



June 2018 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

Next Meeting

June 15, 2018

Starts 7:00 p.m. Ends 9:30 p.m.

Community Christian Church

1635 Emerson Lane

Naperville, IL 60540

[Google Map](#)

Agenda

- 7:00 Call To Order, Introductions & Welcome
- 7:15 Tony George: Latest in Modifying a Clipper Creek EVSE for commercial applications
- 7:55 Break
- 8:15 Jessica Miller: Tesla Family Vacation
- 8:30 Latest EVents and news

President's Words

Michael Willuweit

For those that attended the May meeting they know there is only one word to describe it, WOW! The night started with an amazing presentation by Dan Santini from Argonne National Labs. The presentation took us through the history of battery technology to recent developments and even extrapolated the shape of things to come with regards to the Lithium cells. We've come to know and love this past decade. Whether you were a novice or a battery expert, it was an informative and engaging talk.

We then went on a very long intermission to look at Adam's new Model 3. Adam was nice enough to trek over an hour to be at the meeting and shared some great stories of life with a Model 3 -- some of which I can't put into print. In the month between our last meeting I've seen a couple of 3's in the wild and will be interesting to see how many Elon can get to the market.

John Emde delivered a fascinating presentation on EV plates to cap off the meeting. For those that track plates we have hit the 9000 mark for the 'EL' plates and my guess is we'll hit 10,000 before Halloween, would be great if it went to a club member although plate 9999 might be a cool one to have as well.

Our June meeting should be another great one. We have Tony George coming back to the club to talk about his company, TGEP, and their latest work and data from their modified Clipper Creek EVSEs. That will be followed by a Miller family presentation on the ins and outs of a road trip in a Tesla Model S. Can't wait to hear about that! So push some electrons, or burn some dinosaurs if need be, and head over to Naperville this Friday, it's going to be another good one.

Adam Fendelman Model 3



Dan Santini presents Evolution of Battery Capabilities Enabling Plug-In Vehicles

Quad EVs

Four different EVs in one photo (counter clockwise front right to left and top) Black Tesla Model S, Toyota Rav4 EV, Hupmobile PHEV, and Nissan Leaf.



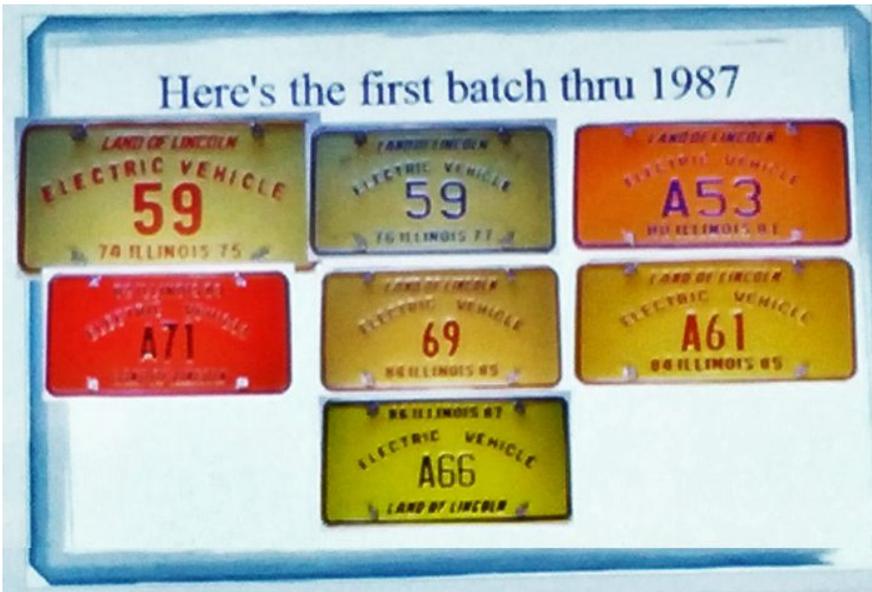
Mike shows his Tesla to J-1772 converter.



John Emde presents an early EV license plate collection from John and his friends



Adam's Model 3 Interior



Jeff Miller's Mitsubishi Outlander SUV PHEV

Ted's Tales

Ted Lowe

Mike asked me to write an article again this month, so i'm going to describe the EEvent that our President Mike Willuweit spoke at and other FVEEAers attended in Batavia. Mike brought his RAV4 EV, Rich Rezny had his Focus EV, Jeff Miller had his Tesla Model S and i had my Dakota EV.

