



April 2016 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 April 15, 2016

Friday April 15, 2016 7:00 p.m. to 9:30 p.m.

Community Christian Church

1635 Emerson Lane
Naperville, IL 60544

[Google Map](#)

Agenda

- 6:30 Doors open -> Sign-in Sheet, Tags.
- 7:00 Call To Order, Welcome Introductions
- 7:10 Old Business / New Business
- 7:15 Committee Reports
 - Rich Hirschberg - upcoming Events
- 7:40 Martin Belovitz – Possible club project, renovating a 1980-81 Yamaha midnight special
- Break – Fred Kitch Smart fortwo electric
- 8:30 Paige Fitton – Experience with Solar Panels and EVs
- 9:15 Close

President's Words

Bruce Jones

Hi EVeryone;

Web Site Back UP!

Thanks very much to Ted Lowe and Jeff Miller who collaborated this week and found the issue with the FVEAA web site. Too much detail to go into here, but suffice it to say they adjusted the web code, brought the site back up and the Officers will now discuss plans to modernize the FVEAA website which will take a significant effort.

REALLY appreciate Ted and Jeff digging into the issue, and helping us move forward. Thanks Guys!!

Electric Motorcycle Club Project?

Martin (Marty) Belovitz has come upon a possible club project opportunity for the club . . if someone is willing to take it on. He came across a 1980-81 Yamaha midnight special electric motorcycle and will bring it to the meeting. It will be donated to anyone who wants it, and is willing to involve the club in its renovation as a club project. Let me know if you are interested in running this electric motorcycle club project!

Polo Shirts

I would like to get another batch of the nice Polo shirts with yellow and white FVEAA logo, and Marty Belovitz

is willing to place an order for us. We'll be estimating the sizes and quantities at the meeting so we can proudly wear them at the upcoming EVENTS.



Coming Events → Thanks Rich Hirschberg for Coordinating

- Event: **Elgin Sustainability Expo**
Date: Wednesday, April 20th
Time: 11 am to 8 pm
Location: Elgin Comm College Events Center
FEE: \$25 for non-profits
Notes: 100 vendors invited, covers 39 communities that ECC serves
- Event: **Earth Day Celebration**
Date: **Saturday, April 23**
Time: 11 am to 3 pm (set-up starts 10:00 a.m.)
Location: Peck Farm Park, 4038 Kaneville Rd. Geneva
FEE: No cost for FVEAA
Notes: Focus event for FVEAA
- Event: **Green drives**
Date: Thursday May 19
Time: 8:30 – 4 p.m.
NIU conf center
1120 E Diehl Rd, Naperville, IL 60563
- Event: **Aurora Greenfest**
Date: Saturday, June 11
Time: 10 am to 4 pm
Location: 150 W. Illinois Ave., Aurora, IL 60506
FEE: none for outdoor booth for non-profit
Notes: electric bike & car show, lots of dealer cars
- Event: **Green Fair on The Fox**
Date: Saturday, August 13
Time: 10 am to 4 pm
Location: Batavia Riverwalk 305 S. Jefferson · Batavia, IL 60510 · USA
FEE: free - outdoor booth for non profit

Notes: lots of sustainability vendors

- Event: **National Drive Electric Week**
Date: September 10-18, 2016,
- EVENT 1
Date Sunday 9/18
Time: 1 p.m.to 4 pm
Location: Naperville Test Track
- EVENT 2
TBD

Tesla

The Tesla Model 3, is a 5 seat, 210+mile electric to be sold for \$35,000 to \$42,000 and it's generating a lot of attention well over a year before delivery dates. This week the Chicago Tribune reported that enthusiastic customers went to Tesla showrooms on March 31st and put down \$1000 to reserve their Model 3 which is targeted for delivery in about a year. 115,000 were sold the first day, and when orders could be placed on-line the sales number rose to 276,000 world wide. Not too bad, it even surprised Elon Musk. For comparison, the Nissan Leaf has sold 211,000 in nearly 6 years since its launch in 2010. And when deliveries begin, remember the \$7,500 Federal tax credits begin to phase out after 200,000 units so the early bird catches the worm. If anyone in the club signed up please let me know!

Officer Monthly Conference Call 4/7

The FVEAA officers hold a conference call on the first Thursday of the month. On this last call we discussed the upcoming events, the web site and the need for a "hands on electric vehicle" training session.

Thanks to the officers for the extra efforts being exerted lately to keep things moving and build an exciting program

Sincerely
Bruce

This Month's Presentations

- Paige Fitton will present on her family's new 3,75kW solar panel array and experience with electric consumption and charging their Chevy Volt. She recently presented at the recent Illinois Solar Energy Association.
- Marty Belovitz will discuss the 1980-81 Yamaha Midnight Special donated by the owner in Downer's Grove. We'd like to give it to someone willing to renovate it as a club project. Any takers?
- Fred Kitch may even have his new : "Smart fortwo" electric car to show and discuss at the break

Photos of Last Meeting March 18, 2016

Bruce Jones



John Hipchen of Telefonix presents Level 1 EVSE



John getting a charge for his LEAF before heading back to Palatine

FVEAA Facebook Page - Like Us!

Grant Gerke

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

FVEAA Facebook Group - Join Us!

