



December 2021 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 10, 2021**

Duke's Alehouse and Kitchen

110 N Main St, Crystal Lake, IL 60014

7:00 p.m. In person Mask required **and Not on Zoom**

[Map to Duke's Alehouse](#)

Topic: FVEAA December 2021 Holiday Party

Time: Fri December 10, 2021 7:00 PM CST

Agenda

- 7:00 Food and fun at our annual holiday gathering
- 9:00 Meeting Close

President's Words

Jeff Miller

November Meeting

In November I spoke about the various projects I did while on vacation in Arizona. Curt and I installed "Dishy MvFlatface" for Starlink internet service. We fixed his problems with a lack of grounding in his subpanels, removed the Challenger brand circuit breakers from his main panel, as they are a known fire hazard, and eventually got his charging station to actually charge his car. It was the second most involved charging install I have done, but not because it needed everything, but because the house had so much wrong. Starlink works so much better at his house now that it doesn't have gaps in coverage and I am hoping to try Starlink for my house in 2022.

We also looked at my use of Comed Residential Real Time Pricing (RRTP) and tried to determine if it is as good of a deal for me as it once was. Most of 2021 my average price has been above the Comed BES (basic electrical service) rate in my town. I have moved back to the standard billing system with a fixed rate.

December Meeting

We have reserved a room at Duke's in Crystal Lake for December 10th. Put it on your calendar and come celebrate another successful year helping people learn about EVs! The FVEAA is going to pay for some appetizers and soups. Duke's has various good vegan options if you prefer that, and I routinely order their

vegan chili. I feel like it is better than my own. If you want to charge at my house please arrive by 6:30PM so we have time to get organized and charging before we carpool over to Duke's. If you need longer than 3 hours of charging time, let me know and we can work that out too.

Recent Events

Vaccines and boosters are on the front of my mind as we enter winter. If anyone reading this isn't vaccinated, and hasn't had an appointment to ask your doctor, go ask your doctor. If you were vaccinated more than six months ago, start looking into boosters. I was vaccinated over 6 months ago and recently got my booster.

My home improvement projects

With a fresh roof installed we are now waiting for the hardware to come in. The downside of having the latest and most efficient panels is that they just started making them, and even though they are made in the USA it might be a couple of weeks before they arrive yet.

While I wait for my solar system to get installed I have decided to improve the insulation in my home. First up is the attic, my friend Curt is coming to town and we are going to put decking in key places in the attic on top of additional insulation, and then blow insulation in the remaining open attic. We should get up to at least r50 if not r60. We will also be stopping airflow through gaps up there as cellulose packs in pretty well to stop movement. The decking will be placed to provide easy access to equipment that needs maintained like the bathroom vent fans and cables that come up from the basement for internet etc. As I also plan to do Starlink I am also looking to provide work space up there to route it's cable and maybe do some nice mounting system that doesn't involve a 30 foot ladder.

I also plan to apply spray foam to the joist area in my basement to stop air flow and provide better insulation. I estimate that this will cost me about \$600 in materials to do myself.

Articles I found interesting:

<https://arstechnica.com/cars/2021/11/nissan-announces-halfhearted-ev-strategy-after-fumbling-its-lead/>

<https://arstechnica.com/cars/2021/11/a-good-ev-a-road-trip-with-and-review-of-the-ford-mustang-mach-e/>

<https://carbuzz.com/news/kia-ev6-smashes-teslas-world-record>

<https://arstechnica.com/science/2021/11/bill-gates-nuclear-power-company-selects-a-site-for-its-first-reactor/>

<https://arstechnica.com/cars/2021/11/subaru-shows-off-its-first-electric-vehicle-the-solterra-suv/>

<https://arstechnica.com/cars/2021/11/kia-teases-a-big-electric-suv-with-the-ev9-concept/>

<https://arstechnica.com/science/2021/11/can-we-run-our-trains-using-big-batteries/>

<https://arstechnica.com/cars/2021/11/heres-what-the-infrastructure-bill-means-for-road-safety-and-evs/>

<https://arstechnica.com/cars/2021/11/lithium-metal-hybrid-battery-promises-lighter-longer-range-evs-by-2025/>

<https://arstechnica.com/science/2021/11/its-time-to-delete-carbon-from-the-atmosphere-but-how/>

