



# January 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 **January 21, 2022**  
**7:00 p.m. on Zoom****

We are using the Zoom video-conferencing platform to hold this VIRTUAL 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 January 2022 Monthly Meeting

Time: Fri January 21, 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](https://us02web.zoom.us/j/95901481473?pwd=U<br/>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 January 2022 Meeting

Time: Fri January 21, 2022 7:00 PM CST

### Agenda

- 6:45 Virtual Meeting Starts (to test connections)
- 7:00 Introductions
- 7:30 Bruce Jones - Amending Naperville EVSE codes and ordinances

- 8:00 Break
- 8:05 Ian McLeod - His heat pump and efficiency journey
- 9:00 Close

## President's Words

Jeff Miller

### December Meeting

Thanks to everyone that braved the traffic to come all the way to Dukes in Crystal Lake. Tracey and Bruce provided some excellent entertainment and I am sorry if you missed it. They did comedy, and music, and while the comedy definitely generated more than its share of groans, the music was good. Thanks again to Duke's for hosting us at their lovely facility.

I did have two Volts charge up at my house for their return journey saving a few pounds of CO2!

### January Meeting

Bruce is going to present first with a presentation on amending Naperville Codes and Ordinances for EVSE's. This work is very important for making Naperville EV ready for the future, and he is quietly setting an example for what the rest of us should be doing in our communities.

Ian McLeod is knowledgeable about Heat Pumps in the same way I am about charging stations. He started with a house with no insulation and gas heat and has turned it into a highly efficient home and has the data to prove it. Ian has a home energy monitoring system on all his heat pumps so he can isolate his usage and then compare it to the outside temperature. He also has some good methods to properly size HVAC systems based on actual usage. I am curious to see what he decides to present, and it may take more than one session for us to extract even a fraction of his knowledge on HVAC topics.

He has taken the road less traveled by reducing Natural Gas and I am excited to hear all about it.

### Recent Events

Many people have had Covid now due to the Omicron variant, including me, and from what I have seen is that for many people it is quite subtle and only a few people have severe symptoms. My family and friends have come through it ok so far, no doubt helped by everyone being vaccinated. I hope the same is true for everyone else. As I write this it is still spreading rapidly so we are meeting virtually this January.

### Car shopping again

I am shopping for another Bolt and hope to either find a lemon law buyback for cheap, or a clean title one for 17,000. I may end up paying more, but hopefully I get the premium trim if I do. It's still a tough market out there and I am not certain that things are going to get better this summer, but I don't expect it to. The Bolts are a bit strange as they are trickling out of the repair process with new batteries and as that volume increases we might see things improve. I believe it will probably be next winter before this really settles down and I really need a third car this year. This means I am going to pay a premium. I have tried to avoid it, but it's just where we are.

I have considered other options, but there just isn't anything else under 20k that meets my needs. I considered a 2018 Leaf but it's 150 mile rated range is a little close for comfort and the fast charger is a Chademo port, which limits its options. I shopped for a used Model S but at 30k and completely out of warranty it was too risky for me. I also considered a new id.4, but this car is destined to be driven by

teenagers, and I feel like the Bolt is a better choice for them, and my wallet.

## **My home improvement projects**

Before I started insulating the attic I repurposed the circuit that used to power an attic vent fan to power lights and a pull down extension cord up there. It isn't quite as bright as my garage, but it is brighter than my bedroom, and made the whole job of installing insulation much easier.

Attic insulation is complete! I didn't complete it until after Christmas as I had a broken rib for a few weeks. My plan to put down two layers of foam on flat 2x4's and then 1/2" plywood on top of that worked extremely well and was worth the effort. The point of this was to create access walkways to all of the things that need serviced, like the bathroom vent fans and service ways through the house for running cables.

As far as impact goes, my master bathroom ceiling now stays reasonably condensation free compared to before when it would be dripping wet everytime I took a shower. I have a good vent fan in there too, but it just had very little insulation over much of the ceiling due to all the can lights and fans. I buried all of that stuff under a fair bit of insulation and it is also noticeably warmer in there.

I blew 30 25 pound bags of cellulose insulation up there and it could have used a few more, but I suspect that is due to the us not having the machine set up correctly initially so we weren't getting correct lofting on the first 15 bags. Thanks to the gang that came over and helped with the insulation, it was a messy job, but we got through it.

I also put foam tape around the mating surface of the attic access hatch to reduce flow of air around the hatch. I glued 4 inches of foam on the hatch also to increase it's R value.

I don't know how long it will take to get my money back from that insulation project, as I was raising it from about R25 to about R50, but the places that were poorly covered definitely benefited from our efforts, and I am happy with the results even if I can't easily see them in my pocket book.

I also brought my house up to code on the number of smoke detectors by putting one in each of the bedrooms. I wasn't required to do this by anyone at this time, but I know Elgin requires some updating on smoke detectors any time a permit is opened there, and I would guess other towns may eventually follow suit. It's better to cut holes and run conduit before installing a pile of insulation over everything.

## **Articles I found interesting:**

### [The Power Outlet](#)

This is the newsletter from the Seattle EV group (SEVA) courtesy of our member John McGowen who used to live out there. It's interesting to see what they are up to.

<https://arstechnica.com/tech-policy/2021/12/new-york-city-bans-new-natural-gas-hookups-in-step-toward-all-electric-future/>

Not the first but the first US city in a northern latitude that I know of. I know this is going to be a long road, but we have to start at some point. I won't be taking my house off of natural gas for a while, however I do plan to add a heat pump to reduce my winter natural gas usage. I plan to go to a dual fuel setup, heat pump plus gas furnace. The set point when they flip over is configurable, and I might adjust that each fall based on the cost of natural gas.

