



January 2019 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

January 18, 2019

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

Community Christian Church

1635 Emerson Lane

Naperville, IL 60540

[Google Map](#)

Agenda

- 6:30 pm Doors open
- 7:00 pm Introductions
- 7:15 pm Bruce's update on Naperville home charging
- 7:30 pm Howard's perspective on the Model 3
- 8:00 pm break
- 8:15 pm Jeff on COMED RRTP cost trends (if time allows)
- 9:00 pm adjourn

President's Words

Jeff Miller

Bruce and Ted in the paper again

<https://www.chicagotribune.com/suburbs/naperville-sun/news/ct-nvs-naperville-electric-cars-st-0214-20180213-story.html>

Monday night I had a good experience in Naperville working with the government people to learn how they run their own grid. Bruce, Maureen, and Greg were all there too and it was definitely a learning experience for everyone there. One of the outcomes of that is that we are going to be helping the residents of Naperville learn about EV's! **This involves the Naperville power company directing people to our group to learn everything about EV's.** One of immediate tasks is to create a nice page of educational material to provide to the Naperville power company to distribute with their EV education package. I am excited to work with a team of people to put this together and start developing an EV training program for residents.

Saving Gas in your PHEV, Outlander PHEV edition

Last month I found that there are ways to keep the Volt engine from running in the winter. This month I tried our Outlander PHEV and I found that if you leave the heat off the engine won't run. With that you can avoid burning gas around town 12 months of the year. You can run the heat if the outside air temperature gage says it is above 35 degrees and it will use the battery, just turn the heat off before the gage cools to 35 and the

engine won't run.

Bad news, the FVEAA sign has fallen

After barely a season in my care the FVEAA sign fell over while I was working on replacing the “loudly buzzing” contactor in my fourth charging station and several pieces of the tube broke off. While it might be repairable I am leaning towards building a sign that at least as bright, but can roll or fold up for much easier transport. This sign would also be less vulnerable to breakage due to President's working on EVSE nearby. I have quite a few ideas and am happy to fund the project as I broke the old guy, so look forward to some work sessions in the warmer months this year. Conceptually I was thinking we might make it compatible with outdoor usage for our EVents, but more work to be done around those decisions.

Articles I found interesting

Model 3 cooling reservoir, more interesting than expected

<https://jalopnik.com/the-tesla-model-3s-superbottle-easter-egg-is-a-fascin-1830992728>

<https://www.politico.com/magazine/story/2019/01/15/the-trouble-with-the-green-new-deal-223977>

<https://arstechnica.com/tech-policy/2018/12/bipartisan-carbon-tax-bill-introduced-in-the-senate-offers-glimpse-at-future/>

<https://jalopnik.com/the-2019-detroit-auto-shows-biggest-design-trend-is-har-1831755226>

<https://jalopnik.com/heres-your-first-look-at-chinese-automaker-geelys-all-n-1831725098>

<https://jalopnik.com/cadillacs-first-electric-car-will-be-this-crossover-1831720822>

<https://www.cnbc.com/amp/2019/01/11/the-ten-hottest-cars-debuting-at-the-detroit-auto-show.html>

Not saying he can't get there but crazy

<https://cleantechnica.com/2019/01/13/elon-says-tesla-roadster-will-do-1/4-mile-in-under-8-seconds-plaid/>

<https://electrek.co/2019/01/10/gm-challenge-tesla-cadillac-lead-electric-brand/amp/>

<https://jalopnik.com/nissan-leaf-plus-extends-range-to-an-impressive-226-mil-1831594949>

Because 85 wouldn't have done it...

<https://arstechnica.com/tech-policy/2019/01/tesla-sued-after-fatal-crash-accused-of-making-unreasonably-dangerous-car/>

Interesting read on VW technology

<https://jalopnik.com/the-fascinating-engineering-behind-vws-electric-car-pla-1829257860>

<https://www.cnbc.com/amp/2019/01/07/tesla-shanghai-factory-ground-breaking.html>

A conversion!

<https://jalopnik.com/this-electric-converted-porsche-speedster-is-the-perfec-1831527344>

<https://jalopnik.com/hyundai-gave-its-concept-car-a-bunch-of-features-you-ca-1831526993>

I can see this replacing j1772 for home charging way in the future

<https://electrek.co/2019/01/03/hyundai-kia-wireless-car-charging/amp/>

Some solar news

<https://techcrunch.com/2018/12/26/a-new-solar-technology-could-be-the-next-big-boost-for-renewable-energy/amp/>

Another day another battery tech article

<https://www.engadget.com/amp/2018/12/07/fluoride-battery-breakthrough-evs/>

Yet another battery article, however this battery just takes current technology and makes it safer.

