



## November 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 **November 18, 2022**  
7:00 p.m. and will be **IN-PERSON** 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 starts at 6:45**

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

Topic: FVEAA November 2022 Monthly Meeting

Time: Friday November 18, 2022 6:45 PM CST (pre-meeting setup check), Meeting 7:00 PM

**Join Zoom Meeting:**

<https://us02web.zoom.us/j/95901481473?pwd=U npJVUJOUmVPOFZgR013ZFpPbzM0UT09>

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 November 2022 Meeting

Time: Fri November 18, 2022 7:00 PM CST

Agenda

- 6:45 Virtual Meeting Starts (to test connections)
- 7:00 Introductions
- 8:00 Ted Liu presenting strategies to live without home charging
- 8:30 Break
- 8:35 Jeff Miller presenting on the CCS to Tesla adapter
- 9:00 Close

## President's Words

Jeff Miller

### December Meeting

**Please RSVP to Rich's email - [goafvs@yahoo.com](mailto:goafvs@yahoo.com) and specify the number of people and your potluck dish so we can get an idea of who & what to expect. Thank you.**

### October Meeting

Thanks to Simon for giving us the entertaining and educational view on charging infra failure

### November Meeting

Our first presenter is Ted, who has been at a couple of the meetings recently. He has a Tesla and no home charging, and with that in mind he is going to present his various ways of living with the Tesla without home charging. I am going to present after the break and follow up Simon's discussion on charging infrastructure failures with ways to deal with that on road trips. My experiences will be from the perspective of a Tesla driver, however, if Tesla follows through with making their stations universal this same technique will apply to all vehicles. I will also discuss how to use the new adapter Tesla now sells to plug a Tesla into a 400 volt CCS station. This will include a few references to my recent road trip to the Shawnee National Forest, Atlanta Georgia, New Orleans, and Houston Texas. If I have time I will also give an update on what the cost of electricity was for that trip.

### Preparing for winter

I have reorganized and cleaned my garage out enough to get another car in there. The downside to having three cars in there is that the snowblower is behind the third car, so someone has to clear the driveway enough to get the car out to get the snowblower out. It's possible this could be altered when I know snow is coming, but one thing at a time. I just bolted all the snow tires onto the cars. For those of you that have recent Teslas, make sure the pressure in the tires is exactly correct before you try to reset the TPMS (assuming you are putting on snow tires). It seems that they will not reset until the pressure is correct.

### Preparing our country for the future

Myself and some others have been having many discussions around how to move forward with electrified transportation. We have also all realized that solar is really cheap, however it's getting to the point of not being economical to install in parts of the country due to the price of electricity falling to nearly zero when the sun is shining. The result of this is that many solar projects are being built with significant battery storage to shift the generated energy out of the peak solar window. This is good news as the solar projects are continuing, however, it raises the effective price of solar energy. The other side of the coin is that most of us currently charge our cars at night at our homes, not during the day when the sun is shining. What we really need is ubiquitous workplace charging. As the cars plug in during the morning hours, they would be able to start pulling in, what is in many places, excess energy from solar. Ideally the cars would be mostly

or completely charged before the afternoon peak cooling demand during the summer. More importantly, the charging stations should be managed to allow the grid operators the most flexibility as to how much they are taking and when. The reality is that our overnight electricity demand, especially in the winter, will climb substantially as we move to heat pumps, and we need to make plans for using existing capacity to meet those demands. Adding solar capacity to meet our car charging demands during the day is an economical way to achieve this. Failing to do this, and continuing to concentrate EV demand into the overnight hours will cause serious headaches for grid operators as we take out Natural Gas.

One of the other big advantages of this is that driving to work is something that many people in disadvantaged communities do. If every parking space where employees park has charging available for approximately the cost everyone pays at home, then it is a win for EV adoption in disadvantaged communities too.

You will notice I am not proposing the employers install it, I am implying the utilities could install it. Just like the residential electrification act set the country up for success, we could put together a law that would pay for charging to be installed by the utilities at every parking spot that could be used by an employee during their work day. The goal here would be to have a robust charging network operated by regional operators and a simple payment method which could be as simple as having your charging appear as a line item to your residential bill, with additional accommodations for commuters. This aligns demand with the supply of cheap solar energy, greatly assists with creating the ability to adopt, and is far cheaper than putting in enough fast chargers to cover all of the people that don't have home charging.

