



June 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

June 21, 2019

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

Community Christian Church

1635 Emerson Lane

Naperville, IL 60540

[Google Map](#)



John Emde and
Jellow Porsche
Project 08/20/2011

John Emde June 4, 2019

A man full of spirit, and drive, a true friend, a true EV pioneer, we will miss you greatly

Agenda

- 6:30 pm Doors open
- 7:00 pm Introductions and stories about John Emde
- 8:00 pm Brief announcement of upcoming events Rich Hirschberg
- 8:05 pm Break
- 8:20 pm Upcoming projects on conversions
- 9:00 pm Adjourn

President's Words

Jeff Miller



John Emde was a leader of the EV movement. We all stand on his shoulders, and his actions have influenced not just us, but the entire EV movement that is launching on our little blue planet. John is one of the few that caused the Electric Car market to exist. He persistently supported EV's in a way that only a few people in the world have. I am sad to see him go, but I am glad he got to see the beginning of the EV revolution. Unlike the false start in the 90's, John got to see the EV market start running on it's own, not just with compliance cars, but with cars sold in all the states and many countries of the world. He also got to see high end AC drive systems come to conversions providing efficiency on par with the best OEM motors in the business. He got to see battery technology that made it possible to shrink an electric dragster down from the size of Aggravated Battery to a Honda Insight. He got to see controllers move from extremely crude contactor controllers to the water cooled works of art we have today. Beyond all that, he had a big hand in making those changes happening! The world will move on without him, but because of him, it is truly a better place.

Friday night I want all of you to bring your best stories about John Emde, and I hope you will share them with the group. I hope we can celebrate the amazing things he has done over the decades.

Beyond that I want our group to continue his work. I hope at least two club members can come up and talk about their plans to upgrade their conversions. Friday night we are the old club from back before EV's were built by the major manufacturers. We will be talking primarily about conversions and what we can do to help keep them on the road. The best way I know of to honor John is to help this club continue his work by doing more conversions and supporting his existing creations.

I was on WTTW's Chicago Tonight on May 14th, 2019, here is a direct link:

<https://news.wttw.com/2019/05/14/could-new-1000-state-tax-drive-electric-car-owners-out-illinois>

Clearly the 1000 per year tax on EV's was excessive. We ended up with the new standard plate fee + 100 road tax fee. I am expecting a total renewal of \$251 at the end of the year for my EL plated car as it goes into force on January 1st. Hopefully the state makes the transition smooth since the change in fees start on the same day as all the EL plated cars need to renew. My currently Non-EL plated car will not be changed over to EL plates until it's renewal in late 2020. I am not happy that they are penalizing EV's and I have some thoughts on this topic that I will talk about in the future.

Articles I found interesting

<https://teslamotorsclub.com/tmc/threads/battery-degradation-scientifically-explained.153074/#post-3668196>

The video embedded in this article is one of the clearest pieces of information I have ever seen on the degradation of batteries. I watched it a couple of times and it is well worth your time. My biggest takeaway is that charging a cold battery is absolutely terrible for it. Last winter I made the mistake of driving and then fast charging after the car sat for a few hours. It was plugged into a 110 outlet but it took it about 15 minutes before it could start charging at a decent pace at the local fast charger. In the future I will try VERY hard to charge my cars when warm, and have a mostly full pack to discharge before needing to charge again. Hot batteries are a concern for everyone, and plenty of damage can happen to a hot battery, but as batteries mature I see less and less issues with batteries being excessively hot. For example the Model 3 now preheats it's battery on the way to the Super Charger stations. I doubt my old Model S had to bother with adding heat to the battery as I approached the station, it always seemed to be plenty warm.