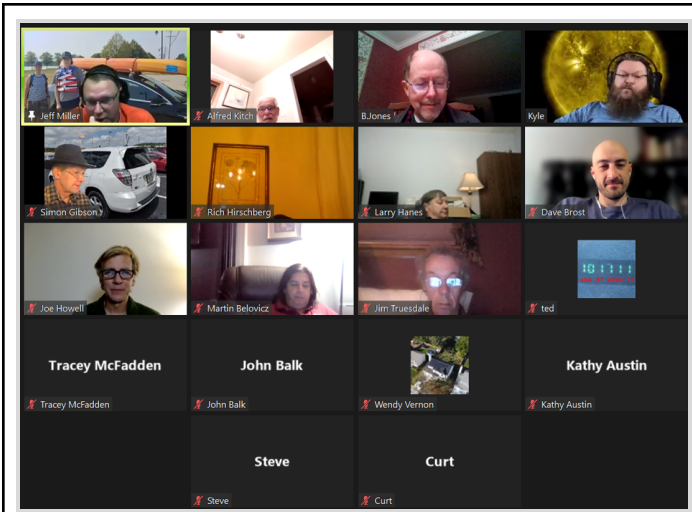
<https://arstechnica.com/cars/2021/11/hyundai-hints-at-ioniq-7-with-its-latest-concept-ev-seven/>

<https://cleantechnica.com/2021/11/30/toyota-ev-strategy-explained-affordability-vs-range/>

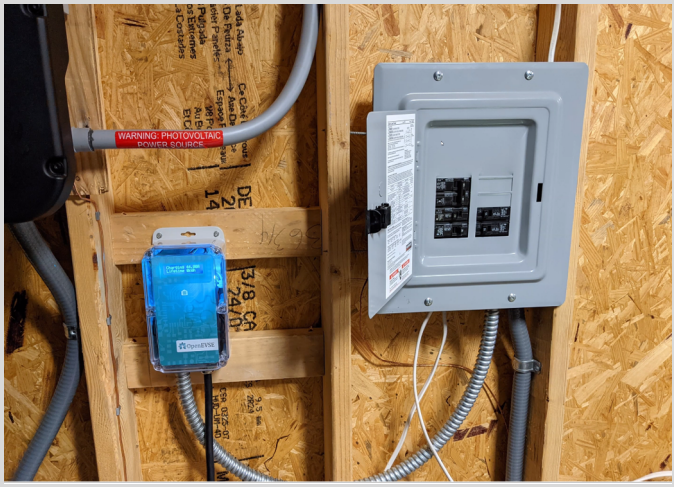
Upcoming Events Rich Hirschberg

None to report at this time.

Photos of our Events in November Bruce Jones



Attendees at the November 19th Meeting



Jeff did an excellent job wiring an EVSE for Curt Lusby in Arizona, and fixing various electrical issues along the way. And...



Jeff's experience with ComEd Residential Real Time Pricing



Jeff thanks for fixing the Clipper Creek Charging Station !

Jeff fixed the Clipper Creek charging station at CCC when the top button/latch broke. Jeff once again came to the rescue

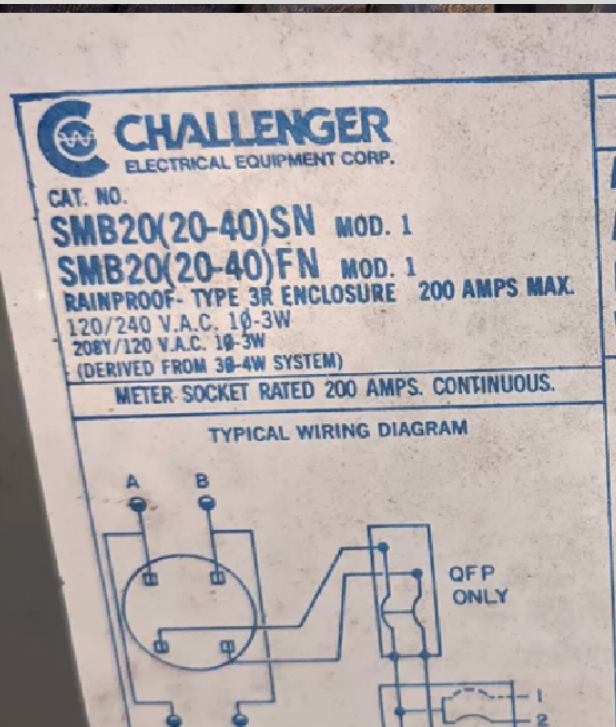


Connections on Curt's panel

CCC Charging Station Installed 7/21/2014



We have only had that one latch issue on the Clipper Creek since it was installed in 2014



Jeff overcame challenges with the notorious Challenger breaker panel



**Dishy
McFlatface**

And Jeff installed a Starlink “Dishy McFlatface” for Curt as well. Wow Jeff you’ve been busy!

Naperville ranks second in Illinois for most electric cars, trucks and SUVs, and federal infrastructure dollars could drive up those numbers

Article excerpts from Nov 26th Naperville Sun - owned by Tribune publishing co. subscriber link:

<https://www.chicagotribune.com/suburbs/naperville-sun/ct-nvs-naperville-electric-vehicles-st-1121-20211126-upqzwbjk2fevxo7y6wzz5fhi4u-story.html>

By Suzanne Baker Naperville Sun

A \$1.2 trillion infrastructure bill signed into law Nov. 15 by President Joe Biden to upgrade outdated roads, bridges and transit systems and create a national charging network for electric vehicles.