<https://arstechnica.com/cars/2021/12/fedex-takes-delivery-of-its-first-electric-brightdrop-delivery-vans/>

<https://arstechnica.com/cars/2021/12/the-hyundai-ioniq-5-is-the-best-ev-weve-driven-in-2021/>

Hyundai and Kia are going 800v across the board on their new cars, and while I haven't seen them in

person yet they appear to be doing it properly.

<https://www.cnbc.com/2022/01/14/heres-the-full-list-of-the-best-selling-electric-cars-in-china-for-2021.html>

Interesting to see what is selling in China

### Upcoming Events

Rich Hirschberg

None to report at this time.

### Photos of our Event in December

Bruce Jones



**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 2022-01-17 04:58:09

## Website Registered User Statistics

Statistic	Value
Total Users	87
Users Never Logged In	34
% Active Users	60.9%
Ave. Days Since Last Visit	370.2 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 **69 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 2022-01-17 04:58:08

### Count of Members by Type

Membership Type	Count	Paid Up
Business	1	1
Family	4	4
Individual	64	62
Lifetime	2	2
Totals	71	69

### Other Statistics

Statistic	Value
% Paid Up	97.2%
Avg. Paid Up Days	333.5 days
% With Email	95.8%

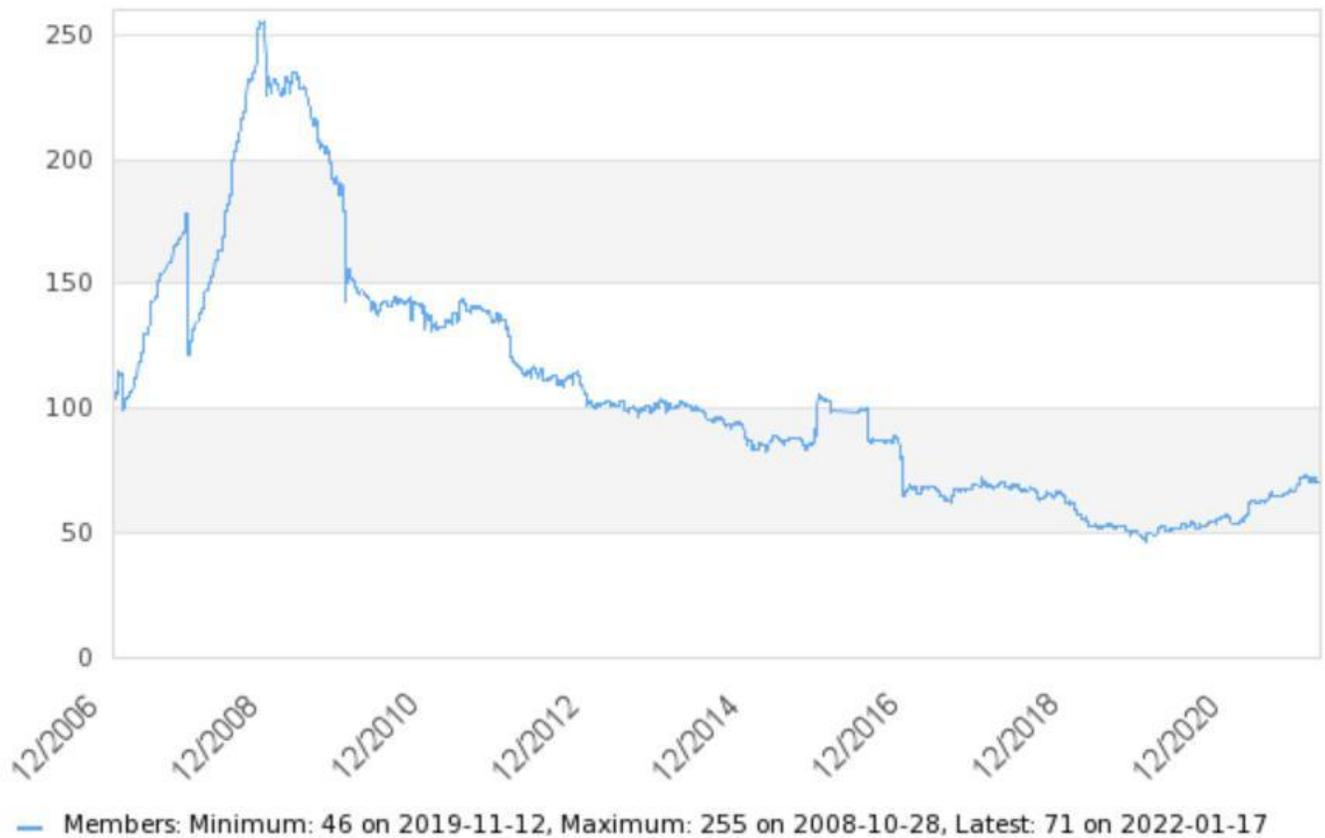
### Encouraging Our Membership To Grow and Some History

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 January 17, 2022 8:56am



### 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!**

- Jeffrey Miller, President, made a short announcement to start the holiday party at Duke's Ale House in Crystal Lake with 14 in attendance
- Food was great, we'd highly recommend it!!
- Weather was mild and very rainy
- Entertainment was provided by the "Tracy and Bruce unplugged" show complete with corny jokes (like really bad Dad jokes) and dual guitar variations on Christmas songs with lyrics related to Electric Vehicles. What fun!
  - IMIEV the Red Grilled EV - written by Tracey & /Bruce
  - Deck the Halls with E V S E written by Bruce
  - EV Jingle Bells written by Tracey
- The food was quite tasty... conversations were engaging, and it was great to see everyone
- The gathering adjourned about 9:00 p.m.
- Thanks Jeff for organizing the evening with good food! (did I say that already?)

**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).