<https://electrek.co/2019/05/20/tesla-do-it-yourself-maintenance/>

<http://digg.com/2019/plug-in-vehicle-sales-data-viz>

<https://energyinnovationact.org/how-it-works/>

A carbon tax credit system that adds carbon taxes to everything, and then gives everyone back the per person average paid into the system each month. If you pay less carbon tax on your various services throughout the month than the average person then you effectively get extra money in your pocket each month. If you pay more, then the monthly payment won't cover it all. This encourages everyone in the US to use less energy. (likely this will not apply to farmers)

<https://jalopnik.com/heres-a-first-look-at-toyota-and-subarus-electric-car-p-1835345668>

<https://electrek.co/2019/06/14/tesla-used-model-3-vehicles/>

<https://jalopnik.com/the-electric-marathon-is-the-all-ev-rally-youve-never-h-1835127013>

<https://www.cnbc.com/2019/05/17/usain-bolt-launches-two-seater-electric-vehicle-which-starts-at-9999.html>

Another EV with Bolt in the name?

<https://www.cnbc.com/2019/05/17/usain-bolt-launches-two-seater-electric-vehicle-which-starts-at-9999.html>

<https://www.chevybolt.org/forum/82-charging-batteries/14002-dc-fast-charging-performance.html#/topics/14002>

<https://teslamotorsclub.com/tmc/threads/electrify-america-fast-chargers-huh.133558/page-7>

<https://teslamotorsclub.com/tmc/threads/v3-supercharging-profiles-for-model-3.155606/page-2>

<https://jalopnik.com/audi-s-first-real-electric-car-is-already-being-recalle-1835380645>

<https://arstechnica.com/cars/2019/06/electric-car-charging-in-america-just-got-a-little-bit-easier/>

<https://arstechnica.com/science/2019/06/report-geothermal-could-power-up-to-16-of-us-grid-by-2050/>

<https://teslamotorsclub.com/tmc/threads/definitive-14-50-nema-outlet-guide.140694/>

<https://teslamotorsclub.com/tmc/threads/nema-14-50-plug-meltdown-near-fire.155492/page-5>

<https://arstechnica.com/science/2019/06/creative-thinking-researchers-propose-solar-methanol-island-using-ocean-co2>

<https://jalopnik.com/this-is-how-rimac-builds-its-all-electric-hypercars-1835323822>

<https://jalopnik.com/automakers-rebuke-trumps-planned-epa-rollback-1835313681>

<https://jalopnik.com/gm-claims-electric-cars-will-be-the-same-price-as-gas-c-1835296202>

<https://teslamotorsclub.com/tmc/threads/ride-the-lightning-elon-musk-interview.154788/>

<https://arstechnica.com/cars/2019/06/tesla-sold-greenhouse-gas-credits-to-fiat-and-gm/>

<https://electrek.co/2019/06/02/tesla-pickup-truck-price-f150-elon-musk/>

<https://jalopnik.com/the-first-new-lotus-in-11-years-will-be-unveiled-next-m-1835172228>

<https://jalopnik.com/tesla-model-s-refresh-with-minimalist-interior-and-mode-1835094478/>

<https://techcrunch.com/2019/05/28/the-all-electric-honda-e-is-bringing-its-side-view-mirrors-inside/>

<https://support.emotorwerks.com/hc/en-us/articles/360002651411-Load-Sharing-Use-and-Setup?>

<https://www.engadget.com/amp/2019/05/24/2019-kia-niro-ev-review/>

<https://arstechnica.com/cars/2019/05/seattle-makes-history-with-electric-garbage-truck/>

<https://jalopnik.com/the-next-gen-bmw-i8-could-go-all-electric-1834917013>

<https://jalopnik.com/ferraris-hybrid-supercar-will-have-three-electric-motor-1834916610>

<https://jalopnik.com/the-2019-audi-e-tron-makes-a-strong-case-for-choosing-c-1834841890>

I don't entirely agree with their conclusion.

<https://jalopnik.com/the-all-electric-honda-e-comes-in-five-delightful-color-1834923407>

<https://jalopnik.com/chevron-and-evgo-partner-to-build-fast-chargers-at-gas-1834905076>

<https://jalopnik.com/heres-a-good-perspective-on-the-tesla-model-3-as-a-fun-1834825860>

<https://www.autonews.com/automakers-suppliers/vw-adds-electric-car-plants-china-could-take-tesla>

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

New FVEAA Website Development Update

Ted Lowe

I recently found a nice template for our new website and will purchase and install it soon. Then after a bit more coding on the Membership DB application, i will cutover our new website soon! We will experience some brief outages while i make the changes. i will inform members by email before the cutover begins and again once it is completed. Please stay tuned for more details.