<https://news.stanford.edu/press-releases/2022/09/22/charging-cars-honight-not-way-go/>

### Articles I found interesting

<https://www.thelancet.com/infographics-do/cite-lancet-cite-countdown-health-and-climate-change-2022>

<https://www.electrive.com/2022/02/14/anheuser-busch-showcases-zero-emission-beer-delivery/>

I missed this when it came out.

<https://arstechnica.com/cars/2022/11/honda-aims-for-a-solid-state-powered-ev-by-the-end-of-the-decade/>

<https://apnews.com/article/technology-electric-vehicles-climate-and-environment-government-politics-b30c3212fff606f0c9b7e3d2ab8ebb41>

<https://arstechnica.com/cars/2022/09/jeep-will-launch-four-all-electric-suvs-in-the-us-by-2025/>

<https://arstechnica.com/cars/2022/09/weve-driven-volkswagens-retro-cool-id-buzz-electric-minivan/>

### Gibson's Garage

Simon Gibson

Simon is off having fun in Springfield trying to convince legislators to take action on something unrelated to EV's. Silly guy.

Well I can report that the streets aren't lined with EV charging points!

However the municipal parking is free! It's a consequence of your elected leaders having caught Telecommunitus, and so we should watch out for a ban on commuting ... That's all folks!

### Upcoming EVents - Summer/Fall 2022

Rich Hirschberg

**Fri., Dec. 9, FVEAA Christmas Party**

- Location: 3400 W Stonegate Blvd, Arlington Heights, IL 60005
- Times: 7:00 pm to 9:00 pm
- Details: What to bring - potluck, what to expect - FUN!
- Rich's Holiday Trivia and live Christmas songs from the famous duo "The EV Brothers" aka. Tracey and Bruce playing their stringed instruments.
- Four charging stations available, and possibly more nearby
- Please RSVP to Rich's email - goafvs@yahoo.com and specify the number of people and your potluck dish so we can get an idea of who & what to expect. Thank you.

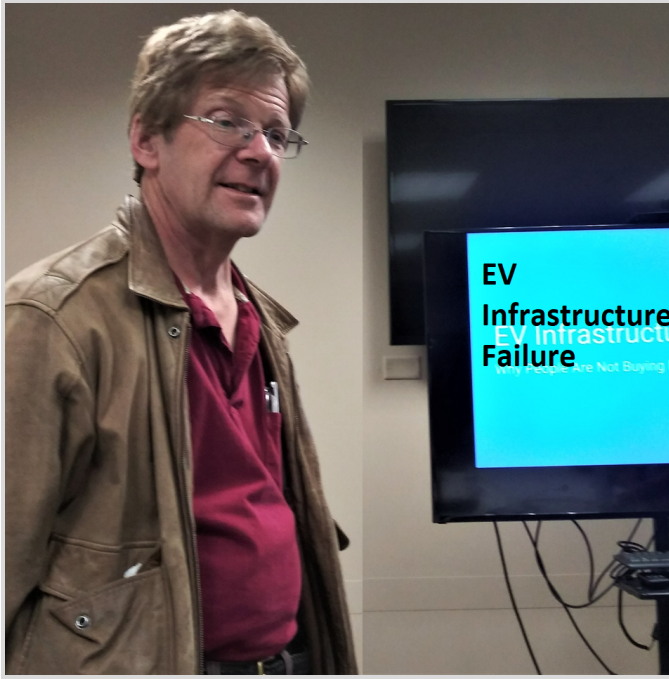
**Photos of our Meeting October 21, 2022**

