



## June 2022 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 **June 17, 2022**  
**7:00 p.m. and will be both IN-PERSON at CCC AND VIRTUAL**

### Community Christian Church

1635 Emerson Lane  
Naperville, IL 60540

[Google Map](#)

We are using the Zoom video-conferencing platform to hold this **HYBRID** 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 if you want to join remotely:

Topic: FVEAA June 2022 Monthly Meeting

Time: Fri June 17, 2022 6:45 PM CST (pre-meeting setup check), Meeting 7:00 PM

#### Join Zoom Meeting:

<https://us02web.zoom.us/j/95901481473?pwd=U npJVUJOUmVPOFZqR013ZFpPbzM0UT09>

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

Contact us if you need the password for audio only calls.

Topic: FVEAA June 2022 Meeting

Time: Fri June 17, 2022 7:00 PM CST

## Agenda

- 6:45 Virtual Meeting Starts (to test connections)
- 7:00 Introductions
- 7:30 Garlan Garner with an update on Tesla Autopilot technology
- 8:15 Break
- 8:20 Rich Hirschberg will give an update on 2022 Events
- 8:25 Simon Gibson with the current parts list for the London Taxi project
- 9:00 Close

## President's Words

Jeff Miller

Please pay special attention to the events section below, let's spread the word!

### May Meeting

Thanks to Laren who gave a nice perspective on how she has made her home ever more efficient. Some of the concepts were, pulling hot air from the top of the house in the winter and feeding it into the bottom, feeding her heat pump water heater with preheated air from a waste products fire, and adding 2 inches of insulation to the outside of her home. Other tricks are frequenting the recycled building material store to find good deals on materials to improve her home.

### June Meeting

Garlan is returning to give us an update on Tesla self driving technology and it's always interesting to hear what he has to offer. Simon will then give us an overview of what key parts we are planning to use on the taxi project. I am hoping that he can get feedback from the crowd if there are other better options besides the ones he has identified.

### Another car change

I drove the new to me Model 3 home from Portland Maine, and it went smoothly and reasonably cheaply. I did charge at two overnight stops which made a nice dent in my energy to get home. It was 1216 miles and took 366 KWH for a 301 WH per Mile average. Fast charging energy cost me \$109 with an average cost of 38 cents per KWH. Overnights were both free energy. Prices in Illinois were about 10 cents higher than Indiana so I did my final fast charge for the trip on that side of the border. I wish Tesla showed the prices on their website, but the only way I know to see prices is in the car. From what I can tell Tesla fast charging is now more expensive on average than Electrify America (assuming you are paying the \$4 a month to EA to get the discounted rate).

I will also point out that 301 WH/mile is pretty good considering this is a performance model car running down the highway with 20 inch wheels and performance tires.

The Tesla charging stations across the tollway in Indiana were fantastic as they are now at each tollway rest area. This was nice and allowed me to tweak my stops to arrive in Illinois with plenty of charge to get all the way home while still minimizing my charging time.

Another observation was that when I plugged into the 250KW stations on a 75 to 80 degree day, it would turn on the battery heater during the first few minutes of charging! That is with preconditioning having been done by the car on the way there and already having stopped to fast charge several times. It was a shock

to check the phone app and see it actually heating the battery during a heat generating high speed charge. It would seem that Tesla has embraced the findings of a white paper I read last year which described really getting the battery hot during fast charging and then cooling it down fast after the charge cycle is complete. The paper described this process as having much less battery degradation from fast charging under the old philosophy of keeping the temps around 70 or so during charging. I don't have a really good picture of how much heat it dumped once it was done charging, I immediately started driving on the highway again, so in theory they could shed incredible amounts of heat with 75 mph air flowing through the radiator.

## EEvents

NDEW (**National Drive Electric Week**) Events are being planned now, check below for links to them and sign up to volunteer and/or bring your EV.

Also sign up for the **Geneva Concours d' Elegance** if you want to attend.