John Emde

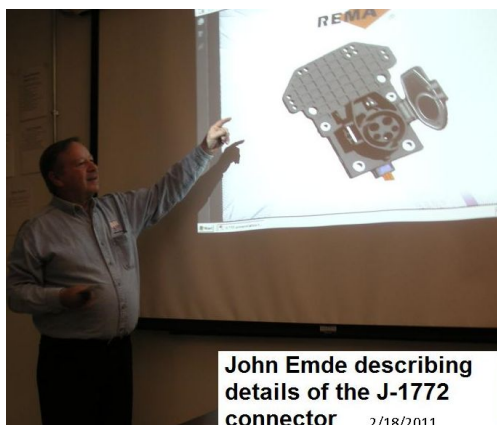
Bruce Jones



Kevin Zak, Fred Kitsch and John Emde
5/2019 at Current Automotive



John in the "Aggravated Battery" Electric Drag racer



John Emde describing
details of the J-1772
connector 2/18/2011





06/9/2015



Where's John?

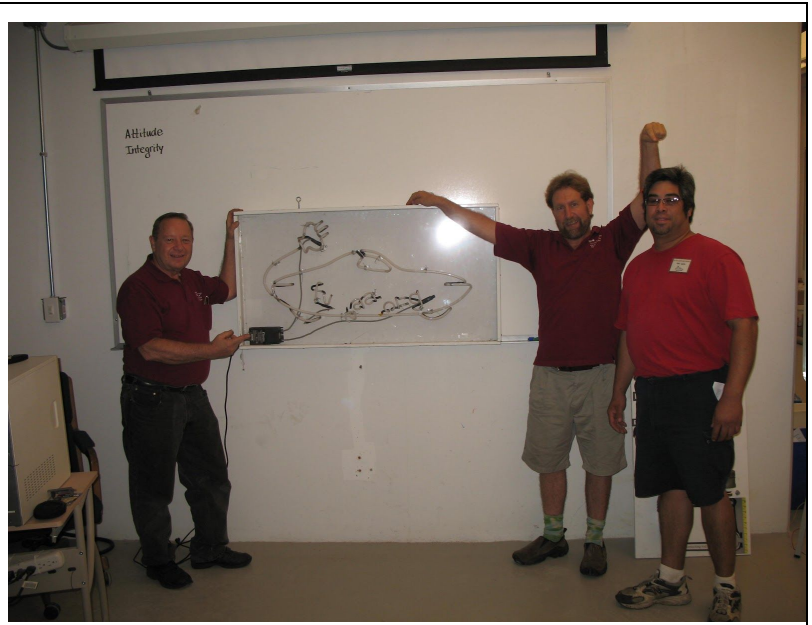
Chuck Carrington's MG EV



John Emde with Chuck Carrington 6/17/2011







FVEAA On Facebook - Join Us! Like 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 86 members as of 3/11/19. 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 supplements 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/>

Grant Gerke started **FVEAA's Facebook Page**. Like Us!

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

Membership Update

Ted Lowe

We currently have **51 active paid-up** members unchanged from last month!
Please renew & recruit new folks in 2019!!!



FVEAA Membership Report

as of 2019-06-18 04:58:10

Count of Members by Type

Membership Type	Count	Paid Up
BusinessStd	1	1
Family	5	5
Individual	45	43
LifetimeInd	2	2
Totals	53	51