Bruce Jones

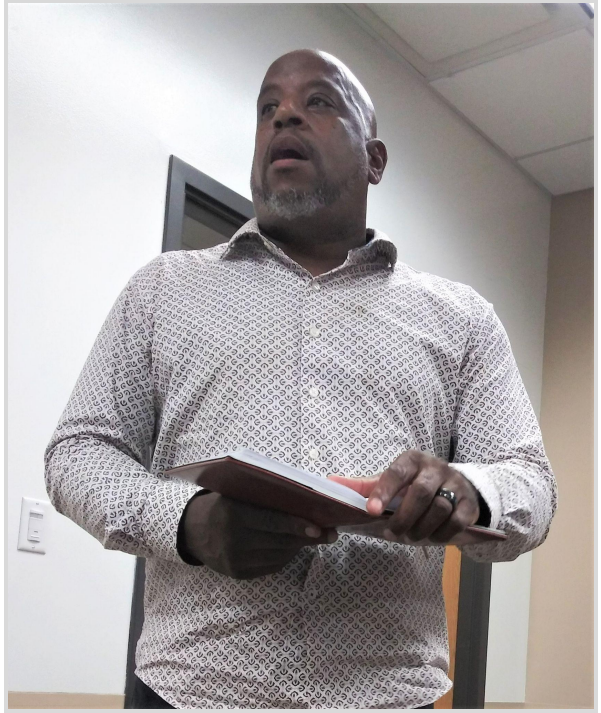


**Photo of our Oct. 21st, 2022 meeting attendees at CCC**





**Simon presents on EV Infrastructure Failure. Nicely done Simon!**



**Garlan Garner provides another fascinating talk on Tesla and AI. Thanks Garlan!**

**Welcome the FVEAA's new Charter Business Sponsor!**

Ted Lowe

Say welcome to our new sponsor: **Chicago Area Clean Cities (CACC)**! CACC sponsored the north NDEW EEvent with the help of Rich Hirschberg and Samantha Bingham. Our website sponsor's page (<https://www.fveaa.org/sponsors>) has been updated as well as the sponsors listing in this newsletter. Thank you for your support and welcome aboard!

**FVEAA business cards available!**

Ted Lowe

See one of the officers to get some cards to hand out to people at various EEvents and daily life to promote EVs and our organization!

# Fox Valley Electric Auto Association

PO Box 214  
Wheaton, IL 60187-0214

630-260-0424  
contactfveaa@fveaa.org

Free Yourself From The Pump<sup>fm</sup>



Join Us and Discover How!

Check [fveaa.org](http://fveaa.org) for details about our monthly meetings!



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 2022-11-16 04:58:12

## Website Registered User Statistics

Statistic	Value
Total Users	96
Users Never Logged In	36
% Active Users	62.5%
Ave. Days Since Last Visit	496.7 days

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>

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)

We currently have **70 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 2022-11-16 04:58:12

#### Count of Members by Type

Membership Type	Count	Paid Up
Business	1	1
Charter Business	1	1
Family	3	3
Individual	63	62
Lifetime	2	2
Totals	70	69

