



September 2024 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 **September 20, 2024**
7:00 p.m. and will be IN-PERSON and on-line

Location:

Unitarian Universalist Society of Geneva
102 S 2nd St, Geneva, IL 60134

MAP: [📍 Unitarian Universalist Society of Geneva](#)

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

Topic: FVEAA Monthly Meeting

Time: Fri September 20, 2024 6:45 PM CT (pre-meeting setup check),
Meeting 7:00 PM

Join Zoom Meeting:

[Zoom Meeting Link](#)

Dial-in for audio-only users: Call: 312-626-6799
Enter Meeting ID when prompted: 95901481473#
Participant ID: (blank, just #) *6 mutes/unmutes

Agenda

- 6:45 Virtual Meeting Starts (to test connections)
- 7:00 Introductions
- 7:40 William McDaniels will show and discuss the new Netgain Micro 880 motor
- 8:10 break
- 8:15 Nominations and Election of the board
- 8:45 Tracey McFadden with an update on his adventures in EV Advocacy

- 9:00 Close

August Meeting

I have received quite a few positive notes about my Kicking Gas presentation, and I appreciate them! I was surprised when I figured out how to do a whole electric house on 100 amp service, and even more surprised when I realized it could even support car charging using dynamic charging rate capable stations and load monitoring. This isn't for everyone, but it's impressive to me that it is even possible. The money savings are likely to be substantial as people do this.

September Meeting

William McDaniels is bringing a Netgain Micro 880 motor and data on what applications it works in. The Micro 880 is a series of motor designs, with each having a different capability. As with all things Netgain, it's for people building vehicles, and the power and weight of these is in a class that you don't see very often. I do hope many of you will attend to learn more. When I checked the Netgain site, I couldn't yet find information about these, so they are very fresh!

Next up is elections, Simon has fled the country leaving an open spot on the board. I can't help but wonder if the change in Democratic party ticket has caused him regret for leaving so early in the election cycle? I am joking as I know he left to help out with his in-laws in the UK. Come participate in the FVEAA's democratic process.

Positive Impact of EV Ready legislation

Since Illinois has passed legislation requiring new construction to have conduit ran, and space in a breaker box for a charging station, it was just a matter of time before one of my customers would benefit from that build, and it happened. A couple of weeks ago in a new condo in Schaumburg I installed a charging station using the preinstalled conduit and it saved the customer money, and made for a nicer install. The only downside is they put it up so high that if I put the station in above it it would take much of the cable just getting back to the ground, so it ended up to the right of the box with a foot of conduit. The other issue was that none of the knockouts on the extension rings were going to line up with the conduit entrance on the left side, with the station mounted on the stud.

What I did was use two 1.25 inch deep box extension rings to extend the existing box in the wall out beyond the drywall. A deeper single box had the conduit too far back, and interfered with the drywall. Two shallower extensions put the conduit on the surface at the right distance from the wall to be in line with the opening on the charging station. I then ran into an LB style conduit body, which is a piece I frequently use in installations with the Charge Point CPH 50 stations. They don't have much room inside to maneuver so I find it helpful to have easy access to the wires just below the station. Sometimes this is as much as a foot or two away, but so long as I can reach both ends at once to slide the wire in with one hand and seat it into the connectors with the other, that is good enough.

As you can tell, that is a Hyundai branded Chargepoint CPH50, which is consistently rated as one of the best charging stations out there. When it initially came to market it was priced at \$700, and it didn't make sense, but at their current pricing of \$550, it's a reasonable price for a

good station. It does allow you to set the amperage, however it doesn't offer any dynamic features like the Emporia kit.

See below for a picture of the install.



Vice President's Words

Tracey McFadden

I finally got around to getting solar panels installed on my home. It was important to have them installed by January 1st 2025 to ensure I was able to take full advantage of Com Eds net metering. The system is 8.28 kW with a production estimate of 8,500 kWh/year. Jeff Miller was instrumental in finding the best company (SunRx) to do the job. I am eagerly looking forward to seeing what actual electric production will be from the panels. Stay tuned.

It was a busy month for me in the PR department. Com Ed paid me to use my VW id.4 for a photo shoot last month. It was quite interesting watching professional actors practice their trade as they pretended to plug into an EV charger and unload groceries from the back of my car. My wife, daughter and I also did a VW photo shoot on a rooftop parking lot at 180 North Franklin in Chicago. The ad can be found on the VW EV Facebook and Instagram pages.

I spoke briefly at an Illinois Senate subcommittee hearing on transportation at Elgin Community College. I emphasized that Chicago needs to electrify their bus fleet and was featured on WGN news that night. What a surprise!

Finally, a big shoutout goes to our secretary, Bruce Jones, for bringing his Hupmobile to the Concours d'Elegance Car Show in Geneva on August 25th. It attracted a lot of business for a fundraiser sponsored by the UU church where we hold our meetings. They raised \$1700 for Habitat for Humanity. Stay charged!

