



January 2021 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

This month's meeting is on Friday January 15, 2021 and will be VIRTUAL ONLY (NOT AT CCC) due to the Coronavirus outbreak for the purposes of "social distancing"

We are using the Zoom video-conferencing platform to hold this ONLINE meeting. Zoom runs on all computers and phones. Some setup is required prior to your first use of Zoom on your device of choice. Connect to the meeting a bit early (6:45pm earliest) by using the link below to test your connection. Please call Ted Lowe (630-260-0424) if you want help getting Zoom installed on your device of choice. You can also dial-in on your telephone to have an audio-only connection (see phone number and meeting ID below). The audio on your device will be automatically muted upon entering the call to avoid disrupting the call.

Pre-meeting setup check starts at 6:45pm.

Meeting starts at 7pm and will run until 9pm.

Use this information to connect during these times:

Topic: FVEAA December 2020 Monthly Meeting (VIRTUAL ONLY)

Time: Fri January 15, 2021 6:45 PM CST (pre-meeting setup check), Meeting 7:00 PM

Join Zoom Meeting (NOTE: Password has been added to link as of Nov 2020):

<https://us02web.zoom.us/j/95901481473?pwd=UnpJVUJOUmVPOFZqR013ZFpPbzM0UT09>

Dial-in for audio-only users: Call: 312-626-6799

Enter Meeting ID when prompted: 95901481473#

Participant ID: (blank, just #) *6 mutes/unmutes your line, *9 raises your virtual hand

Agenda

- 6:45 Virtual Meeting Starts (to test connections)
- 7:00 Introductions
- 7:45 Marty with pictures of his brother's charging install
- Break
- 8:00 Bruce J on his solar install
- 9:00 Meeting Close

Please upgrade your ZOOM client! We want to use the new features.

December meeting

I had a great time at the December meeting. I appreciate everyone who shared their various projects, and songs. It was the most fun I have had at a virtual meeting, and I appreciate everyone hanging in there with us through a very strange year.

January meeting

Marty will be giving a short update on a family member's new Tesla charging install. The main attraction will be Bruce and his Naperville solar installation. He promises suspense and excitement better than you can find in any movie theater this month. The movie theaters are still closed, but even then it will still be better.

Articles I found interesting:

<https://github.com/linuxkidd/ev4rv/wiki>

An automated balancing system for RV's to regulate charging and other hotel loads. Uses OpenEVSE and other off the shelf parts. Should be trivial to adapt to a home if anyone has OpenEVSE and a limited service. There are houses with only 60 amps where something like this could be very useful, but even some 100amp service homes could use this. The only real limitation is that it only updates every 30 seconds so you need to leave some margin for things to start up. It does "fail safe" as in if it doesn't hear from the controller it stops charging. This setup only charges one car.

<https://arstechnica.com/science/2020/12/lose-the-alkaline-keep-the-zinc-for-a-new-battery-chemistry/>

Not for cars but utility scale starts to make sense for this.

<https://arstechnica.com/science/2020/12/vw-partnered-quantumscape-claims-legitimate-battery-breakthrough/>

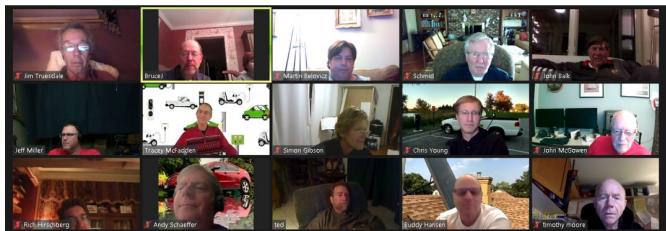
Many of you have already read about this, but if you haven't this company says they should have solid electrolyte batteries in Volkswagen cars by 2024.

<https://arstechnica.com/cars/2021/01/fedex-will-be-the-first-customer-for-gms-new-electric-delivery-van/>

Mustang Mach E has started deliveries to customers.

I guess I took the holidays off because that is about all I saved for you this month. I worked on other projects around the house including improved garage lighting, a work bench, more home theater modifications and repairing my oven.

I do not directly hold any interest in any car manufacturer or any of their subsidiaries (if a company is part of an index fund then I might own the index fund)



Christmas Party attendees in virtual mode! Tonight was video night and in a holiday mood theme.

Rich Hirschberg's October 3rd EV cruise



Howard Hansen presented photos of EVs and three wheeled EVs



Tracey McFadden brings down the house with a very creative rendition of EVs sung to the tune of "Jingle Bells." Wow Tracey nicely done!



