



## December 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 **December 9, 2022**  
**6:30** p.m. and will be **IN-PERSON** only

### Holiday Party Location:

3400 W Stonegate Blvd

Arlington Heights, IL 60005

Email Rich Hirschberg that you are coming and what you are bringing at [goafvs@yahoo.com](mailto:goafvs@yahoo.com)

In person only, no zoom

### Agenda

- 6:30 Party

### 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.

There will be a party! Food, music, trivia, and all the fun FVEAA traditions.

## November Meeting

Thanks to Ted Liu for presenting his various ways of living with a Tesla without home charging. Something I learned was that Hotels.com has the ability to filter for hotel charging, I had always just used Plugshare which also has a filter for lodging. I also discussed my recent trip and where things went well, and how I implemented various strategies that I have learned over the years to make it go smoothly. Hotel charging is great, but it doesn't always work out, so I plan my hotel stays near fast chargers, or at least where I have enough range to reach the next fast charger on my trip from the hotel.

## Preparing our country for the future

An acquaintance of mine is trying to put 27 charging stations in a Chicago condo building's parking garage. This building was converted from industrial to condos in 1999, so it is not an old electrical system compared to what it could be. He can't get electrical contractors to take him seriously or even offer a bid. I referred him to Kapital Electric, and even they said it isn't something they do. His issue is the building is out of capacity already, and so his expectation is that the 20+ unit building needs a service addition or upgrade. This is a pretty big task, but a fairly lucrative one. The lack of response is concerning. If anyone knows an electrical contractor who is definitely interested in doing a 27 charging station project in Chicago, let Jeff Miller know. I haven't spoken to the contractors myself, but my guess is they don't want to deal with Comed on expanding the service in the building.

## Comed now offers a three tier pricing option

<https://www.comed.com/WaysToSave/ForYourHome/Pages/TimeofDayPricing.aspx>

When I checked my account I got the message:

"Your account is currently ineligible because it is already enrolled in a conflicting program."

And the cause is:

"Customers with solar panels are required to be on Rider POG (Parallel Operation of Generation Facilities) or Rider POGNM (Net Metering) and are ineligible to participate in Time-of-Day Pricing. Additionally, customers who elect to participate in a community solar project (Rider POGCS) are also ineligible to participate in Time-of-Day Pricing."

One of the advantages compared to Residential Real Time Pricing is you can leave this at any time, with no one year minimum. As usual for Comed though, it might take a few months to make the change. Just be aware that the prices on the comed site right now are the winter prices. Summer prices will be different, and likely much higher for the super peak. This COULD be an improvement from RRTP, however I would really like to see the summer rates published three months in advance of their start, so you can make an informed decision to stay or exit the program before they go into effect. Certainty in pricing is good though, and for that, this is an improvement and could be a real help for some of us.

## Articles I found interesting

<https://electrek.co/2022/12/02/watch-tesla-semi-500-mile-trip-bill-gates-said-wasnt-possible/>

Link provided by Tracey McFadden

The Tesla semi is finally making it's way into the world.

<https://www.youtube.com/watch?v=FRnp3NiMPmU>

For those that don't remember, Tracey McFadden's version of Jingle Bells debuted at our Christmas party a couple of years ago.

I found this interesting link to the Smithsonian Libraries:

Electric Vehicles July-Dec. 1914 <https://library.si.edu/digital-library/book/electricvehicles51914chic>

It's about 236 pages so a little light reading...

Continuing on the EV Charging Infrastructure I found this article:

Shocker: EV charging infrastructure is seriously insecure

[https://www.theregister.com/2022/11/15/ev\\_charging\\_infrastructure\\_sandia/](https://www.theregister.com/2022/11/15/ev_charging_infrastructure_sandia/)

This comes at a time when auto manufacturers are getting serious about vulnerabilities especially as they try to make all features a subscription based model...

The transmission manufacturer, ZF's Improved Modular Electric Drivetrain Arrives in 2025

<https://www.caranddriver.com/news/a42054204/zf-modular-electric-car-drivetrain-2025/>

which is interesting for those following drive train technology. I doubt they'll be available for individual EV builders.