## Articles I found interesting:

<https://evsellc.com/>

Not an article, but nice designs for us in places that get snow and ice. I didn't check the price, but I am sure they aren't budget models.

<https://arstechnica.com/cars/2022/05/electrify-america-will-be-100-percent-solar-powered-by-2023/>

<http://www.teslolean.com/design/>

<https://arstechnica.com/cars/2022/06/solid-state-batteries-for-evs-move-a-step-closer-to-production/>

<https://arstechnica.com/cars/2022/06/bmw-reveals-its-newest-sport-racer-the-m-hybrid-v8/>

<https://cleantechnica.com/2022/06/06/the-us-south-prepares-for-the-ev-transition/amp/>

This is sort of strange but if you go with the theory that people who work on a technology eventually adopt it, then this should help.

## Upcoming EEvents - Summer/Fall 2022

Rich Hirschberg

### Sat., **July 23**, The 5th Annual Summer Celebration Car, Truck, & Motorcycle Show, Schaumburg, IL

- Schaumburg Home Depot, 100 Barrington Rd., 60194
- 10 am to 4 pm
- **Volunteers needed to help!**
- Food Truck from "My Cocina Grill", Streamwood, IL
- Trophies, door prizes, silent auction, Home Depot vendors, music, etc,
- Benefiting the Schaumburg Township food pantry and the Hanover Park VFW's Operation Airlift.
- Participants: \$10 & perishable food items & items off the **Operation Airlift** list
- For more info and for the Operation Airlift donation list, go to...
  - <https://HomeDepotVehicleShow.weebly.com>
- All kinds of vehicles are invited, but this gives our club a chance to really show off our different EVs, share stories, and talk about "the EV grin".

### Sun., **August 28**, The Geneva Concours d' Elegance Auto Show

- This premier auto show has thousands of attendees and hundreds of vehicles from around the

country. It is a great opportunity to display our electric vehicles and talk about EVs and the FVEAA.

- Geneva, IL - 9 am to 4 pm
- Download registration form at:  
<http://genevaconcours.net/Media/Media-pdfs/GC-car-club-registration-21-pdf-version.pdf>
- Under the Car Club Information section enter:  
Name of Car Club - FVEAA                      Club Region - Naperville/Fox Valley  
Club Contact - Tracey McFadden              Contact Number - 630-365-5773
- Registration form **must be mailed** with a check for \$20. The tax-deductible proceeds go to Living Well Cancer Resource Center, Geneva IL.
- Please mail your registration early to ensure we get some parking slots as this event fills up quickly.
- More information is available at: <http://genevaconcours.net/index.htm>

**Sat., Sept. 24, National Drive Electric Week Event - NORTHERN EVENT**

- Location: East or West Dundee, IL
- 10 am to 4 pm
- Featuring many different EVs, Ride-N-Drives, alternative fuel vehicles, EAGL Awards.
- Free to attend & display your vehicle

**Sat., Oct. 01, National Drive Electric Week Event - SOUTHERN EVENT**

- Location: Fox Valley Mall, Aurora, IL
- 195 Fox Valley Center Aurora, Aurora, IL 60504-4106
- Times: TBD
- Featuring many different brands and club member's EVs, Ride-N-Drives, the EV Grin.
- Free to attend & display your vehicle

