



July 2020 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 July 17, 2020
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 July 2020 Monthly Meeting (VIRTUAL ONLY)

Time: Fri July 17, 2020 6:45 PM CST (pre-meeting setup check), Meeting 7:00 PM

Join Zoom Meeting

<https://zoom.us/j/95901481473>

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
- 7:30 Bob K going over his solar and RRTP comed bill
- 8:00 Break
- 8:10 Tracey M presenting a history of EVs
- 9:00 Close up

June meeting

Thanks to Bruce for giving us the valuable information around how much co2 is produced by EVs in Naperville.

I also appreciate everyone taking part in our discussion around the Tesla robotaxi service and if you would put your Model 3 or Y into service or not. It did seem like at least half of us would do this especially if we had a car dedicated to the task of earning money. If the price is good enough and the risk was correctly managed I would happily put my fleet of charging stations to work charging a fleet of electric cars.

July meeting

Bob K is going to be going over his ComEd RRTP bill and solar. I am interested to see how many credits he has stored up so far and how the bill details this out.

Next up Tracey M will be giving us a presentation on his take of the history of electric vehicles.

Small group sessions

Since we have gone virtual I feel like we aren't providing the level of support to new members that we would normally provide. Normally new members would get rides in EV's and sometimes even get to drive them during/after a Friday night meeting. Obviously a virtual meeting doesn't work for this so I am proposing we do small sessions where we get members who have questions together with people who can help answer those questions outside of the standard meeting. Off the top of my head the three big topics are usually "What is it like operating an EV?", "How do I do a road trip?", and "How do I set up my home for charging?". I plan to have a brief discussion during the July meeting to round up some volunteers, and also members who have questions. If this starts moving forward then we should establish a process to do this in an organized way.

My recent projects

Slow project month, but I did locate a Garage Gator on Craigslist for a bit over half price so I could get our massive two person kayak off the floor of the garage and up near the ceiling. At just over 12 feet long it was tricky to find enough ceiling space that didn't already have stuff on it to mount this system and lift the kayak above head height. I wanted to mount it running in the same direction as the cars so I would only have to move one car to lower it down, but ultimately it just wouldn't fit between the beam that supports my bathroom and closet above, and the storage along the front wall. The advantage of running left to right is that it isn't interfering with the track for the chain hoist. I don't have to drop the kayak to move things left to right via the chain hoist so that is good at least. My next garage project will be organizing winter bike storage locations on the ceiling or walls so that I have room to park the i-Miev inside over the winter.

I also helped another member upgrade his main breaker panel. He was out of space and needed to add more circuits.

Marc S, who presented a few months back, now has his solar system online!

The present

We have been through four months of Pandemic in the US. I still encourage you all to stay safe as you can manage.

Please wear a mask when you go out.

Articles I found interesting

News from Lordstown on their truck

<https://jalopnik.com/the-52-500-lordstown-motors-endurance-is-a-traditional-1844166514>

<https://arstechnica.com/cars/2020/06/meet-the-lordstown-endurance-a-new-52500-electric-work-truck/>

Volkswagen ID4 news

<https://jalopnik.com/here-is-volkswagens-new-id-4-cross-ev-production-model-1844067856>

Here stateside this should be one of the reasonably priced Model Y competitors. We are hoping it will be even less expensive than that though and take on the gas burning Rav and CRV crowd.

https://www.youtube.com/watch?v=q1SrE_cBoTc

Ken Block drives an EV on a state of the Dakar Rally

<https://jalopnik.com/renaults-first-16-ton-electric-freight-truck-has-been-u-1844342555>

<https://jalopnik.com/the-first-all-electric-rallycross-car-will-attempt-to-p-1844313808>

<https://jalopnik.com/the-polestar-2s-animated-taillights-look-pretty-fun-1844285064>

<https://arstechnica.com/cars/2020/07/audi-to-use-modular-electric-platform-for-midsize-sportback-crossover/>

<https://jalopnik.com/yeah-actually-i-do-think-an-electric-jaguar-xk120-is-a-1844272489>

<https://jalopnik.com/these-ev-transmission-adapters-give-you-more-options-fo-1844205548>

<https://jalopnik.com/this-electric-superbike-is-a-generator-you-can-ride-1844170567>

Terrible title, but interesting article

<https://jalopnik.com/germany-is-betting-everything-on-electric-cars-1844169835>

<https://www.autonews.com/regulation-safety/tesla-model-s-probed-touchscreen-failures>

I believe I have previously mentioned the Model S and X MCU flash memory degradation issue, the government is now investigating. Who knows what will happen from that though.

<https://arstechnica.com/cars/2020/06/this-ohio-citys-plan-to-get-more-people-to-buy-electric-cars-worked/>

<https://seekingalpha.com/news/3590536-workhorseplus-11-after-landing-important-distinction-in-california>

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

Upcoming Events

Rich Hirschberg

POSTPONED by the City of Elgin The 2020 Midwest Green Car Expo (MGCX)

For the Chicago, Illinois Metro area – USA.