Other Statistics

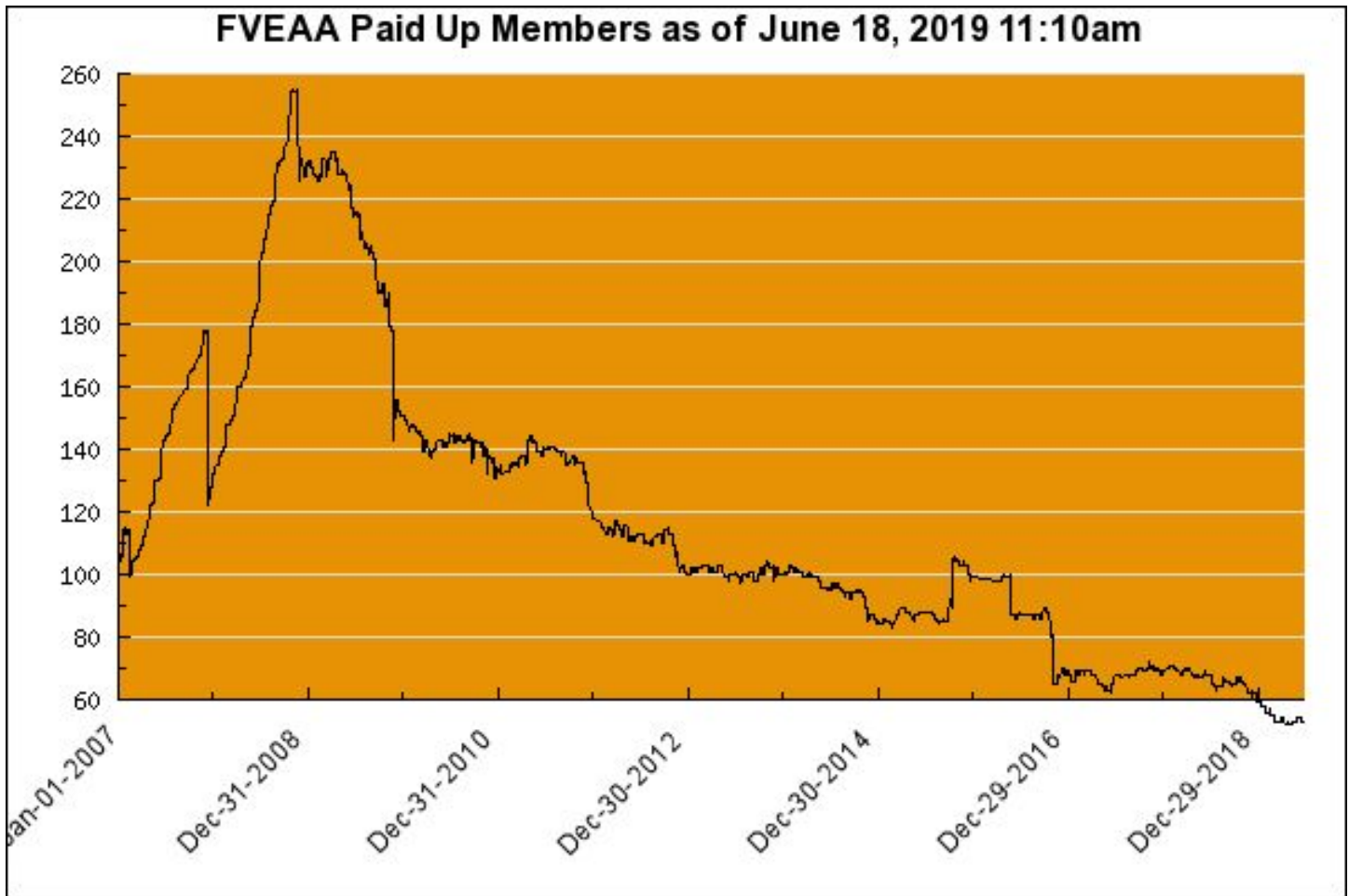
Statistic	Value
% Paid Up	96.2%
Avg. Paid Up Days	184.3 days
% With Email	94.3%

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!!!**



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!

Welcome

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7:30 pm Brief announcement of upcoming events Rich Hirschberg

- Rich Hirschberg presented on new EV's from the Chicago Auto Show
- 8:10 pm Break
- Tracey McFadden presented on his experience working the ride and drive at the Chicago Auto Show
- George Vergara and Tracey McFadden discussed some projects in the community that they would like to do

Meeting adjourned at 9:18 p.m.

Of Note - Perhaps we should have some input into how Illinois spends the Volkswagen settlement money on charging stations

[Illinois Idling on spending plan for Volkswagon Settlement money](#)

By [Alex Ruppenthal](#) | February 16, 2018 3:20 pm

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