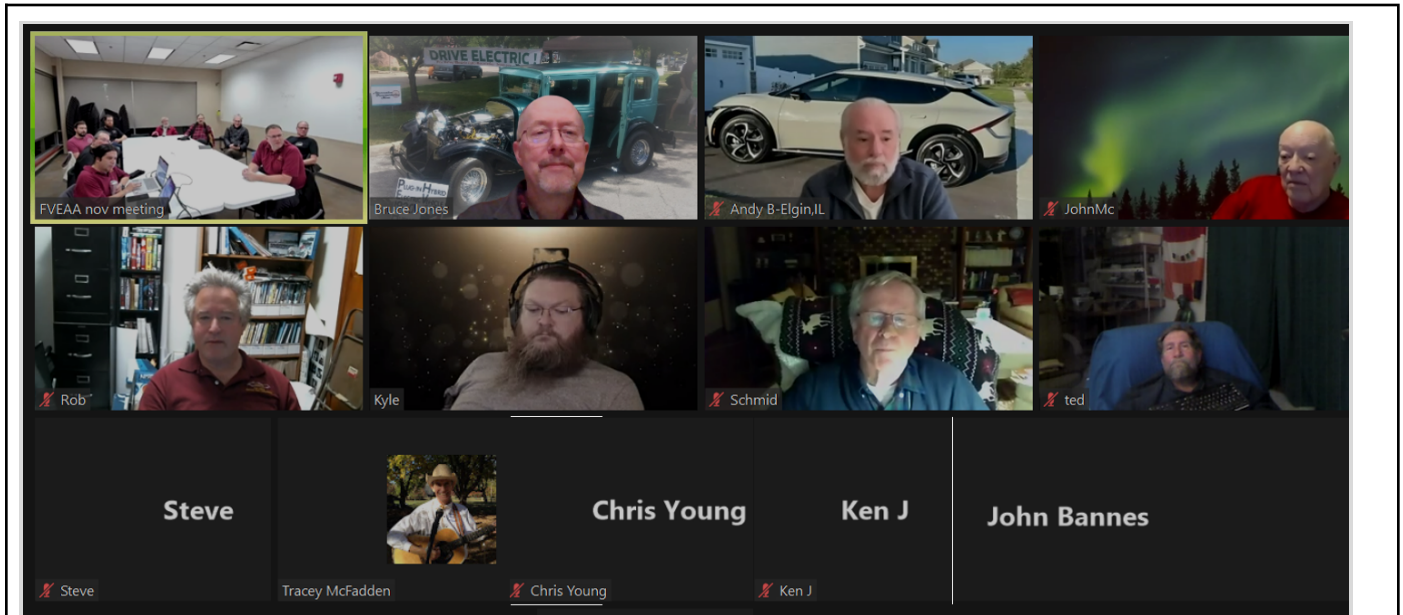
Perhaps my next project will be investigating and reporting on the latest available EVSE units that home owners can install...

## Upcoming EVents - Summer/Fall 2022

Rich Hirschberg

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

- Location: 3400 W Stonegate Blvd, Arlington Heights, IL 60005
- Times: 6:30 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 Simon playing their stringed instruments.
- Bruce's FVEAA 2022 summary of events/ activities presentation
- 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.



**November 18, 2022 Meeting, on-line and in-person at CCC**



**President Jeff (R) leads the Nov meeting**



Ted Liu presents

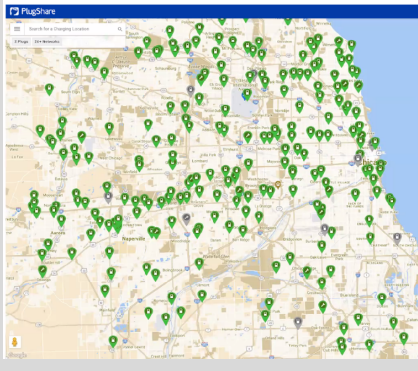
● EV life with no home charger

And

● Road trip strategies and charging

Thanks Ted!!

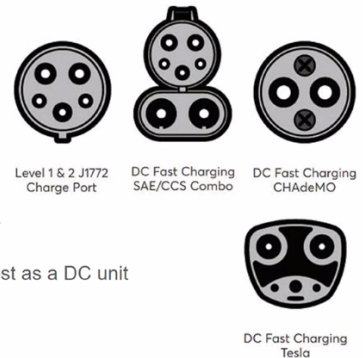
AC stations - J1772, NEMA 14-50 plugs



Chicago area

Public charging comparison

- DC for long distance
  - Expensive to install and maintain
  - More suitable for corridors, interstates
- AC for local driving
  - Lower power and equipment requirements
  - Delivery infrastructure already here
  - Can install more AC plugs for the same cost as a DC unit
  - Perceived slow
- Is refueling faster than charging?
  - Paradigm shift - plug in and walk away vs tending a fuel pump then moving car



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 EVent 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 2022-12-05 04:58:12

### Website Registered User Statistics

Statistic	Value
Total Users	99
Users Never Logged In	38
% Active Users	61.6%
Ave. Days Since Last Visit	489.3 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 2022-12-05 04:58:11

**Count of Members by Type**

Membership Type	Count	Paid Up
Business	1	1
Charter Business	1	1
Family	3	3
Individual	64	63
Lifetime	2	2
Totals	71	70

