



## September 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 **September 16, 2022**  
7:00 p.m. and will be **IN-PERSON** and **VIRTUAL**

### **NOTE DIFFERENT MEETING LOCATION FOR September**

Wheeler Park South Pavilion  
822 N 1st St, Geneva, IL 60134

MAP [Wheeler Park - Geneva](#)

Shelter is due west of the Playground, exact location:

GPS coordinates 41.89391153800885, -88.30505172368927

Park in the lot on the south side of the park (north of North St, near the Stone Creek Mini Golf Course at 101 North St, Geneva, IL 60134)

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 August 2022 Monthly Meeting

Time: Friday August 19, 2022 6:45 PM CST (pre-meeting setup check), Meeting 7:00 PM

#### **Join Zoom Meeting:**

<https://us02web.zoom.us/j/95901481473?pwd=UmpJVUJOUmVPOFZqR013ZFpPbzM0UT09>

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 August 2022 Meeting**

**Time: Fri August 19, 2022 7:00 PM CST**

## Agenda

- 6:45 Virtual Meeting Starts (to test connections)
- 7:00 Introductions
- 8:00 Howard Hansen on Fully Charged
- 8:30 break
- 8:35 Jeff Miller with an update on the EV credits in the Inflation Reduction Act
- 9:00 Close

## President's Words

Jeff Miller

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

### August Meeting

Thanks to Drew from DuPage County Forest Preserve for giving us an update on their fleet. We then got the privilege of drooling over Chris Rojas' Rivian pickup truck, so thanks to Chris for coming out with it. We wrapped the meeting up early because the rain showers were coming for us.

### September Meeting

Firstly I want to thank John Balk for reserving the location for our September meeting in Geneva. He not only did the paperwork with the city, he also paid for it, so special thanks for that! First up Friday we have Howard Hansen fresh back from Fully Charged to show us what he saw. After that I will give an update on the Inflation Reduction Act credits.

### Buying another EV?

If you are thinking about buying a Bolt, I have noticed that the 2023's are showing up at dealers. There is uncertainty about if they will get the Federal tax credit next year. There is also uncertainty if the Illinois state credit will still have money left in it next year. Buying a Chevy Bolt (either regular or EUV version) before the end of September might be a good idea. The first quarter of disbursements ends on September 30th, so buy it and get it submitted before month end to have the best chance of getting the \$4000 from Illinois. For those who want to take a bigger chance for a bigger reward, waiting until next year could get you anywhere between \$0, and \$11,500 depending if the Bolt qualifies for the full Federal rebate or not, and if the state of Illinois still has money left. To further complicate things, used cars still have substantial values, and that may not be the case next year. I checked my 2017 Bolt Premium and it has a value around \$23,000, and I paid \$19,000 in January. A new 2023 Bolt has a MSRP of \$25600, and I see at least one Bolt EUV at an Illinois dealer for \$29,835. So in theory I could upgrade for about \$8000 before the Illinois rebate. \$4000 from Illinois would bring the upgrade down to \$4000.

Chevy does have an immense amount of Bolt batteries to recycle and recycled batteries count as locally sourced materials for the Inflation Reduction Act. They also build the batteries in the US at a joint venture

with LG, so it's possible for the Bolt to get the \$7500 next year. As I write this I don't plan to upgrade, however I reserve the right to change my mind at any time.

## EV charging install credits return

I haven't read the relevant section of the law, but I have seen enough articles to believe that the federal charging station install credit has returned. However my understanding is that it is only for 2022 and 2021, so get your project done before the end of the year. If you did a project in 2021, check with your tax person to see if you want to revise your previous filing.

<https://www.irs.gov/forms-pubs/about-form-8911>

Illinois also has a charging station rebate for companies or organizations. The company has to pay the electrician a prevailing rate to install it, but since they are rebating a substantial amount, it would be worth it.

[https://www.reddit.com/r/electricvehicles/comments/q2lok9/illinois\\_to\\_rebate\\_80\\_of\\_electric\\_vehicle\\_charger/](https://www.reddit.com/r/electricvehicles/comments/q2lok9/illinois_to_rebate_80_of_electric_vehicle_charger/)

<https://afdc.energy.gov/laws/all?state=IL>

<https://www2.illinois.gov/epa/topics/ceja/Pages/default.aspx>

## Events

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.

## Articles I found interesting:

[https://www.greencarreports.com/news/1137082\\_nissan-approves-first-us-bidirectional-charger-for-leaf-warranty](https://www.greencarreports.com/news/1137082_nissan-approves-first-us-bidirectional-charger-for-leaf-warranty)

Bidirectional charging on Leaf! I will caution that all of the bi-directional charging systems I have seen so far are thousands of dollars in equipment alone, and could easily be thousands more to install. The equipment is expensive because they are taking high voltage DC through the DC fast charging pins, and then converting it to AC in an external inverter. For the Leaf that means connecting the CHADEMO to get the DC out for the inverter. If you live off grid, then this might all make sense, but for most of us, this cost is high for a backup power source. Also if your next car doesn't have CHADEMO, then this is obsolete.