- Naperville has the second highest number of electric vehicles in Illinois, quadrupling in the last five years, from 302 in 2017 to 1,513 as of Oct. 15. Only Chicago has more, with 5,991
- Illinois ranks 35th in the country for its EV infrastructure.
- Naperville is taking steps toward rectifying that situation locally, adding more charging stations in the city and implementing other greenhouse gas reduction initiatives recommended in the Sustainable Naperville 2036 plan developed by the Naperville Environment and Sustainability Taskforce, or NEST.
- Naperville resident Bruce Jones, secretary of the Fox Valley Electric Auto Association and a NEST volunteer, said the only way more people will make the switch to EV is if there’s a system in place to support it.
- “One of the keys to electric vehicle adoption is providing affordable public charging, charging for multifamily housing, and charging at businesses for their employees who don’t have their own charging stations,” said Jones
- How much money Naperville might be able to secure remains an unknown at this point. It’s being distributed to individual states by the U.S. Environmental Protection Agency and the U.S. Department of Transportation, Clarkin said.

Thanks to Jeff for his input on the above suggestions! Bruce

State Electrification - Suggestions submitted by the FVEAA Officers/Board

State Electrification - Suggestions

- The FVEAA Officers/Board submitted four suggestions for the upcoming Metropolitan Mayors Caucus - Greenest Region Compact workshops. The purpose of the Illinois Commerce Commission (ICC) Beneficial Electrification (BE) Workshop process is to solicit input from stakeholders on the design of beneficial electrification programs that Ameren Illinois and ComEd must file with the ICC by July 1, 2022 and offer beginning in 2023 pursuant to the Illinois Electric Vehicle Act (EV Act 20 ILCS 627-45 v1).
- Our suggestions were submitted to Celia Johnson of Johnson Consulting, the facilitator, and covered the following topics:
 - Idea 1- incentives for EV car salesman to learn /sell EVs versus ICE cars - **Jeffrey Miller**
 - Idea 2- Education pamphlets for EVSE electricians and customers - **Simon Gibson**
 - Idea 3- EV readiness plan for IL (including Ordinance templates) - **Bruce Jones**
 - Idea 4- EV education - **Tracey McFadden**
- FVEAA would like to present on these ideas at a future Workshop meeting

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 2021-12-07 04:58:11

Website Registered User Statistics

Statistic	Value
Total Users	86
Users Never Logged In	34
% Active Users	60.5%
Ave. Days Since Last Visit	339.9 days

FVEAA On Facebook - Join Us! Like Us!

Ted Lowe

The **FVEAA Facebook group** has 113 members as of 12/7/21! 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

Membership Update

Ted Lowe

We currently have **68 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 2021-12-07 04:58:11

Count of Members by Type

Membership Type	Count	Paid Up
Business	1	1
Family	4	4
Individual	64	61
Lifetime	2	2
Totals	71	68

