



November 2018 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 16, 2018

Starts 7:00 p.m. Ends 9:00 p.m.

Community Christian Church

1635 Emerson Lane

Naperville, IL 60540

Directions:

[Community Christian Church Map](#)

Agenda

- 6:30 pm - Doors open
- 7:00 pm - Meeting Begins - Welcome and Introductions by President Jeffrey Miller
- 7:15 pm - President - open discussion. Perhaps the proposed IL legislation increasing EV registration?
- 7:45 pm - Webmaster Ted Lowe will talk briefly about our new website
- Break
- 8:15 pm - Chris Young presents his Chevy S-10 Pickup Truck Conversion to Electric Project
- 9:00 pm - adjourn

President's Words

Jeff Miller

Thanks for everyone who braved the fall weather last month and ventured all the way up to Crystal Lake to attend what turned out to be a charging install event along with charging demonstration. We did eventually get to doing a tour of the infrastructure behind the charging stations. Ted observed that the usage lights on my smart meter were blinking much faster than his smart meter ever does. I believe we managed to draw about 135 amps at one point there. I will bring a screenshot from my usage for that night. 135 amps isn't dramatically more than a peak utilization period at my house with my cars charging. On the flip side of that we did have six cars charging at once, although that last car was shut off quickly due to a noisy contactor. The OpenEVSE store replaced the contactor without any fuss.

Special thanks to the QuickChargePower guys for getting the cables to us in time to build those last two charging stations!

Another exciting topic I recently learned about while presenting at the McHenry Green Drinks meetup was that several states are trying to procure electric school buses. There is a video posted of Simon and myself presenting and answering questions on the McHenry County Green Drinks Facebook page. Thanks to

the McHenry Green Drinks group for letting us talk about EV's at their November meeting.

Organization working on electric school buses. <http://elpc.org/>
<http://elpc.org/guide-driving-cleaner-illinois-using-vw-settlement-funds-electric-school-buses/>
<https://www2.illinois.gov/epa/Documents/iepa/air-quality/vw-settlement/Illinois%20Beneficiary%20Mitigation%20Plan.pdf>

Illinois wants to punish EV drivers! There is much news around potentially revising Illinois plate fees for EV's and I heard that Ted may have had a another interview to add to his already long list of TV interviews.
<http://elpc.org/newsroom/howards-blog/6-reasons-tax-crummy-way-improve-illinois-roads-bridges/>

I look forward to Friday and hearing about the amazing white S10 and the more advanced large form factor batteries he used. Hope to see you there!

What I have read over the last month:

<https://electrek.co/2018/11/02/electrify-america-fleet-on-demand-electric-vehicles-sacramento/>

I really like this concept, both from a business standpoint, and consumer.

<https://electrek.co/2018/10/29/electrify-america-charging-stations-network-progress/>

<https://electrek.co/2018/10/29/electric-cars-higher-speed-limit-than-gas-cars-ev-incentive-austria/>

https://www.greencarreports.com/news/1119633_sources-gm-manufacturing-revamp-could-signal-faster-lane-change-to-evs

<https://electrek.co/2018/10/25/tesla-model-3-mid-range-battery-pack-energy-capacity-production/>

Mid range Model 3 is about 62kwh compared to the Long Range version which is about 75 kwh

<https://cleantechnica.com/2018/10/06/emotorwerks-puts-ev-chargers-to-work-as-30-megawatt-virtual-energy-storage-battery/>

Charging infrastructure managed to manage peak demand in California

<https://www.cnn.com/2018/10/30/business/europe-lithium-electric-batteries/index.html>

<https://electrek.co/2018/11/07/bmw-electric-vehicle-plan/>

<https://jalopnik.com/volkswagen-will-sell-some-of-its-new-electric-cars-for-1830316736>

<https://www.cspdailynews.com/fuels/illinois-tollway-considers-wireless-ev-charging>

<https://arstechnica.com/cars/2018/10/the-new-2019-hyundai-kona-ev-is-a-clever-little-electric-crossover/>

/

<https://www.theverge.com/2018/10/22/18009658/faraday-future-layoffs-salary-cut-jia-yt-evergrande>

I do not hold any interest in any car manufacturer or any of their subsidiaries

This Thursday, November 15th at 6pm on NBC Channel 5, an investigative story will be aired!