[https://media.chevrolet.com/media/us/en/chevrolet/vehicles/equinox-ev/2024\\_detail.html/content/Pages/news/us/en/2022/sep/0908-equinoxev-reveal.html](https://media.chevrolet.com/media/us/en/chevrolet/vehicles/equinox-ev/2024_detail.html/content/Pages/news/us/en/2022/sep/0908-equinoxev-reveal.html)

The Equinox is looking very promising on price and capabilities.

<https://arstechnica.com/gadgets/2022/09/google-maps-can-now-pick-the-most-efficient-route-for-evs/>

<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/>

<https://arstechnica.com/science/2022/08/new-aluminum-sulfur-battery-tech-offers-full-charging-in-under-a-minute/>

To me this screams to be grid storage. It meets every criteria, and a fixed industrial installation can more easily work with its constraints.

<https://www.theguardian.com/business/2022/sep/12/housebuilders-lobbied-against-plan-for-electric-car-chargers-in-new-homes-in-england>

*(A new feature of the Newsletter . . . perhaps Simon will provide articles in future editions?!)*

<https://www.greencardepollution.com/product-page/electric-vehicle-ev-hand-tools-ppe>

I am considering getting proper safety equipment  
Simon

## NATIONAL DRIVE ELECTRIC WEEK EVENTS

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

- Location: Spring Hill Mall, West Dundee, IL
- 10:30 am to 3:30 pm
- Featuring many different EVs, Ride-N-Drives, alternative fuel vehicles, **EAGL Awards**.
- From NDEW Site: This EV-event is the first of two that the **Fox Valley Electric Auto Assn.** (FVEAA.org) produces. It is on the **north** side of the **old SEARS store** and in front of the old **bookstore** in the mall where the charging stations are. We have our other event on Sat., Oct. 1st at Fox Valley Mall in Aurora. We are the Northern Illinois chapter of the EAA and are excited to share our experiences of owning, driving, learning about, and wearing the "EV Grin". With **Nissan** as the National Sponsor and member's OEM and home-built EVs present to check out, there's sure to be something that you find interesting and maybe take for a test drive.
- Free to attend & display your vehicle
- [National Drive Electric Week • FVEAA - Northern NDEW Event • West Dundee, IL • Sep 24, 2022](#)

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

- Location: Fox Valley Mall, Aurora, IL
- 195 Fox Valley Center Dr., Aurora, IL 60504-4106
- Times: 11:00 am - 4:00 pm
- This event is to allow non-EV drivers the ability to learn from local dealers and current EV drivers the real EV experience. You'll see member's OEM vehicles as well as home-builts.
- Featuring many different brands and club member's EVs, Ride-N-Drives, the EV Grin.
- Free to attend & display your vehicle
- [National Drive Electric Week • FVEAA-Fox Valley Mall Drive electric • Aurora, IL • Oct 01, 2022](#)

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

- Location: 3400 W Stonegate Blvd, Arlington Heights, IL 60005
- Times: 7PM to 9:00PM
- Details: What to bring - potluck, what to expect - FUN!
- Rich's Holiday Trivia
- Four charging stations available, and possibly more nearby

## 8/19/2022 FVEAA Meeting at DuPage County Forest Preserve District Headquarters - Danada

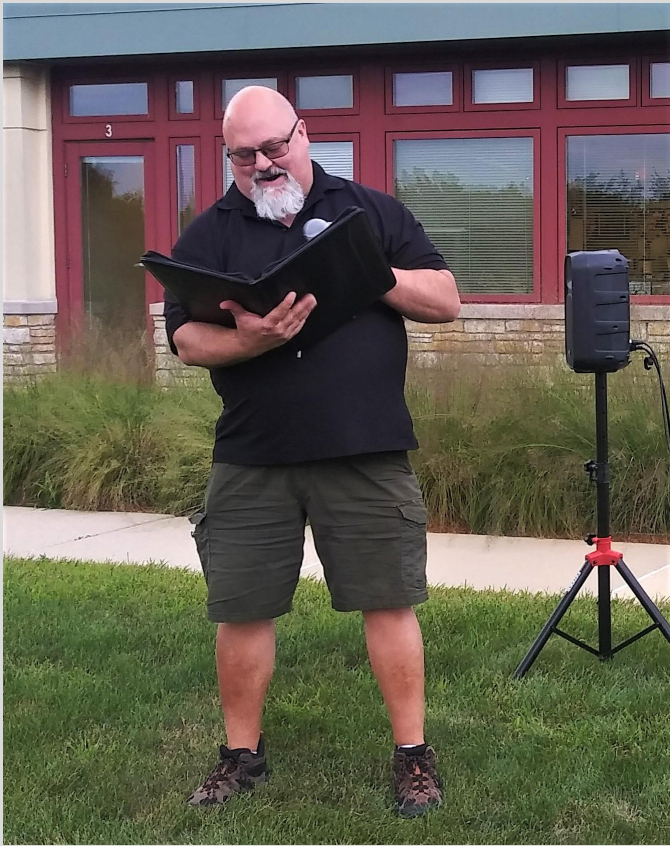


**Marty runs the outdoor meeting communications while Jeff kicks off the meeting**



**Chris Rojas shows off his new Rivian, with Fred Kitch looking through the central storage compartment**





**Drew Bergenthal provides an update on DuPage County Forest Preserve District's renewable energy efforts and alternative-fueled vehicles.**