Chris Young video took us on a virtual EV trip in his converted Chevy S-10 pickup truck. See this and more videos at his You Tube Channel: https://www.youtube.com/channel/UCi5L0Ac_pX-HYApE-Dn-4tA



See the impressive BMS "Torque app" Chris integrated into his dash https://play.google.com/store/apps/details?id=org.prowl.torque&hl=en_US&gl=US

Bruce gave a presentation on the Juice Box 32 hardwired EVSE that Jeff Miller helped him design and install... (with Mike Dwyer local electrician's sign off)

Subpanel, Safety Switch, Juice Box 32 Hardwired EVSE, w backup Nema 16- 50. Now Bruce is driving on sunshine w solar panels installed in July



“Richy Rich” Hirschberg with his EV Crooners, ran the just released hit song video, “I’m Dreaming of a Fast EV” sung to the tune of “I’m Dreaming of a White Christmas.” Well done Rich! (and family)



Rich Hirschberg also showed a video (and Ted sent the link) to “The Texas Mile” on Mitch Medford’s Zombie 222 electric 1968 Mustang . . . reaching 174mph

<https://www.youtube.com/watch?v=cjQtrysPzVI>

And From ted to Everyone: More background on Mitch and this car as well as info on the White Zombie from “The Verge” Web site:

<https://www.theverge.com/2015/4/1/8320189/zombie-222-electric-car-1968-mustang-texas-mile>



Quote of the night from President Jeff Miller regarding one of the electric vehicles he currently owns -

“The iMiev, the equivalent to getting socks for Christmas!”

Ted showed an old video of John Emde in his Electric Drag Racer racing an airplane

Ted showed "Electric Dragster Humor in Joliet." Many years ago John Emde was at an exhibition of John Wayland's famous White Zombie, an electrified 1972 Datsun 1200 dragster shown below. (Inspiration for the Green Zombie 222 Mustang above)



Sign of the times, but only in Wisconsin - Sign seen by Bruce in December on a visit to Wisconsin (Practice Social Distancing, Stay at least one cow length from others). Nothing to do with EVs but thought you'd find it utterly fascinating.

New FVEAA Website Online! Login and check it out!

Ted Lowe

Hi Folks, If you haven't logged in to our new website already, please check your email for instructions and login as soon as you can! Please let me know if you have any questions. Thanks, ted



FVEAA Web Report as of 2021-01-12 04:58:13

Website Registered User Statistics

Statistic	Value
Total Users	67
Users Never Logged In	28
% Active Users	58.2%
Ave. Days Since Last Visit	193.8 days

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>

FVEAA On YouTube - Check out our videos!

Ted Lowe

The **Fox Valley Electric Auto Association** has a YouTube channel! Subscribe to us and check out our videos! We've had this channel for many years but we're going to start using it more to attract new members and promote EVs. Please let me know if you have some FVEAA-related videos to post.

https://www.youtube.com/channel/UCg_Pgp6q-HEuMICWMO2akPw

Membership Update

Ted Lowe

We currently have **53 active paid-up** members. Many members have taken advantage of the multi-year renewals offered by the new website! **Please renew** & recruit new folks!!!



FVEAA Membership Report
as of 2021-01-12 04:58:12

Count of Members by Type

Membership Type	Count	Paid Up
Business	1	1
Family	4	4
Individual	48	46
Lifetime	2	2
Totals	55	53