This was the EEvent (which i believe Mike had a lot to do with organizing):



Electric Car Show

May 31, 2018 7pm - 9pm Batavia City Hall

Interested in going electric? Come chat with local EV owners about their cars! More info at www.wellbatavia.com

Evening will include a presentation by Michael Willuweit on Becoming an Electric Vehicle Driver & Green Ribbon Cutting for the NEW downtown EV Charger



The Event unfolded as follows.

First there was a short overview speech by the main Event organizer (standing near the tent, i'm sorry i forgot her name):



Then the Green Ribbon Cutting Ceremony was done. This officially “cutover” their dual ChargePoint EVSE installed in January. Mike held one end of the Green Ribbon and the other was held by another very involved person from the Batavia government (in the green shirt, i’m sorry i forgot his name too).



Long time Batavia Mayor Jeff Schielke then cut the ribbon with a very long pair of golden-handled scissors and shared a couple remarks:



Then Mike gave a great talk called “Become an Electric Vehicle Driver!” and did Q&A with the audience!



Short videos of the ribbon cutting ceremony and Mike's talk are in our Facebook group here:

<https://www.facebook.com/groups/889497691136309/permalink/1763214403764629/>

Finally, the rest of the night was attendees talking amongst ourselves and sharing details of our various vehicles, etc.

When i first arrived, i plugged my Dakota EV into the new EVSE for ceremonial reasons! They currently have it quite highly priced at 40 cents/kwh, so i didn't want to buy much at that price. I had previously charged nearby at our free EVSE at the Fox Valley Ice Arena :) Mike told me he is lobbying the city to lower the price so it will be used more. Another obstacle to this EVSE being used more frequently is that the two parking spots next to it are NOT marked "For EV Charging Only" or painted green. The parking lot is small and the city does not currently want to dedicate the two spots. i hope they will change their minds in the future and commit more fully to a electric-driving future!



Here is my Dakota on the left and Mike's RAV4 on the right. Our plates are only 109 numbers apart and we both got them in later part of Summer 2017.



Here is long time member Rich Rezny and i posing in front of an “Electric” Sunset and his beloved Ford Focus EV:



Finally, here is the remains of the Green Ribbon hanging on the newly dedicated Batavia EVSE! i wonder who took that for a fond memory souvenir?



Charge Forward Folks! Drive Electric!

FVEAA Facebook Page - Like Us!

Grant Gerke

<https://www.facebook.com/FoxValleyElectricAutoAssociation>

FVEAA Facebook Group - Join Us!

Ted Lowe

In October 2015, i created a Facebook group for the FVEAA and invited all the past and current FVEAA members i know that are on Facebook. There are 69 members as of 8/15/17. 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 will help to replace 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/>

We currently have **66 active paid-up** members, down one from last month! Please renew and recruit new folks!



FVEAA Membership Report

as of 2018-06-11 04:58:05

Count of Members by Type

Membership Type	Count	Paid Up
BusinessStd	1	1
Family	6	6
Individual	58	56
LifetimeInd	3	3
Totals	68	66