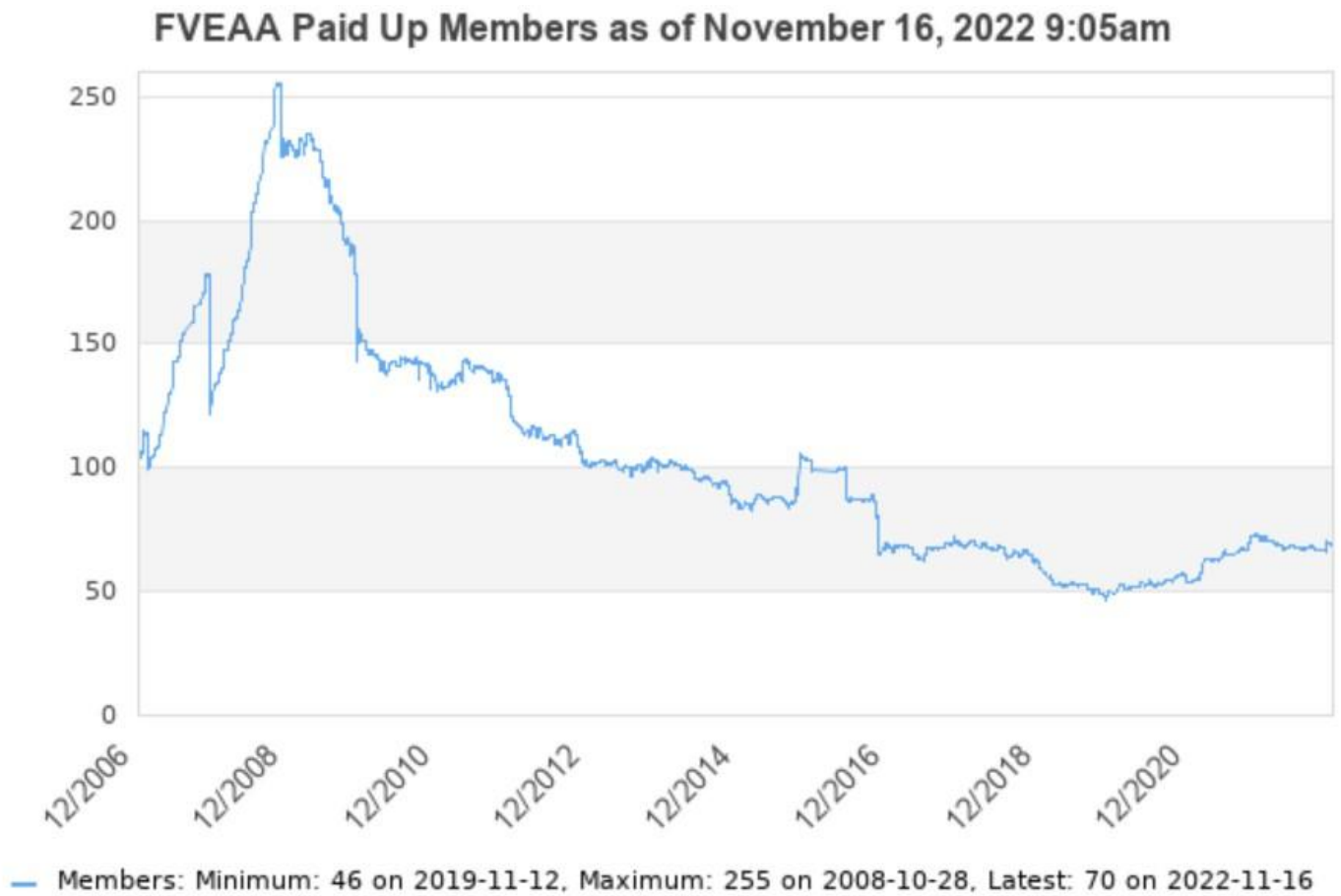
#### Other Statistics

Statistic	Value
% Paid Up	98.6%
Avg. Paid Up Days	364.3 days
% With Email	97.1%

**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!!!**



**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):



**THANK YOU** for your continued support of the FVEAA!

**Meeting Minutes - Oct. 21, 2022**

Bruce Jones

## **INTRODUCTIONS**

- **President Jeffrey Miller opened the on site and on-line Zoom meeting at 7:01**
- **Introductions were made all around for those attending in person and for those on line**
- **Welcome to first time visitors**
  - **Ted who traveled from Chicago and drives many miles in his Model 3**
  - **Kevin Sears from Yorkville formerly Longmont CO**
  - AND**
  - **Lad K. from Clarendon Hills who drives a Model 3, originally a member back in 1987!**
  - **Eduardo Fajardo – second time visitor who eventually wants a Model 3**

**Steve is still looking to sell his Unique Mobility EV [ib1777@yahoo.com](mailto:ib1777@yahoo.com)**

## **UPCOMING EVENTS**

- **Rich Hirshberg reviewed the upcoming events**
- **November 19th we will be back at Community Christian Church**
- **December 9th POT LUCK - HOLIDAY PARTY (NOTE 2nd Friday in December!!) will be at Marty Belovicz' Apartment complex in Arlington Heights.**
  - **3400 W Stonegate Blvd, Arlington Heights, IL 60005**
  - **Times: 7:00 pm to 9:00 pm**

## **ADJOURN**

- **The meeting ended at 8:52 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 Charter Business Members

<p><b>Chicago Area Clean Cities</b></p> <p>Samantha Bingham 2 N LaSalle St #950 Chicago, IL 60602 Email: <a href="mailto:info@chicagocleancities.org">info@chicagocleancities.org</a> Web: <a href="https://chicagocleancities.org">https://chicagocleancities.org</a></p>	 The logo for Chicago Area Clean Cities (CACC) features a blue oval with the words "CHICAGO AREA" at the top and "CLEAN CITIES" at the bottom. Inside the oval, there is a stylized illustration of the Chicago skyline, including the Willis Tower, with a sun rising behind the buildings.
<p>Chicago Area Clean Cities (CACC) is a 501(c)(3) not-for-profit working to promote the use of clean fuels for clean air in the Chicago area and throughout Illinois. Our coalition includes people from private business, academia, government, scientific research and energy and environmental services. Our main goal is to help with the adoption of cleaner transportation options.</p>	

## FVEAA Business Members

<p><b>EV Converters LLC</b></p> <p>Rolly Waller 130 Windsor Park Dr, C121 Carol Stream, IL 60188 Cell: 630-865-5744 Email: <a href="mailto:rollywaller@gmail.com">rollywaller@gmail.com</a></p>	 The logo for EV Converters LLC features a stylized black and yellow lightning bolt on the left, a black electrical plug on the right, and the text "EV Converters LLC" in a bold, sans-serif font in the center.
<p>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).</p>	