Other Statistics

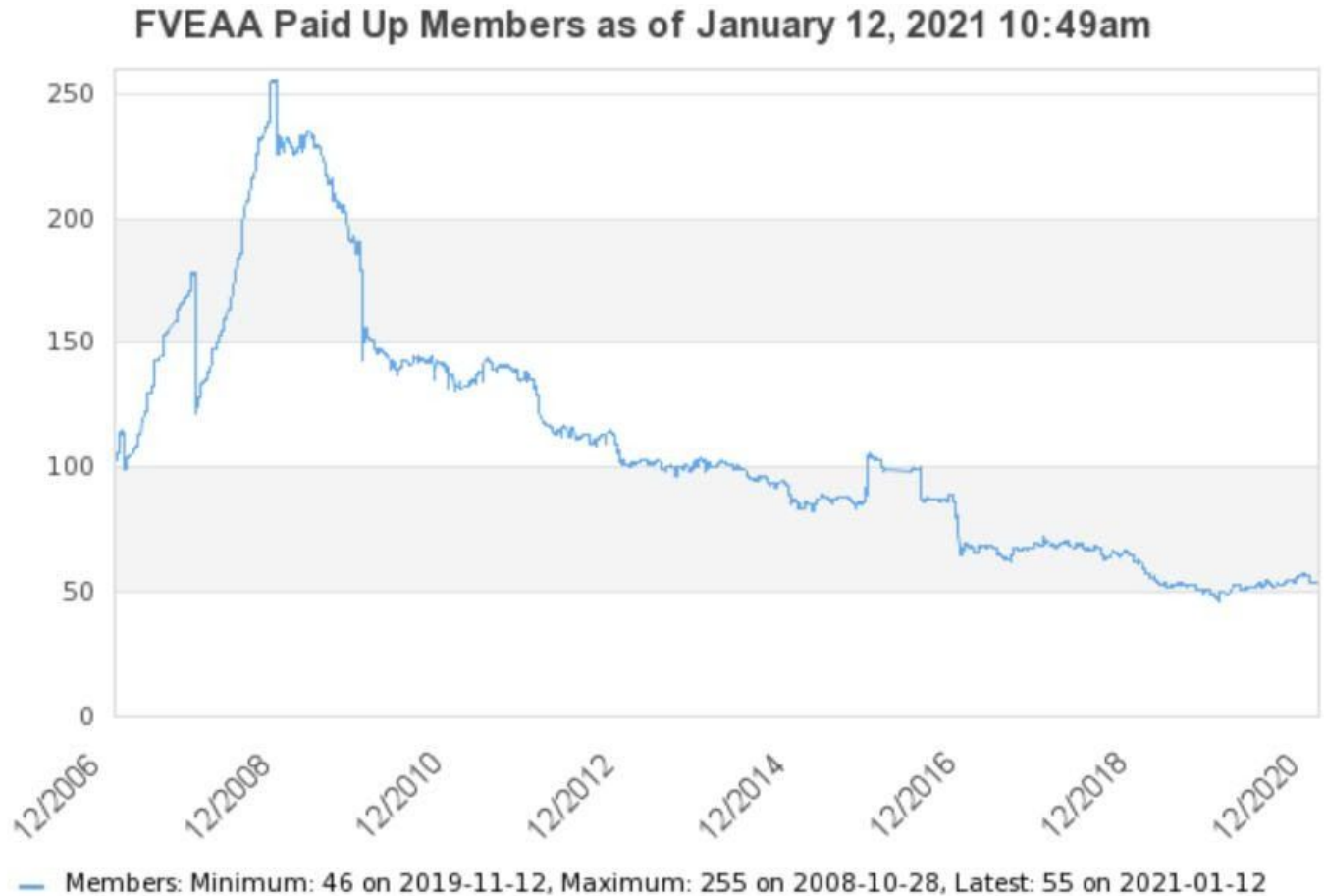
Statistic	Value
% Paid Up	96.4%
Avg. Paid Up Days	378.2 days
% With Email	94.5%

Encouraging Our Membership To Grow and Some History

Ted Lowe

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 any time, 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 255 members in October 2008 when gas was nearing \$5 per gallon. We were also attending lots more invitational Events with our converted EVs. The first Tesla Roadster was just coming into being. **Let's get out there and grow the FVEAA!!!**



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):

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

THANK YOU for your continued support of the FVEAA!

Meeting Minutes - December 11, 2020

Bruce Jones s

VIRTUAL CHRISTMAS PARTY (PLEASE ALSO REFER TO PHOTO SECTION ABOVE)

- **Jeffrey Miller, President, called the virtual EV Christmas party to order just after 7pm.**
- **Tracey McFadden shared funny videos, played guitar and sang a wonderful EV song sung to the tune Jingle Bells**
- **Chris Young showed a video of his converted electric white Chevy S-10 truck - see**
 - https://www.youtube.com/channel/UCI5L0Ac_pX-HYApE-Dn-4tA
 - **See also the impressive Torque app integrated into the dash.**
 - https://play.google.com/store/apps/details?id=org.prowl.torque&hl=en_US&gl=US
- **Rich Hirschberg showed his home made Christmas Song “White Christmas” 4 min. and Dark Horse Mustang 16 min. Video on the Green Zombie Mustang 222. Well done!**
- **Ted Lowe sent a link to the Green Zombie Mustang and showed**
 - **an old FVEAA video with John Emde in his electric dragster racing an Airplane and**
 - **video Electric Dragster Humor in Joliet, with John EMDE along with John Husted’s White Zombie**
- **A video was shown on the Oct 3rd FVEAA EV parade/ event coordinated by Rich Hirschberg**
- **Bruce Jones presented “House EVSE install” on the installation of his Juicebox 32 Hardwired EVSE with Jeff Miller who provided a huge amount of design, specs, expertise and a couple days of on-site labor.**
- **Buddy (Howard) Hansen shared screen pictures of EVs and three wheeled vehicles**
- **Marty Belovicz shared a 7 min video from green presentation**
- **From Simon Gibson to Everyone, The EVSE Installation at from to his house on EV/RV NEMA 14/50 Weather Proof connection**
 - <https://photos.app.goo.gl/utfCZ49ghLueVzuk8>
- **The meeting ended around 9 pm**

Happy new year!

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

EV Converters LLC

Rolly Waller
1401 Burr Oak Rd, Unit 208 C
Hinsdale, IL 60521
Cell: 630-865-5744
Email: rollywaller@gmail.com



EVC will become a Franchisor (when the US government approves the conversion rebate) to appoint Franchisees (eg, service stations, oil change shops, transmission shops, independent mechanics, etc.) to convert Internal Combustion Engine (ICE) vehicles to electric vehicles (EV).