Other Statistics

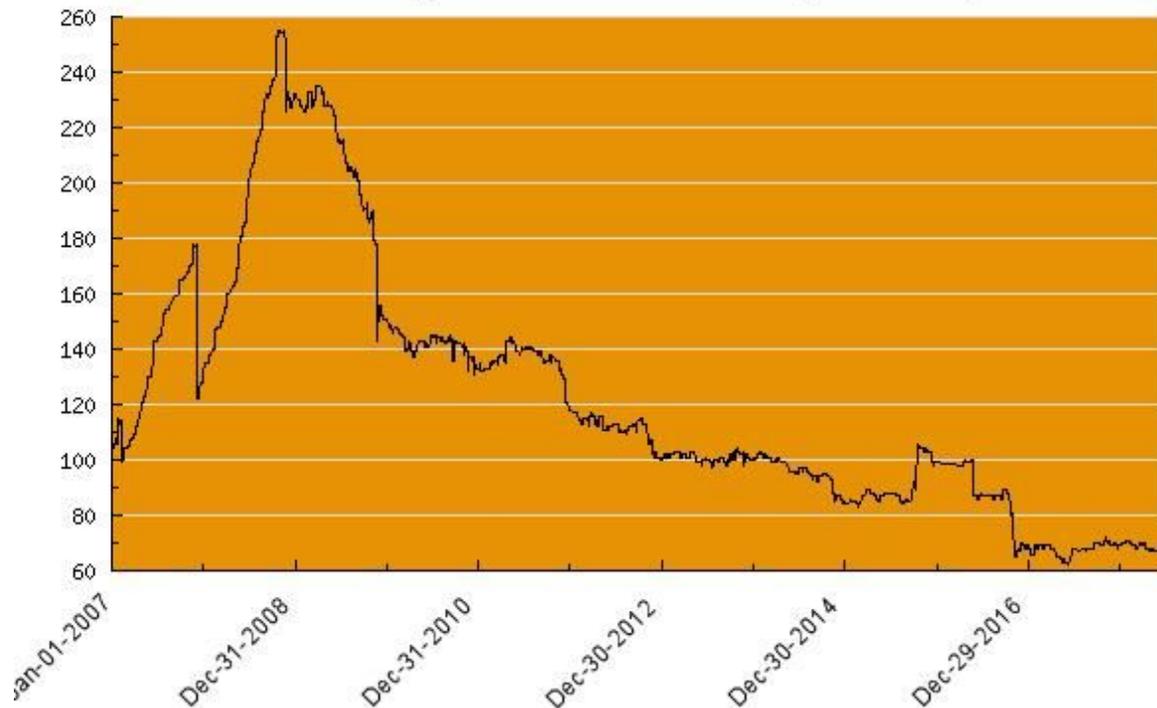
Statistic	Value
% Paid Up	97.1%
Avg. Paid Up Days	179.2 days
% With Email	95.6%

Encouraging Our Membership To Grow in 2018 and Some History

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 anytime, 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 about 255 members in the Summer of 2008 when gas was nearing \$5 per gallon. We were also attending lots more invitational EVents with our EVs. **Let's get out there and grow the FVEAA in 2018!!!**

FVEAA Paid Up Members as of June 11, 2018 8:49pm



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):

<http://www.fveaa.org/renew>

THANK YOU for your continued support of the FVEAA!

UPCOMING EVENTS

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July 21 Sat Rich Hirschberg's Summer celebration show – Schaumburg Home Depot [Home Depot Directions](#)
100 Barrington Rd, Schaumburg, IL 60194

July 21 Sat Bob Baker Cary United Methodist 847-525-5348 [Cary United Methodist Directions](#)
500 First Street Cary IL 60013 Time: 10 – 3

July 23rd Oshkosh experimental aircraft association

Meeting Minutes - May 18, 2018

Bruce Jones

Mike Willuweit opened the meeting at 7:10 p.m.

Battery Presentation

- Danilo (Dan) J. Santini a former Senior Economist at the Center for Transportation Research Energy

Systems Division at Argonne National Laboratories presented "Evolution of Battery Capabilities Enabling Plug-In Vehicles."

- Highlights from the presentation include such topics as cost effective batteries and EV pack cost estimates that projected Lithium ion battery costs far lower than what others thought back in 2012. He presented various comparisons of battery chemistries, costs and future projections.
- Lithium-Ion is difficult to do safely and Lithium-Iron phosphate is safer but less energy dense.

DOE projects that new battery chemistries are needed to get below \$100/kWh.

Break 8:15 to 8:40 p.m.

Model 3

- Adam Fendelman brought his brand new dark blue Model 3 sporting a detailer applied nano ceramic coating, wrap and tinted windows - one of the very first Model3s in the Chicago area.
- At 10pm March 31, 2016 to reserve his 310 mile range high end car Adam was the first in line at the Old Orchard Mall Tesla facility. By the time it opened the next day at 10a.m. the line was around the block. Adam has started Tesla Meetups and gatherings and is a huge supporter of the Model3.
- He also entertained us with several stories including an amusing encounter with Chicago police on Lake Shore Drive

EV License Plates

- After the break John Emde presented his collection of electric vehicle license plates
- John started collecting Electric Vehicle license plates back in 1980 and with some help from friends, amassed quite a collection of early Illinois Electric Vehicle plates.
- He also brought us up to speed on how his Honda Insight EV dragster is coming along.
- Steve said if there are issues with EV plates you may be able to contact the Special plates division

The Pres

- Mike Willuweit attended the May 17, Elmhurst eco car show at the Elmhurst Public Library 125 S. Prospect Ave., Elmhurst, IL 60126
- He also showed a Tesla to J-1772 conversion plug for use at Tesla destination chargers (not super chargers)

Meeting was adjourned at 9:30 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



Best Hybrid Batteries

Only The Best

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