Background: NBC Chicago's investigative reporter, Chris Coffey (<https://www.facebook.com/ChrisCoffeyNBC5/>), contacted us about 3 weeks ago with a question about some proposed IL state legislation that would sharply raise the vehicle registration fees for electric and hybrid vehicles. He was contacted by someone in Indiana that had "sticker shock" when he got his electric's registration renewal since Indiana (and Wisconsin) has passed an anti-efficiency law.

He wanted to discuss the issue with us and shot some footage of a local electric vehicle charging. I suggested myself and a number of other FVEAA members and he chose my house (perhaps because the timing and location was preferred). I think I did a pretty good job of promoting electric vehicles and the FVEAA. We'll see how the story was edited soon! Please tune in to Channel 5 NBC and check it out.

I think we should discuss this proposed legislative issue and make an official response soon too! I'm going to post this blurb the forums too where we can discuss more.

New FVEAA Website Under Development!

Ted Lowe

Background: Soon after I took over as our Webmaster in the mid-2000's, I installed an open source Content Management System (CMS) called Joomla! A CMS is a useful platform for a website so multiple people can publish content and keep things more dynamic. Joomla! is an extendable CMS, so I also wrote a lot of custom Joomla! "applications" to help manage our organization (Membership Manager, Join, Renew, Reports, Payment Process, File Bank, Newsletters, Sponsors, Member Roster, Data Vault, Member Vehicles, etc.).

Issues: The version of Joomla! installed back in the mid-2000's is very out-of-date and some things have been breaking and malfunctioning. I've been making a few repairs and upgrades along the way, but realized that a new major upgrade would be necessary to continue going forward.

Progress: A couple of years ago, I estimated the effort to "upgrade" would be about 80 hours of development given the amount of customization we had. In the last month, I've finally taken the time to setup our new website and am developing it actively now. The 80 hour estimate will be on the low side :) I'm enjoying the project actually and dusting-off and increasing some of my programming and Joomla! Skills along the way.

My goal is to have our new website online by the end of February 2019 (when my available "indoor time" will rapidly go away again).

Details: I bought another domain to use as our development platform: <https://fveaa.club> I've already rewritten some of the most important applications, like the Join and Renew functions that integrate with PayPal for collecting online payments. I've recently completed the File Bank application and have an exciting new idea on how to use it for a NEW & IMPROVED Members Vehicle rollout (more details coming). The last big remaining development task is rewriting the Membership DB, a key component.

If you check out our development platform in the meantime, you will notice it is "very bland looking". We can buy a commercial template (for like \$50) that will give it a very nice modern "look & feel". I want to discuss this with you all before deciding which one to buy. Perhaps I can give a talk at the December or January meeting about this?

Your comments and ideas are greatly welcomed!



New President Jeffrey Miller gets a charge out of showing the FVEAA members how to wire up one of his (6) EVSEs at the October 19th meeting. T was a thriller Mr. Miller!



Scott Wilkenson stands by his beautiful green Electric conversion



Tracey gets some hands-on experience wiring up a new charging station



Marty Belovicz does some wire work



Miodrag and his passenger in the Yugo are ready for Halloween!! Many of Miodrag's Maxforcer highly reliable controllers are used in home-built EV conversions in the club



Chris Young will be speaking at the November meeting about the conversion of his Chevy truck to a clean mean Lithium Battery Electric machine.



Jeff describes some details about his mega-charging system conduit runs in the basement.

The FVEAA was happy to visit The Miller household!

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 69 members as of 8/15/17. 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/>

We currently have **60 active paid-up** members, down FOUR from last month! **Please renew** and recruit new folks!



FVEAA Membership Report

as of 2018-11-13 04:58:08

Count of Members by Type

Membership Type	Count	Paid Up
BusinessStd	1	1
Family	5	5
Individual	54	51
LifetimeInd	3	3
Totals	63	60