Ted Lowe

In October 2015, i created a Facebook group for the FVEAA and invited all the past and current FVEAA members i know that are on Facebook. There are 47 members so far. If you're on Facebook but not in the group, yet please join us! If you're not on Facebook yet, please consider joining so you can join our group there! This group will help to replace our forums because it is much easier to use, read, post pictures and videos and get notifications. Please let me know if you have any questions/comments/suggestions. Hope to see you there! <https://www.facebook.com/groups/889497691136309/>

Rich's Ramblings

Rich Carroll

American Hybrid History

So you think you know history, and you are more than familiar with many of the hybrid cars and EV s of today. Let's have a little quiz:

1. Ignoring test cars not suitable for the road, what was the first hybrid gas-electric produced in America?
2. Toyota alone sells a million hybrids (worldwide) in how many months? (2015 data)
3. GM produced several prototype EV s in the 1960's. Name their first hybrid from 1969.
4. What was the first US SUV hybrid?

5. VW created a Microbus hybrid, and tested it for 8,000 miles in the US. What year did this happen?
6. What year were "Charging Hydrants" introduced, which had drivers using coins to purchase an electric charge for their car?
7. Toyota Prius was introduced in 1997 and it was available at all four Toyota Japan dealerships. When did US sales start?
8. US Prius (not other Toyota, just Prius) sales have what % of the hybrid market? (2013 data, the last available)
9. What was the first hybrid to be mass marketed in the US?
10. When did the federal government introduce tax deductions for purchasers of hybrid vehicles?
11. The Energy Policy Act of _____ started tax credits to hybrid vehicle purchasers

And the answers:

1. The Woods Interurban of 1905 had a 2 cyl. Gas engine and an electric motor with batteries. Unfortunately, the charge over took 15 minutes, and the car was not a commercial success, despite several dozen being produced. (There were no 'production' lines in 1905)
2. Ten months
3. The GM 512, electric power up to 10 MPH, gas and electric 10-13 MPH, and gas only above 13 MPH
4. Ford Escape Hybrid (2005)
5. 1977
6. 1905
7. 2000
8. 50.1%
9. Honda Insight (1999)
10. 2000
11. 2005

Sources (always good reading)

http://www.greencarreports.com/news/1097473_vw-bus-hybrid-that-never-was-the-microbus-prototype-of-1977

http://www.odec.ca/projects/2004/guil4m0/public_html/what.html

<http://www.hybridcars.com/history-of-hybrid-vehicles/>

<http://www.jdpower.com/cars/articles/safety-and-mpg/history-hybrid-car>

"What is the history of hybrid cars?" HowStuffWorks. Christopher Lampton, n.d. Web. 17 Jan. 2014

<https://macaulay.cuny.edu/eportfolios/macbride13/research/timelines/timeline-of-hybrid-vehicles-as-adaptation-to-climate-change/>

We currently have **98** members with **23** not paid up due to our website problems (reminders were not going out). Our website is back up, so non-paid up members should have received an email reminder. Please renew asap at www.fveaa.org/renew if you are past due.

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 2016-04-11 04:59:19

Count of Members by Type

Membership Type	Count	Paid Up
BusinessPremier	1	1
BusinessStd	3	2
Family	8	7
Individual	83	63
LifetimeInd	3	2
Totals	98	75

Other Statistics

Statistic	Value
% Paid Up	76.5%
Avg. Paid Up Days	139.9 days
% With Email	94.9%

Here is the current long list of past due members, please renew to www.fveaa.org/renew. Thanks!!!

24 past due members as of 2016-04-11

- 2015-11-28 Chuck Carrington
- 2015-12-01 Rick Korthauer
- 2015-12-01 Jim Schmidt
- 2015-12-02 Henry Shaw
- 2015-12-21 Doug Usrey
- 2016-01-16 Tom Cartwright
- 2016-01-16 Bob Humphreys
- 2016-01-17 Maureen Stillman
- 2016-01-19 Carl Wallin
- 2016-02-03 Laddie Vitek Sr.
- 2016-02-08 Miodrag Zubic
- 2016-02-14 Rob Montalbano
- 2016-02-26 Jeremy Mclean
- 2016-03-04 Jack Myers
- 2016-03-05 Daniel Sartain
- 2016-03-06 Scott Taylor
- 2016-03-06 Jim Rose
- 2016-03-18 Andy Schaeffer

2016-03-20 Allan Hostert
2016-03-21 Tim Beck
2016-03-23 Curt Volkmann
2016-03-25 Carlyle Walters
2016-03-25 Steve Kaufman
2016-03-26 George Hamstra (Business)

Meeting Minutes - March 18

Michael Willuweit

6:30 Doors opened and we met up stairs.

7:07 Held welcome introductions and everyone introduced themselves and interest in EVs

7:10 Old Business / New Business none

7:15 Committee Reports

Questions and Answers - Chris Sharp posed a question asking what a “silicon controlled rectifier” does.

Converts AC to DC but that is older technology per Miodrag Zubic and has been replaced by MOSFET

VP & Outreach Rich Hirschberg – discussed the upcoming EVents

Financial Assistance- George Vergara and Christopher Sharp will be mailing letters to members who have not renewed their membership

Break

8:30 Presentation: John Hipchen of Telefonix Inc presented on their Level 1 EVSE products and technology.

They are one of the only companies making Level 1 charging stations filling an unmet need in the industry for chargers for businesses and offices

9:25 Meeting adjourned

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



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—Daniel H., Hourly Pricing participant since 2015

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