PHOTOS OF August 16, 2024 MEETING

Tracey McFadden



Aug. 16, 2024 FVEAA Meeting at the Unitarian Universalist Society of Geneva

Carillon Car Show 8/24/2024

Bruce Jones

Thanks to Tim Moore for coordinating our participation in this car show at Carillon!



Chevy Equinox at the Carillon car show



Variety of cars at the show



Red Ford Mustang Electric among the cars displayed at the Carillon car show

Geneva Concours d'Elegance 8/25/2024

Bruce Jones



8/25/2024 At the Concours d'Elegance in Geneva, Tracey McFadden under the canopy with men from the Unitarian Universalist Society selling cold water and drinks on a VERY hot day. The team sold LOTS and lots of cold drinks! There was also a lot of interest in the Hupmobile

Plug-in Hybrid and many folks who said they would try to make it to an FVEAA meeting,



Thousands and thousands of people attended, with hundreds of beautiful cars to look at.

Upcoming Events -

Rich Hirschberg

***If you know of upcoming car shows, cruise nights, parades, or get-togethers, please shoot me an email - GoAFVs@yahoo.com

Upcoming Events – Fall

1. The Carillon Club Car Show (Bruce Jones) or tim moore

[<timothymoorehome@gmail.com>](mailto:timothymoorehome@gmail.com)

Carillon Coordinator Linda Negele [<izzabob3@gmail.com>](mailto:izzabob3@gmail.com) 248-701-7054

The HOA clubhouse - the intersection of 95th and 248th in Naperville, IL

about 1 mile west of the intersection of 95th and Route 59.

Saturday, Sept 21, 9 a.m. - 12 noon

Showing EVs will be part of a fair to educate HOA residents on environmental issues.

2. NDEW 1 - Northern Event (Rich Hirschberg)

Saturday, Sept. 28th

Old Library Parking Lot, Grove Ave., Elgin, IL

10 am to 3 pm

LINK: <https://driveelectricweek.org/event?eventid=4531>

3. NDEW 2 - Southern Event (Marty Belovicz & Bruce Jones)

Saturday, Oct. 5th

Fox Valley Mall, Aurora, IL

10 am to 4 pm

LINK: <https://driveelectricweek.org/event?eventid=4512>

4. Midwest Soaring - In Honor of Our Ancestors

Oct. 12-13

DuPage County Fairgrounds

LINK: <https://MidwestSoaring.org/eventinfo.html>

FVEAA Members will display vehicles

5. Electric & Hybrid Vehicle Tech Expo - North America

Oct. 7-10, 2024

Huntington Place, Detroit, MI

<https://www.evtechexpo.com/en/home.html>

The Battery Show and EVT Expo is moving! Now entering its 14th year, North America's largest advanced battery event taking over Huntington Place in Downtown Detroit this October.

Electric & Hybrid Vehicle Technology Expo brings together engineers, business leaders, top-industry companies, and innovative thinkers to discover ground-breaking products and create powerful solutions for the future.

More than 19,000 attendees are expected to take advantage of four full days of educational sessions, networking opportunities and, of course, explore the latest market innovations from over 1,150 exhibitors across one of the world's largest battery technology trade shows. Become part of this great event!

Take care,

Rich Hirschberg

(c/t) 847.347.7171

Email: GoAFVs@yahoo.com

FVEAA business cards available! Ted Lowe

See one of the officers to get some cards to hand out to people at various EV events 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^{fm}



Join Us and Discover How!

Check fveaa.org for
details about our
monthly meetings!



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

Ted Lowe

You can use the many membership-only tools on our website after you login! 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 2024-09-18 04:58:10

Website Registered User Statistics

Statistic	Value
Total Users	116
Users Never Logged In	39
% Active Users	66.4%
Ave. Days Since Last Visit	820.6 days

FVEAA On Facebook - Join Us! Like Us!

Ted Lowe

The **FVEAA Facebook group** has 135 members as of 1/17/24! 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_Pgp6g-HEuMICWMO2akPw

Membership Update Ted Lowe

Keep an eye on the **active paid-up** members count! 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 2024-09-18 04:58:09

Count of Members by Type

Membership Type	Count	Paid Up
Charter Business	1	1
Family	4	4
Individual	62	62
Lifetime	2	2
Totals	69	69