The Fox Valley Electric Automobile Association is hosting a huge Alt-Fuel Vehicle expo planned for later this year when it is safe to gather in large groups. We are hoping to make this the largest gathering of EVs, Hybrids, and AFVs in the Midwest.

Web site: <https://the2020MidwestGreenCarExpo.weebly.com/>

Date: TBD 2020.

Location: 240 N. Grove Ave. (old library lot), Elgin, IL 60120.

Times: 10 am to 4 pm.

Don't forget to check out <https://DriveElectricEarthDay.org/index.php>

At the MGCX, make sure to vote for your EAGL Awards recipients. Also check out the Ride-n-Drives and the many businesses, clubs, and organizations that support AFVs.

Contact Rich Hirschberg, MGCX@yahoo.com, Car Expo Chairman about booths, registrations, and sponsorships via email.

Photos of our Virtual Meeting in June Bruce Jones



Attendees at the fourth virtual FVEAA Meeting

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 2020-07-14 04:58:13

Website Registered User Statistics

Statistic	Value
Total Users	58
Users Never Logged In	25
% Active Users	56.9%
Ave. Days Since Last Visit	124.5 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>

Membership Update

Ted Lowe

We currently have **50 active paid-up** members. Four members have already taken advantage of the multi-year renewals offered by the new website! **Please renew & recruit new folks in 2020!!!**



FVEAA Membership Report

as of 2020-07-14 04:58:12

Count of Members by Type

Membership Type	Count	Paid Up
Business	1	1
Family	4	4
Individual	45	43
Lifetime	2	2
Totals	52	50

Other Statistics

Statistic	Value
% Paid Up	96.2%
Avg. Paid Up Days	247.6 days
% With Email	94.2%

Encouraging Our Membership To Grow in 2020 and Some History

Ted Lowe

Happy 2020 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 255 members in October 2008 when gas was nearing \$5 per gallon. We were also attending lots more invitational EEvents with our converted EVs. The first Tesla Roadster was just coming into being. **Let's get out there and grow the FVEAA in 2020!!!**

FVEAA Paid Up Members as of July 14, 2020 10:34am



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!

FVEAA Meeting

- The Zoom meeting conference call was started by Ted Lowe at approximately 6:45 p.m.
- Jeffrey Miller opened the meeting at 7:06 with introductions all around until 8:10
- During introductions we also discussed if you would put a Tesla Model 3 into a fleet of autonomous taxis

Gas versus Electric CO2 Analysis

- Bruce Jones presented an analysis of how much CO2 is saved per mile by driving an electric vehicle in Naperville compared to gasoline (.09 lbs of CO2 saved per mile).
- He received some great suggestions like incorporating the additional energy/electricity it takes to make and transport the gas, as well as reducing the electricity savings a bit due to inefficiencies transmitting electricity and charging using 110VAC (70%) or 220VAC (93%) charging.

Solar

Jeff Miller presented on Solar Panels Residential vs Community Solar on RRTP

- Community Solar doesn't give any financial benefit to a Comed Residential Real Time Pricing customer because the flat costs of the community solar is above the average cost of electricity based on my usage
- Community Solar doesn't avoid delivery charges
- Residential solar (panels installed behind your home's meter) using Comed Net Metering avoid delivery charges, even on energy that is sold and bought back from Comed.
 - The avoidance of delivery charges is one of the key ways that net metering and residential solar makes such an impact on the utility bill.
 - If Community Solar also had this exemption it would make it VERY attractive.
- Community Solar doesn't affect your peak demand numbers.
 - In theory they are "your" panels, but Comed doesn't count their production to offset your peak demand and RRTP peak charges are a significant part of my bill.
- If you are on a Comed fixed rate plan today and don't want or can't do rooftop solar, community solar is a good deal.
- If you are paying extra for Green Energy, then you should sign up for Community Solar right away! Check the terms and conditions of your favorite provider, but most offer good terms.
- You will save money and be getting green energy, an unusual combination.
 - Community Solar space is limited, so sign up now if you want to get in on it.

The meeting adjourned at 9:35 p.m.

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

Best Hybrid Batteries

Michael Bradley
18600 IL-59
Shorewood, IL 60404
Phone: 708-669-9402
Email: besthybridbatteries@gmail.com
Web: www.besthybridbatteries.com



Best Hybrid Batteries
Only The Best

Best Hybrid Batteries is a technology company dedicated to providing a flexible, lower-cost approach to defective or worn out hybrid car batteries. Founded by an engineer, a professor, and a long-time hybrid enthusiast, we are committed to using the latest technology to bring costs down and get you safely back on the road. Our solutions were developed through years of testing, and our employees undergo extensive safety training. We fully back all of our work with one of the strongest warranties in our industry

EV Converters LLC

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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).