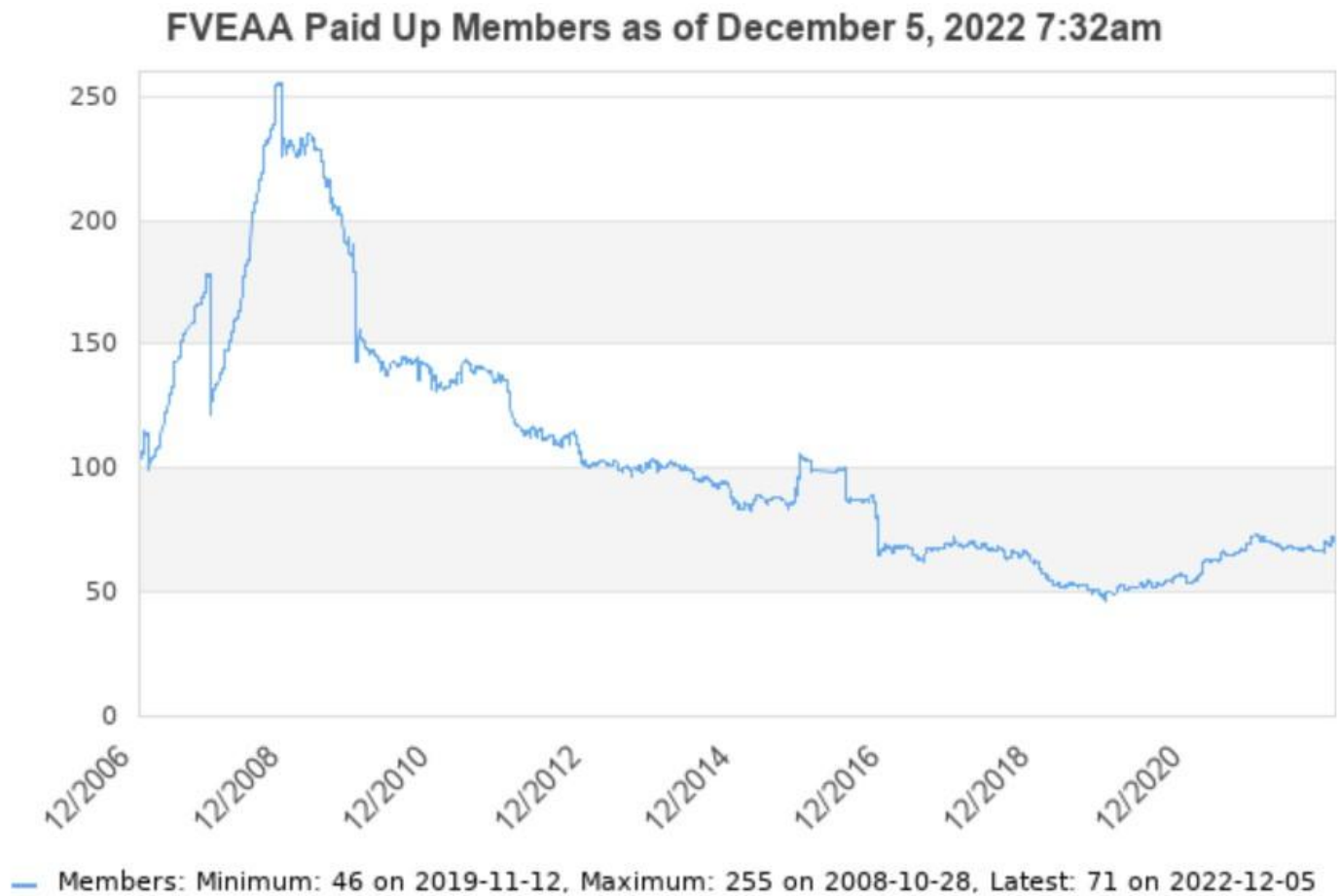
**Other Statistics**

Statistic	Value
% Paid Up	98.6%
Avg. Paid Up Days	366.7 days
% With Email	97.2%

**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 7:03
- Introductions were made all around for those attending in person and for those on line

Ted Liu, New Member had 2 Presentations.

Thanks Ted for personal insights on these important EV areas

- EV life with no home charger
  - Early charging landscape
  - ICE Phase out
  - Public charging comparisons and needs
  - Current strategies (for those who don't have charging at home)
  - My use case
  - Future strategies
  - In the Chicago area
  - AC station locations
  - DC station location
  - Sample Charge times
- Helpful References
  - [https://en.wikipedia.org/wiki/Phase-out\\_of\\_fossil\\_fuel\\_vehicles](https://en.wikipedia.org/wiki/Phase-out_of_fossil_fuel_vehicles)
  - <https://smartfinancial.com/average-miles-driven-per-year>
  - Charge time calculator <https://evcompare.io/charging-calculator/>
  - <https://www.inforum.com/news/fargo/group-pushes-for-requiring-electric-vehicle-chargers-at-fargo-apartments>

And

- Road Trip Strategies and Charging

We apologize for the technical difficulties on the second half presentation

## UPCOMING EVENTS

- Rich Hirshberg reviewed the upcoming events
- 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 8:57 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

### Chicago Area Clean Cities

Samantha Bingham  
2 N LaSalle St #950  
Chicago, IL 60602  
Email: [info@chicagocleancities.org](mailto:info@chicagocleancities.org)  
Web: <https://chicagocleancities.org>



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.

## 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).