**Photos of our Meeting May 20, 2022**

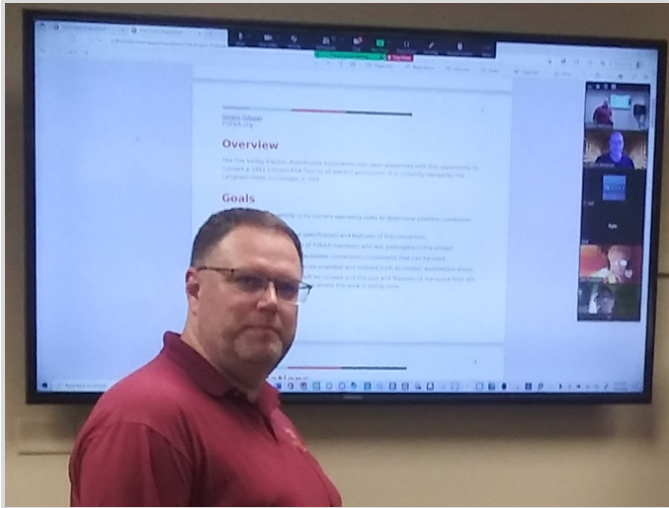
Bruce Jones



**On-line meeting attendees 5/20/2022,  
There were another eight or so in the  
room at CCC**



**Laren Corie, noted solar house  
designer and renewable energy  
expert spoke about her personal and  
industry experiences. Here is her  
email for more information...  
larencorie@gmail.com**



**Jeff reviews initial findings on the Langham hotel pink taxi project with Simon, team and Pat Maloney. Looks like we may have a space to work on it as well at Custom Classics.**



**Outreach director Rich Hirschberg provided a list of Events. Another busy Summer coming up! (And please remember to sign up for the Concours D'elegance in Geneva!)**

**Simon's FX4 folder for the London Taxi conversion project:**

<https://drive.google.com/drive/folders/1emfrawDS7FACX2RkrKMbf275dt1KX51y>

**Login to our FVEAA website for access to lots of member-only tools!**

Ted Lowe

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



# FVEAA Web Report

as of 2022-06-14 04:58:07

## Website Registered User Statistics

Statistic	Value
Total Users	90
Users Never Logged In	32
% Active Users	64.4%
Ave. Days Since Last Visit	441.0 days

**FVEAA On Facebook - Join Us! Like Us!**

Ted Lowe

The **FVEAA Facebook group** has 119 members as of 1/17/22! 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/>

Here is the **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](https://www.youtube.com/channel/UCg_Pgp6q-HEuMICWMO2akPw)

**Membership Update**

Ted Lowe

We currently have **66 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 2022-06-14 04:58:07

### Count of Members by Type

Membership Type	Count	Paid Up
Business	1	1
Family	4	3
Individual	61	60
Lifetime	2	2
Totals	68	66

