



July 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 July 17, 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
- 7:15 Old and New Business, Committee Reports
- 7:30 Electric Vehicle update
- 7:40 National Drive Electric Week planning
- 7:50 Break
- 8:25 Presentation: Mike Willuweit and George Hiller - Limits of a Warp9 motor using Lithium batteries
- 9:15 Close

President's Words

Bruce Jones

Hi Everyone,

Hope you all are having a great summer despite the moisture.

The FVEAA is on a PROMOTIONS push, so please JOIN if you have not yet done so, and reap the many benefits of being a member, not the least of which is receiving this newsletter! It's only \$20 and we'd be glad to have you join the club.

Conference Call

On June 7th the FVEAA Board held a conference call to discuss the upcoming National Drive Electric Week which runs Sept 12th to 20th this year which allows TWO weekends for events. Jim Schmidt has suggested we push to do two events, one on Sunday the 13th and another on the 20th. We're still submitting paperwork through on this to book the sites, but proceeding ahead assuming the City of Naperville will approve.

THANKS to Rich Hirschberg, Jeff Miller and Jim Schmidt for volunteering to be Chairman, Vice Chairman, and Promotions committee members !

Here are selected notes from the meeting:

NDEW

Goals this year

- Sunday Sept 13 and Sept 20
- Two full EV events if we can man it and swing it
- Highlight Conversion EVs – everyone bring them out
- Conversion Day emphasis on 1st weekend and OEMs 2nd week as fallback position
- Big Media day on the 13th to get the word out
- Ask dealers to commit to both weekends and see what we get

NDEW Team

- Rich Hirschberg – Chairman NDEW
- Jeff Miller – Co-chair NDEW
- Jim Schmidt – Promotions, marketing, media
- George Hiller
- Bruce Jones
- Rich Carroll

Location

Naperville Test Track
1720 West Jefferson Ave.
Naperville, IL 60540

Banners, Signs

- Rich Carroll put up small signs and people saw those at the corner of Jefferson and Ogden, and came to see the event last year
- Suggested banner or signs closer to the road or more of them or bigger
- Putting signs up the week before with Dates would be ideal

Need to check / contact

- Dealers to see what their availability is both weekends
- Contacts we used last year
- Our Sponsors and have them check their availability – and provide booths etc.
- Naperville Sun provided a fairly good number of people – 10% per Jeff – based on the newspaper ad Bruce put in

Media

- Jim talk to radio stations
- George contact 95.9 the River

Budget

- Last year we spent \$690
- \$1500 stake in sand budget for this year
- Port a potty preference for a handicapped unit – bigger cleaner was better
- \$140 for regular vs \$225 for handicapped
- We'll get one for the main event on 20th and potentially the 13th

Rich Hirschberg

- Will also handle getting Insurance

Bruce

- Look at the property at the corner of Jefferson and Ogden for signage
- Check with city of Naperville
- Check car dealers to see if we can do two weekends

- Contacted City of Naperville Utility and received forms

NEXT Conf Call MEETINGS (on left) Tuesday 7:00 p.m. and other events listed on right
Calls

(July 17 FVEAA Meeting)

July 21

Aug 4

Aug 18

(Aug 21 FVEAA Meeting)

Sept 1

Sept 8 (tbd)

(NDEW Sept 13 Event)

(Sept 18 FVEAA Meeting)

(NDEW Sept 20 Event)

See you Friday!

Sincerely,

Bruce

FVEAA is on Facebook - Like Us!

Grant Gerke

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

This Month's Presentations

- National Drive Electric Week is nearly upon us - Sept 12 through 20 - so before the break, we'll be discussing plans to heavily promote two EV conversion events
- Then, Mike Willuweit and George Hiller will be presenting the limits of a Warp9 motor powered by Lithium batteries. They will describe what happens when a motor is over-revved and/or overheated and ways to prevent it. If there is time, George will also discuss and show the Open Source electric vehicle supply equipment that he is testing

Membership Update

Ted Lowe

We currently have **87** paid-up members, 1 down 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 2015-07-14 04:58:07

Count of Members by Type

Membership Type	Count	Paid Up
BusinessCharter	1	
BusinessPremier	1	1
BusinessStd	5	5
Family	10	10
Individual	68	68
LifetimeInd	3	3
Totals	88	87

Other Statistics

Statistic	Value
% Paid Up	98.9%
Avg. Paid Up Days	172.6 days
% With Email	95.5%

Photos



John Emde - Long time member and expert on electric vehicle conversions



Chris Sharp (2nd from left) shows his Myers Motors NMG (The "Green Pickle") he purchased from John Jeidi



John Emde receives an FVEAA Lifetime Membership Award - presented by Ted Lowe



It's Jim Schmidt checking out Chris' NMG



Tim Goebel demonstrates the all electric Self Balancing Unicycle (SBU) from Commute Connect



A "SOLOWHEEL" electric mini unicycle



Howard Hansen goes for a spin on the SBU



Meeting Minutes

Jeff Miller

June Meeting notes

The June meeting was opened at 7:05 p.m.