**Jeff and his Model 3**



**Marty and his Bolt**



## Drew Bergenthal describes two of the District's electric vehicles to Ted Lowe (r)

New FVEAA business cards available!

Ted Lowe

i ordered another box of 500 cards (for \$5.99, so 1.2 cents each :-). See one of the officers to get some cards to hand out to people at various 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<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 2022-09-13 04:58:08

### Website Registered User Statistics

Statistic	Value
Total Users	91
Users Never Logged In	33
% Active Users	63.7%
Ave. Days Since Last Visit	510.7 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 2022-09-13 04:58:08

**Count of Members by Type**

Membership Type	Count	Paid Up
Business	1	1
Family	3	3
Individual	61	60
Lifetime	2	2
Totals	67	66

**Other Statistics**

Statistic	Value
% Paid Up	98.5%
Avg. Paid Up Days	310.8 days
% With Email	97.0%

**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 13, 2022 4:05pm



#### 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

- President Jeffrey Miller opened the OUTDOOR and on-line Zoom meeting at 7:01 outside the DuPage County Forest Preserve District headquarters

## DREW BERGENTHAL - DUPAGE COUNTY FOREST PRESERVE DISTRICT UPDATE

- Drew Bergenthal, who met with us last year as well, provided an update from the DuPage County Forest Preserve District on sustainability and renewable efforts
- He described several ways they are expanding sustainable transportation, for instance by purchasing 2 or 3 Ford Lightning trucks, an eTransit delivery vehicle, 2 Ford Hybrid Interceptors and many other alternative fueled vehicles.
- The Willowbrook fleet facility is going geothermal and solar in a massive way
- They are installing a quantity of 747 solar panels x 450 Watts each to provide a whopping 330kW of DC power which will provide 100% of that facility's electrical needs.
- Part of the money to pay for this is coming from grants and Friends of the Forest Preserve
- Drew also described two of the District's electric vehicles which were there as well.
- Regarding Illinois Electric Vehicle Rebate Program, Drew provided me with a hardcopy of a presentation from Samanta Bingham, the Clean Transportation Program Director of the Chicago Department of Transportation. And Coordinator of Chicago Area Clean Cities
  
- Resources from that presentation are listed below
- EV and PHEV List:
  - [www.shift2electric.com/evinfolist](http://www.shift2electric.com/evinfolist)
- Alternative Fuel Data Center:
  - <https://afdc.energy.gov/fuels/electricity/html>
- Vehicle Comparisons:
  - [www.FuelEconomy.gov](http://www.FuelEconomy.gov)
- Incentive Updates:
  - [www.ChicagoCleanCities.org](http://www.ChicagoCleanCities.org)
- Illinois EPA EV Rebate Program FAQ:
  - <https://www2.illinois.gov/epa/topics/ceja/Pages/Electric-Vehicle-Rebates.aspx>
- Thanks Drew!

## EV Tour

- Ted Lowe then did a tour of the parking area with EV owners providing a description of their vehicles. This was recorded on Zoom and should be available to view next month.

## REBATES

- Jeff Miller had a final few words and if anyone has questions about the various EV rebate programs to contact him. (maybe we'll hear more next month?)

## GENEVA CONCOURSE D'ELEGANCE CANCELED

- Much to our disappointment the Geneva Concourse d'Elegance originally scheduled for Aug 28 (a wonderful car show) has been canceled by the show organizers

## **OFFICER NOMINATIONS**

- Nominations were opened for next year's FVEAA officers and board
- Six of the seven existing officers present and on-line accepted nominations, noting that Rich Hirschberg, an existing Board member was not in attendance (but has since been nominated and accepted).
- Those who have accepted nominations:
  - Jeffrey Miller - President
  - Tracey McFadden - Vice President
  - Ted Lowe - Treasurer
  - Bruce Jones - Secretary
  - Board of Directors:
    - Marty Belovitz
    - Simon Gibson
    - Rich Hirschberg
- No one else in attendance was nominated
- Nominations will finalize, and voting will occur at the next meeting in September

## **ADJOURN**

- Due to the impending rain heading in our direction the meeting officially ended early, but near dark at around 8 p.m. with everyone encouraged to stay and chat if they wished

**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).