### Other Statistics

Statistic	Value
% Paid Up	97.1%
Avg. Paid Up Days	351.2 days
% With Email	97.1%

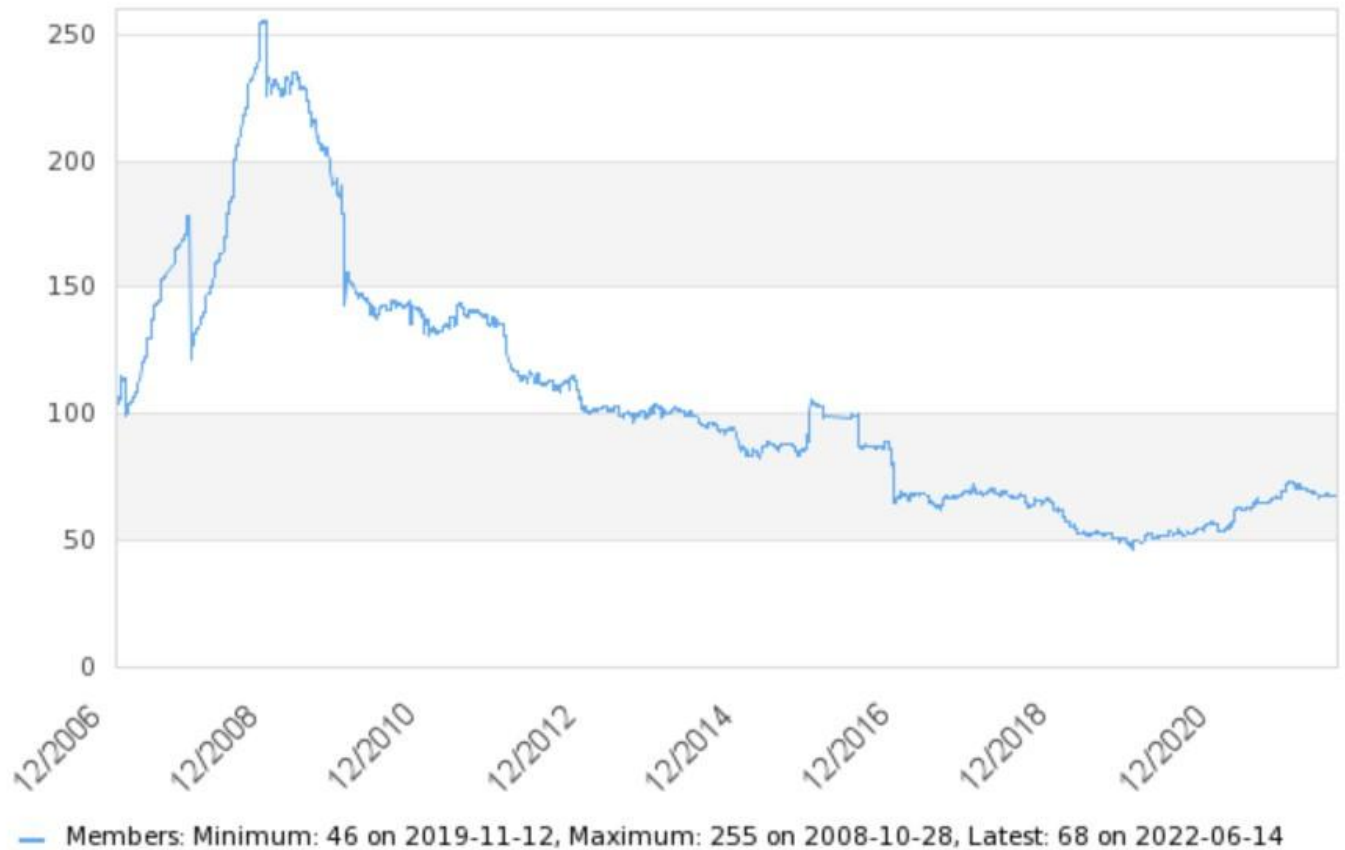
### Encouraging Our Membership To Grow and Some History

Ted Lowe

**We are growing!** 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!!!**

## FVEAA Paid Up Members as of June 14, 2022 9:16am



### 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!**



## INTRODUCTIONS

- >>Thanks to Marty who set up and worked the video/audio gear for our hybrid meeting! <<
- Jeff opened the meeting at 7:02 and held introductions all around the room and on-line.
- Tracey presents at the Unitarian universalist society of Geneva on 5/23/2022 Monday 7pm

### Laren Corie - On the brighter side of the climate crisis”

- Laren is a noted solar house designer and renewable energy expert
- She spoke about her personal and industry experiences, and about her lifelong journey to promote renewables and solar
- She talked about many subjects including her personal installation of mini split heat pumps
- Here is her email for more information... [larencorie@gmail.com](mailto:larencorie@gmail.com)

### Pink TAXI

- Jeff has a potential arrangement to do work on the Pink Langham hotel Taxi at Custom Classics 518 E Burnett Rd, Island Lake, IL

## UPCOMING EVENTS

- Rich Hirschberg presented our MANY upcoming EVents - see the growing list!
- He ended the meeting with a fast rundown of all the upcoming outreach events.
- Please remember we each need to individually register for the Geneva Concourse D'Elegance.

**NEXT MEETING IS FRIDAY June 17, AT CCC AGAIN**

## ADJOURN

- The meeting adjourned at 9:00 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**

**EV Converters LLC**

Rolly Waller  
130 Windsor Park Dr, C121  
Carol Stream, IL 60188  
Cell: 630-865-5744  
Email: [rollywaller@gmail.com](mailto: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).