Guests introduced themselves and members talked about various aspects of electric vehicles.

Steve mentioned there is a free three month URL that should probably be protected by the webmaster.

Motion

A motion was made by John Emde to provide some monetary incentives for the working officers who do much of the FVEAA work.

Discussion was opened to make the top four officers get free memberships or a stipend gift.

Jeff still wants to pay his dues

Ted thought it was a bad idea to make the board special.

Jim wants to spend the money to do marketing instead of giving a break to members.

A vote was held and members voted as follows:

6 for

9 against

The motion was not passed.

Jeff Miller suggested the board discuss hiring a consultant to help with promotions and getting the word out on the FVEAA.

It was suggested there be a split between the secretary and facebook position in to two positions

Ted is theorizing we might want to meet at a technical college to get the younger generation involved.

Chris Sharp is on the committee for advertising

Ceremony

A short ceremony was held to honor John Emde with a lifetime membership. John has been building and converting cars to electric for well over 30 years and Ted Lowe presented the award.

He proceeded to speak about his Honda Insight that he is turning into a drag racer.

“Out of sight” insight

Presentation

Tim Goebel from Commute Connect presented and demonstrated his On Balance Outdoor Self Balancing Unicycle (SBU) and Solo Wheel. At the break several members tested them out!

After the break a Presentation on How to electrify a 1930 Hupmobile steel street rod was given by Bruce Jones. The first half of the presentation was on making the car roadworthy.

Ideas were presented and discussed on how to proceed and whether to make a 100% electric or create a hybrid. A vote was informally taken in favor of electric.

Then meeting ended at 9:20 p.m.

Rich's Ramblings

Rich Carroll

Some surprises exist on the list of electric vehicles produced in the USA, and perhaps it isn't completely who you thought. You likely guessed that the number one producer was Nissan, as they made 30,200 Leafs during 2014, mostly in Smyrna, TN. After that, who is next in production numbers for American produced plug in EV's? I started to write this ramblings, thinking that Roush Industries who makes the Low Speed Electric Vehicles for the autonomous Google city bound 'Google Maps' cars would be on the list. They have made well over a hundred cars for Google in the Roush facility in Allen Park, a suburb of Detroit. Rouse didn't even make the list as I had to narrow the list to exclude LSEV's otherwise the list would be inappropriately long.

Tesla produced about 33,000 or 35,000 cars in it's Fremont, CA factory. With similar production numbers is the Plug in Prius, but that isn't made in the US.

The next biggest production is in Hamtramck. Hamtramck (and it's neighbor Highland Park) is an enclave in the city of Detroit. It is a very distinct, ethnic oriented city with a size of about two square miles and around 22,000 people. The biggest employer in Hamtramck is GM with it's Detroit/Hamtramck assembly line where the Volt is manufactured under the Chevrolet Volt name along with exports called the Holden Volt, The Opel Ampera, and the Vauxhall Ampera. Sales numbers for our comparison year of 2014 are difficult to isolate, but appear to be about 20,000 units.

After those players, the numbers get real fuzzy. Also made in the USA:

- The Cadillac ELR is made with the Volt. Only 1,316 units sold in the US Market in 2014.
- The Ford Focus Electric, and the C-Max Energi plug in hybrid are made in Wayne, Michigan on the same production line as other Ford Focus models. Reportedly about 4000 Ford Focus Electrics were produced. Reportedly the C-Max Energi has sold over 16,000 units in the US between October 2012 and October 2014.
- The Ford Fusion Energi has extremely similar sales numbers to the C-Max Energi, and is also made in Wayne.
- Toyota RAV4EV's are built in Woodstock, Ontario, Canada, about midway between Detroit and Toronto, although the batteries and drive trains are built by Tesla at their Fremont, CA factory.

I was left asking the question of what else is there, what is assembled outside the USA. Here is a list of almost 50 cars that are available for purchase that are electric powered. <https://goo.gl/yzYXdv>

Looking at cars in pre-production and testing produces a list of 13 more cars. <https://goo.gl/Ve0J5v> And just below that list is another ~15 cars that are about to go into production.

Do you have much of a choice about an EV? You most certainly do.

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

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Chicago, IL 60607

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