Other Statistics

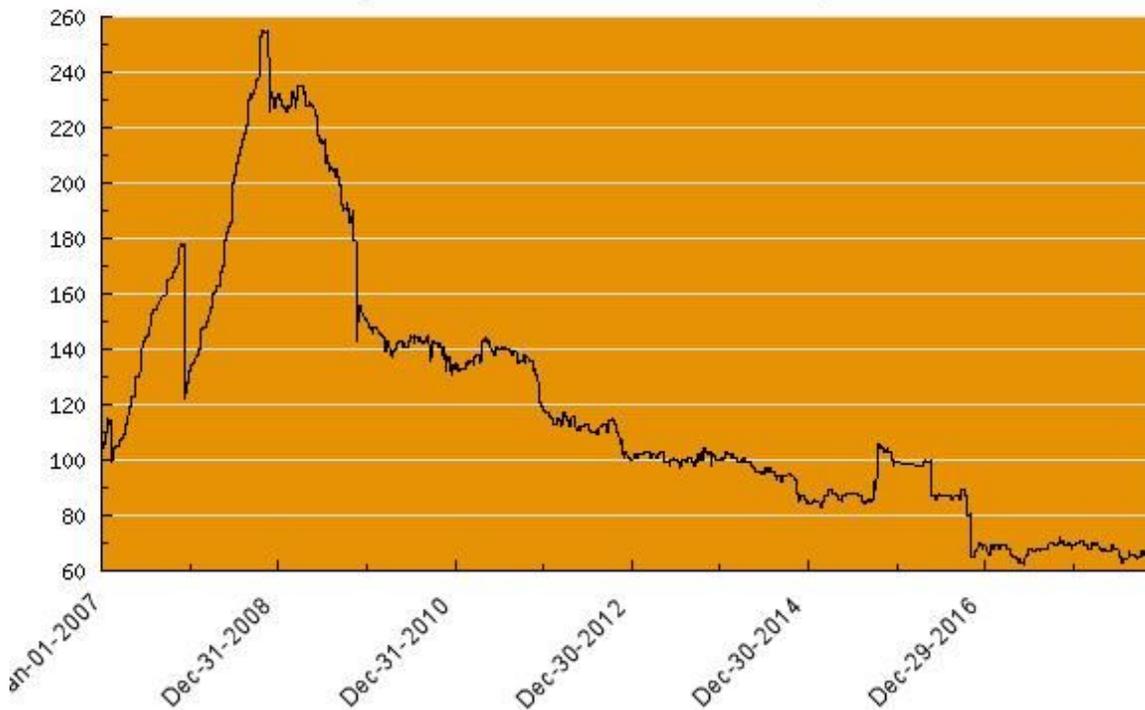
Statistic	Value
% Paid Up	95.2%
Avg. Paid Up Days	177.0 days
% With Email	95.2%

Encouraging Our Membership To Grow in 2018 and 2019 and Some History

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 EEvents. Volunteer to attend EEvents 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!

Here is a time-varying graph of our membership size from 2007 to now. Note that we peaked at about 255 members in the Summer of 2008 when gas was nearing \$5 per gallon. We were also attending lots more invitational EEvents with our EVs. **Let's get out there and grow the FVEAA in 2018 and 2019!!!**

FVEAA Paid Up Members as of November 13, 2018 11:32am



Monthly Treasurer Reports

Ted Lowe

As Treasurer, i am publishing a brief Treasurer's Report to our forums around the time our monthly newsletter is published.

i am publishing our various cash balances (Money Market, Checking, PayPal) to this location:

[FVEAA Committees](#) > [Finance](#) > [Treasurer Reports](#)

This area of the forums can only be seen by FVEAA members. As an IL Non-Profit corporation, we have no requirement to publish our assets or financial statements publicly.

Feel free to contact me if you have any FVEAA financial matters to discuss.

Membership Renewals

Ted Lowe

Our membership system sends out "renewal reminder emails" before your membership is due. You will receive up to 3 before being marked "not renewed" (inactive). The sooner you renew, the fewer emails you will receive :)

So please pay attention to your email from the FVEAA and renew online using this link (for the easiest approach for all of us):

<http://www.fveaa.org/renew>

THANK YOU for your continued support of the FVEAA!

Upcoming EVents

Rich Hirschberg

NOTE TO **EV**eryone!

OUR DECEMBER 2018 MEETING WILL BE ON **FRIDAY DECEMBER 7th 2018**

In December we will hold our annual Holiday POTLUCK party hosted again by Marty Belovicz
Starting at 6:30 p.m. Ending 9:00 p.m.
Bring something fun and delicious to share!

LOCATION;

One Arlington Heights Luxury Apartments
3400 W. Stonegate Blvd
Arlington Heights, IL 60005
At the corner of Euclid and Rohlwing Rd.

Meeting Minutes OCT 19, 2018 -

Bruce Jones

- 4:30 p.m Jeff Miller informally opened the meeting at his house in Crystal Lake for early arrivals who needed an electric charge in order to make it home
- 7 - 9 p.m. Events during the evening included
 - Installation of charging station(s) in Jeff's garage and hands on education
 - Charging station demonstration.
 - Tour of the infrastructure behind the charging stations.
 - Informal discussions about the vehicles at the meeting
- Meeting ended around 9:15

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



Best Hybrid Batteries

Only The Best

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