<https://www.cnet.com/news/the-lithium-ion-battery-that-didnt-explode/>

Some EV history that I found curious

<https://jalopnik.com/5870808/how-a-new-york-taxi-company-killed-the-electric-car-in-1900>

<https://arstechnica.com/cars/2018/12/weve-driven-audis-first-proper-electric-car-the-2019-e-tron-suv/>

<https://www.theverge.com/platform/amp/2019/1/4/18168964/volvo-polestar-2-ev-android-auto-google-assistant>

<https://www.usatoday.com/story/money/cars/2019/01/13/cadillac-ev-detroit-auto-show/2567320002/>

<https://www.theverge.com/2019/1/14/18178878/nissan-ev-concept-ims-naias-2019>

<https://www.foxnews.com/auto/gm-says-hybrids-are-over-reboots-cadillac-as-an-electric-vehicle-leader>

<https://www.engadget.com/2019/01/09/payment-ev-charging-simple-plug-in/>

Porsche wants a metric they can be seen as favorable. I don't blame them trying to market it, but until they get much farther into their build out of charging stations those routes are going to be limited.

<https://electrek.co/2018/12/21/porsche-new-electric-vehicle-metric-taycan/>

<https://insideevs.com/hyundai-kona-evs-thermal-management-system-explained/>

<https://electrek.co/2018/12/21/daimler-deliver-first-all-electric-freightliner-truck/>

I don't have any idea why :)

<https://electrek.co/2018/12/21/tesla-drivers-speeding/>

<https://electrek.co/2018/12/18/tesla-model-3-ccs-charging-station/>

Another battery article

<http://www.thedrive.com/tech/25354/honda-claims-breakthrough-in-new-battery-tech-that-offers-longer-range-greener-operation>

<https://electrek.co/2018/12/12/bmw-i4-electric-car-investment-production/>

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

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

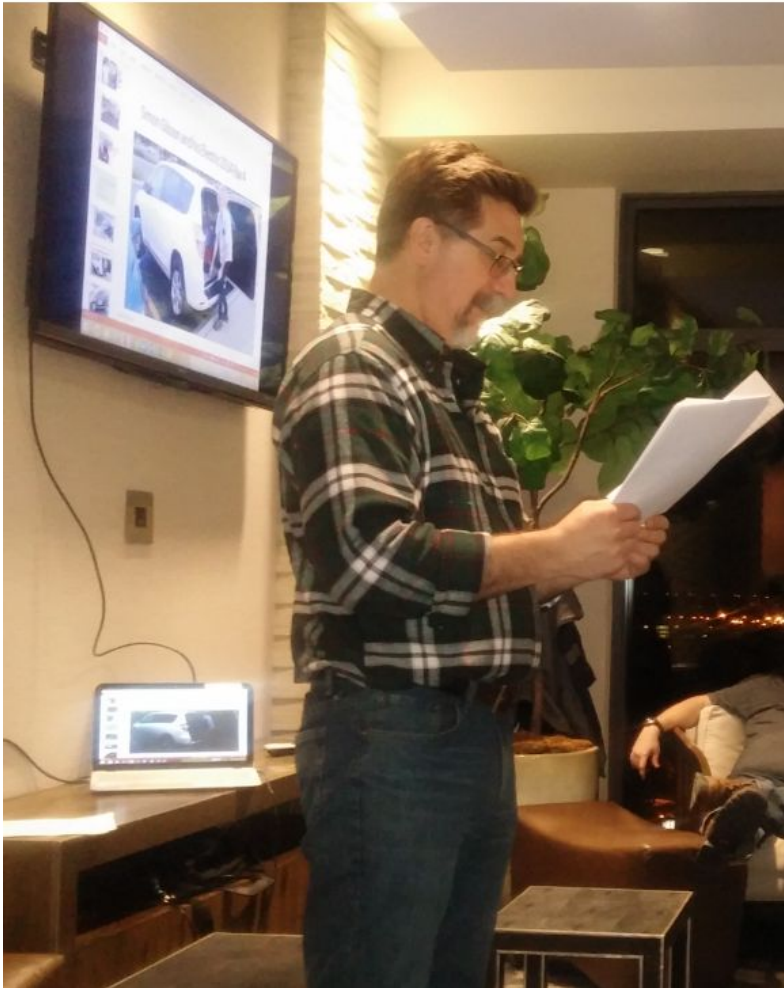
New FVEAA Website Development Update

Ted Lowe

I'm continuing to make good progress on our new website and am still on schedule to complete this project by the end of Feb. 2019. I originally estimated it would take about 80 hours of work but it has been way way more. (I'm glad i didn't bid this project for a fixed fee - well i did... free :) More details soon.