Other Statistics

Statistic	Value
% Paid Up	95.8%
Avg. Paid Up Days	320.2 days
% With Email	95.8%

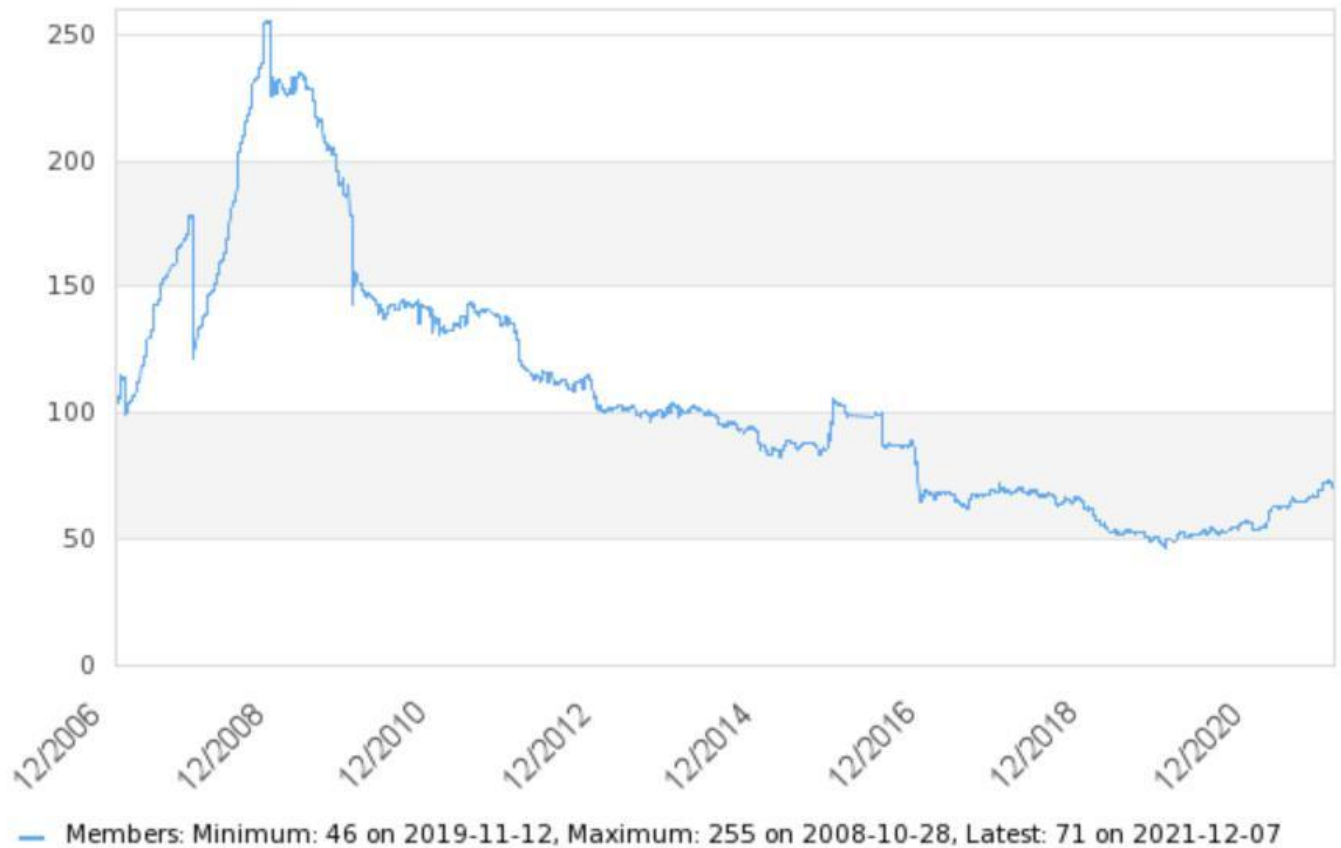
Encouraging Our Membership To Grow and Some History

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 December 7, 2021 9:32am



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, called the virtual meeting to order at 7:06 p.m.
 - He had the Initial welcome, with meeting attendees each introducing themselves
- Jeffrey Miller has been extremely busy with EV and EVSE related projects this past month!
- Jeff Miller presented on his electric installation adventures in Arizona
 - Jeff flew to Arizona to Curtis Lusby's home and was quite active. He installed an EVSE charging station, fixed various wiring, grounding and circuit breaker panel issues, and installed a Starlink Dishy McFlatface.
 - amazing
 - *(I assume Jeff flew in an airplane from Illinois to Arizona but with all the amazing things he has been doing it wouldn't surprise me if Jeff used his Superman powers and flew directly . . . BJ)*
- Break 8:15 - 8:20
- ComEd Residential Real Time Pricing (RRTP) program
 - Jeff M reviewed his ComEd Residential Real Time Pricing (RRTP) hourly rate charging program compared to the past.
 - When asked whether it is worth it, Jeff currently sees overnight hourly pricing not dropping as much as it used to (due to possibly additional overnight demand?)
- Broken CCC Charging Station – fixed!
 - At the beginning of November, Jeff responded to Bruce who said the CCC Yellow Box Clipper Creek charging station, that we installed in July 2014, had a problem with the plug which appeared broken.
 - Jeff sprang into action, bought a special security screw driver tool, and drove down from Crystal Lake to Naperville. He checked it out, took the J1772 plug apart and found the problem – a broken slide button/locking switch.
 - Jeff returned home, repaired the button and then came back down to fix the charger.
 - All within a week. Yay Jeff, Thank you!!!
- Dave Brost - qilo
 - Dave talked about his company qilo, about the need for using Smart Meter data which seems to be languishing.
 - He asked us to reach out to him to discuss our thoughts on Hourly Pricing, charging EVs, and/or electricity usage at home. Contact him at dave@qilowatt.com. Or check out their web site qilowatt.com
 - Many of us did not realize Illinois was the first state in the country and one of the only ones, to launch a statewide residential Hourly Pricing program. ComEd (and Ameren) customers have a different way to pay for electricity, charging them a supply rate that can change on an hourly basis, instead of the standard flat rate that stays the same 24/7.
- RAV4 EV motor
 - Simon Gibson discussed the situation regarding moisture getting into his RAV4 EV motor. Check it out at <https://photos.app.goo.gl/bijJ3XtkeCqKrmVt5>
- The meeting was adjourned at 9:20 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 Business Members

EV Converters LLC

Rolly Waller
130 Windsor Park Dr, C121
Carol Stream, IL 60188
Cell: 630-865-5744
Email: rolywaller@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).