Other Statistics

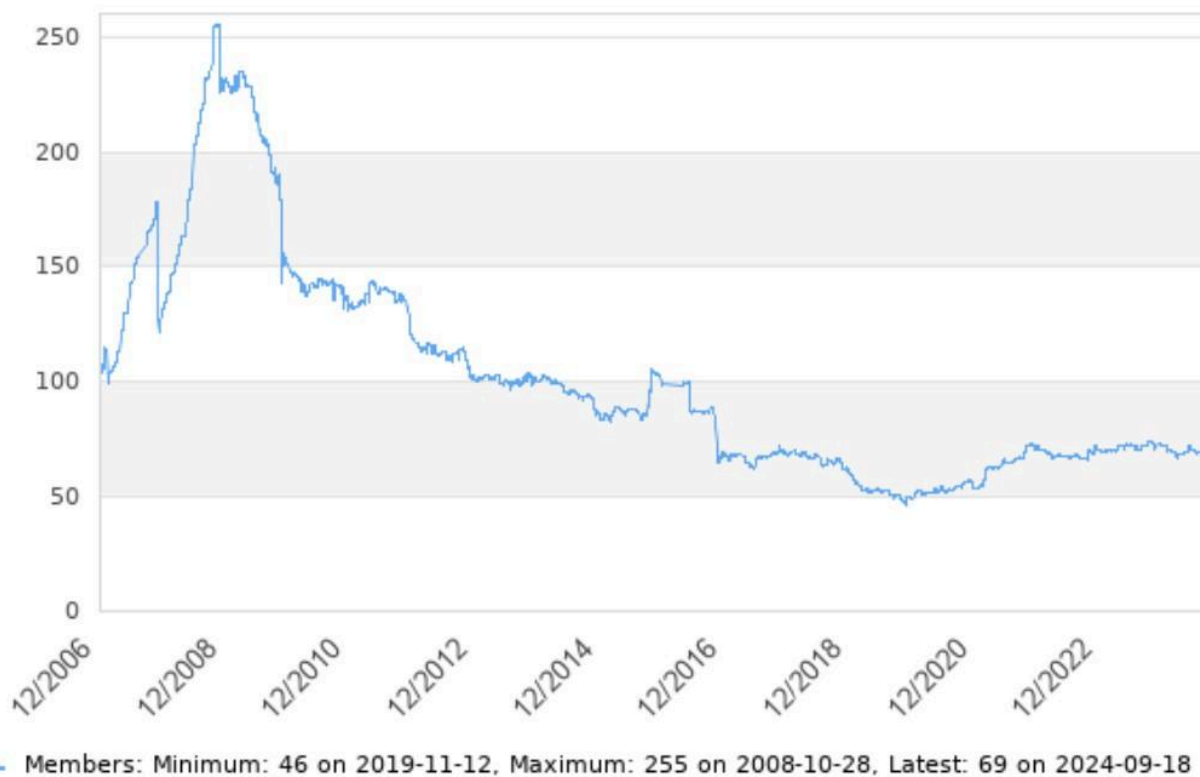
Statistic	Value
% Paid Up	100.0%
Avg. Paid Up Days	333.7 days
% With Email	97.1%

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 September 18, 2024 8:45am



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!

Notes

- The meeting was well attended with 12 people in the Unitarian Universalist Society of Geneva building and 8 people on zoom.
- A new unintended (and well received) format was used where the first 50 minutes was open discussion vs introductions.
- The discussion was very lively with input from many members.
- Chris Sharp is working on the history of FVEAA. He discussed how he had received some 1999 newsletters from Dave Aarvold, an FVEAA former member from the 1990's (previously from Dekalb). Jeff agreed to scan the material and have Ted put it up on the website.
- Dave Aarvold brought up many interesting discussion topics including the recent Mercedes EV underground fire in Korea and EV battery recycling.
- Many other topics were discussed.
- Jeff Miller gave a 45-minute presentation on "How to Kick the Gas habit,"
- Details of his presentation (PowerPoint slides) will be available on the FVEAA website.

Members in Attendance:

- Dave Aarvold
- Chris Sharp
- John Balk
- Ted Liu
- Alfred Kitch
- Larry Haynes
- Howard Hansen
- William McDaniel
- Dave Martinsen
- Don Brown
- Tracey McFadden
- Jeff Miller

Members on Zoom:

- Chuck Carrington
- Ted Lowe
- John McGowen
- Mike Moravek
- Bob Kaplow
- Marty Belovicz
- Andy Schaefer
- Ken Johnson

FVEAA Membership Application Form - Version 2023-12-04

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 (1 year), \$38 (2 years), \$56 (3 years)
Business	\$100
Premier Business	\$250
Charter Business	\$500
Youth (21 or younger)	\$10

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

Illinois Alliance for Clean Transportation (IACT)

Samantha Bingham
2 N LaSalle St #950
Chicago, IL 60602
Email: info@il-act.org
Web: <https://il-act.org>



Illinois Alliance for Clean Transportation (IACT) (formerly known as Chicago Area Clean Cities) is a 501(c)(3) not-for-profit working to promote the use of clean fuels for clean air throughout Illinois. Our alliance 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.