2012 Ford Focus EV \$13200. Jeff has a Prius and wants to upgrade it to a plug in electric vehicle. Chris Sharp has a green 2007 NMG that he purchased from John Jeidi.

David Kite supervises a small vehicle fleet and he is hoping to have the chance to run plug in hybrids someday.

New Business

Steve made a motion to give away ten 20 dollar memberships to the FVEAA at the NDEW, to those non-members who come and display their EV. Need to be present at the NDEW event to win. Subsequently modified to be anyone who came, not just the first 10. After the motion was modified it was objected to by Steve. Rich Carroll seconded it. Vote was 1 opposed and every else agreed. . But the modified motion passed.

Nominations for next month’s elections

Bruce Jones accepted a nomination to run for President

Rich Hirschberg (absent) was nominated for VP

Mike Willuweit accepted a nomination for Secretary

The nominations for are open until the next meeting elections

Jim S feels that there is a fear that people won't be able to get charging. If they rent or live in a Condo they may not have access to charging

News in the world of electric vehicles was provided by Bruce along with an update on the Plug-in hybrid 1930 street rod that John Emde and John Jeide are working on at their Build-EV shop in Crest Hill.

Ted Lowe gave an update on his Dodge Dakota lead to lithium conversion, and said he’s going to set up some work days. He and George Hiller also brought an open source charging station to review with those interested at the break.

After the break, Dr. Rich Carroll presented on “Hacking and what you need to know” regarding car communication systems and major issues within the car industry. Then he presented the 2015 Pikes Peak International Hill climb results and showed a video on the 2013 all-time fastest hill climb by Sebastian Loeb who used heated tires to destroy the record by running the 12 mile up-hill course in just over 8 minutes, a record he says that will likely never be broken.

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

**Bill Jacobs** 

**Bill Jacobs BMW**

Nancy Chafin, Marketing Director

2495 Aurora Ave

Naperville, IL 60540

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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