Photos of Last Meeting - Friday, November 16, 2018

Bruce Jones



Rich Hirschberg engages the group in a Christmas trivia game

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/>

Membership Update

Ted Lowe

We currently have **56 active paid-up** members, down TWO from last month!

I'm officially concerned by the our dwindling membership! Please renew and recruit new folks in 2019!!!



FVEAA Membership Report

as of 2019-01-07 04:58:09

Count of Members by Type

Membership Type	Count	Paid Up
BusinessStd	1	1
Family	5	5
Individual	49	47
LifetimeInd	3	3
Totals	58	56

Other Statistics

Statistic	Value
% Paid Up	96.6%
Avg. Paid Up Days	204.4 days
% With Email	94.8%

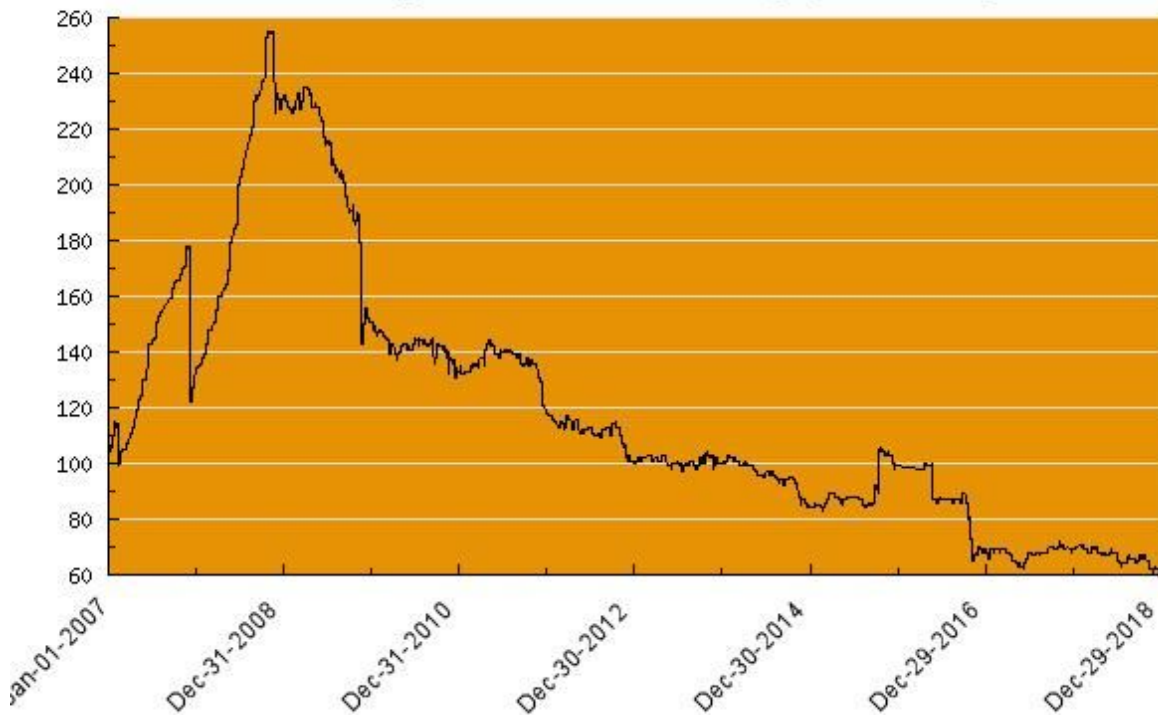
Encouraging Our Membership To Grow in 2019 and Some History

Ted Lowe

Happy 2019 EVeryone! 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 2019!!!**

FVEAA Paid Up Members as of January 7, 2019 3:32pm



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 EEvents

Rich Hirschberg

- WELCOME - Marty Belovicz greeted members as they arrived at One Arlington Place before 6:30 p.m.
- EVeryone brought food for the pot luck holiday party and President Jeff Miller welcomed everyone
- A year end summary presentation by Bruce Jones was played on a loop continually through the evening
- Rich Hirschberg led a competitive game of Christmas holiday trivia with everyone divided into two teams battling for the lead.
- MEETING ADJOURNED 9:15

Hey check out the Model 3 features listed here in an article entitled A Few More Things I've Learned about Tesla's "Enhanced Autopilot"

<http://www.scientificamerican.com/nov2018/pogue>

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

Michael Bradley

18600 IL-59

Shorewood, IL 60404

Phone: 708-669-9402

Email: besthybridbatteries@gmail.com

Web: www.besthybridbatteries.com

