



## April 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

**April 20, 2018**

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

**Community Christian Church**

1635 Emerson Lane

Naperville, IL 60540

[Google Map](#)

#### Agenda

- 7:00 Call To Order, Welcome
- 7:10 Samantha Bingham (Clean Transportation Program Director for the Chicago Department of Transportation) presenting on Midwest Evolve and how to activate EV drivers to promote EVs
- 7:45 Break
- 8:00 Introductions and Discussion
- 8:20 Jeff Miller: Update on Residential Charging project and EV purchases

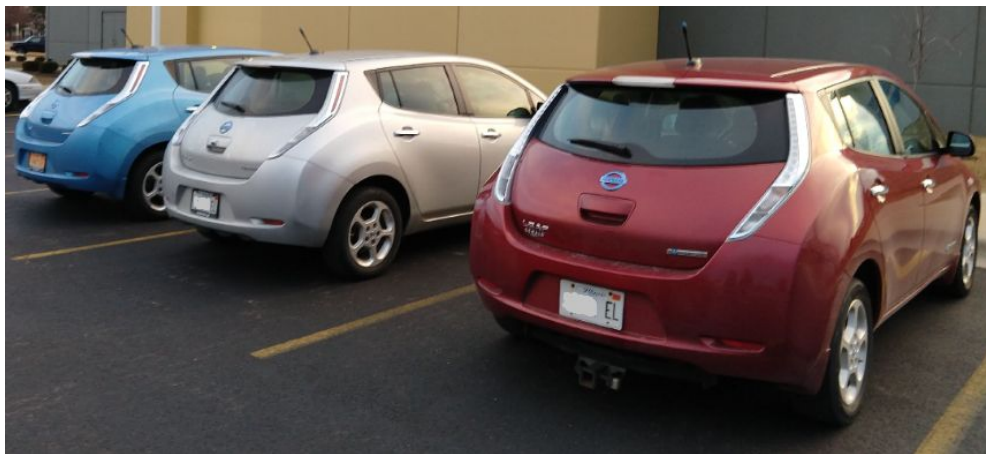
#### President's Words

Michael Willuweit

I missed last month's meeting and from what I hear, it was an outstanding meeting. Thanks to Vice President Rich Hirschberg for stepping in to ruin the meeting. Unfortunately, prior commitments will pull me away from this month's meeting too. Luckily, Rich will be there to lead the meeting, and what a meeting it looks to be. First, Samantha Bingham (who was unable to present last month) will be talking about the adoption of EVs in the Midwest and how the public and our government will work together to bring this change to our transportation and corresponding infrastructure.

In the second half of the meeting Jeff Miller will be updating on the progress of what I call the Midwest's largest residential home charging project. When all said and done, Jeff will have more EVSE's available than many dealerships. Jeff has also been busy researching and purchasing EVs to charge and he will share that news with those who haven't been following his posts on our forums.

It looks to be a great meeting and I hate to miss, but I hope you can make it out to this great Event!



Patriotic Leafs (Leaves?) at our last meeting in March owned (L to R) by Mike Padberg, Bruce Jones, Bob Baker. (Thanks to Ted Lowe for the photo)



Bob Baker presents “The Real Cost of My Car” referring to the red 2013 Nissan Leaf shown to the left



Rich Hirschberg described the Plug-in Hybrid and Full Electric cars at the Chicago Show, ( as well as EVs that were notoriously absent)



Bill Becker was a wealth of new ideas including solar powered vehicles

**Ted's Tales**

Ted Lowe

Mike asked me to write an article this month to impossibly fill in for Rich Carroll.

So i thought i'd update y'all on the Dakota project since getting it on road for last year.s NDEW EEvent to the present moment and some short term future plans.

I've been driving the Dakota steadily all Fall, Winter and ?Spring? since its road-inauguration last September. The mileage odometer now reads 94080 which means i've driven it 1577 miles since Sept. 2017. i really like the truck. It's useful, light and nimble.



i love that it is a quad-cab with much more interior space than my S-10 had.



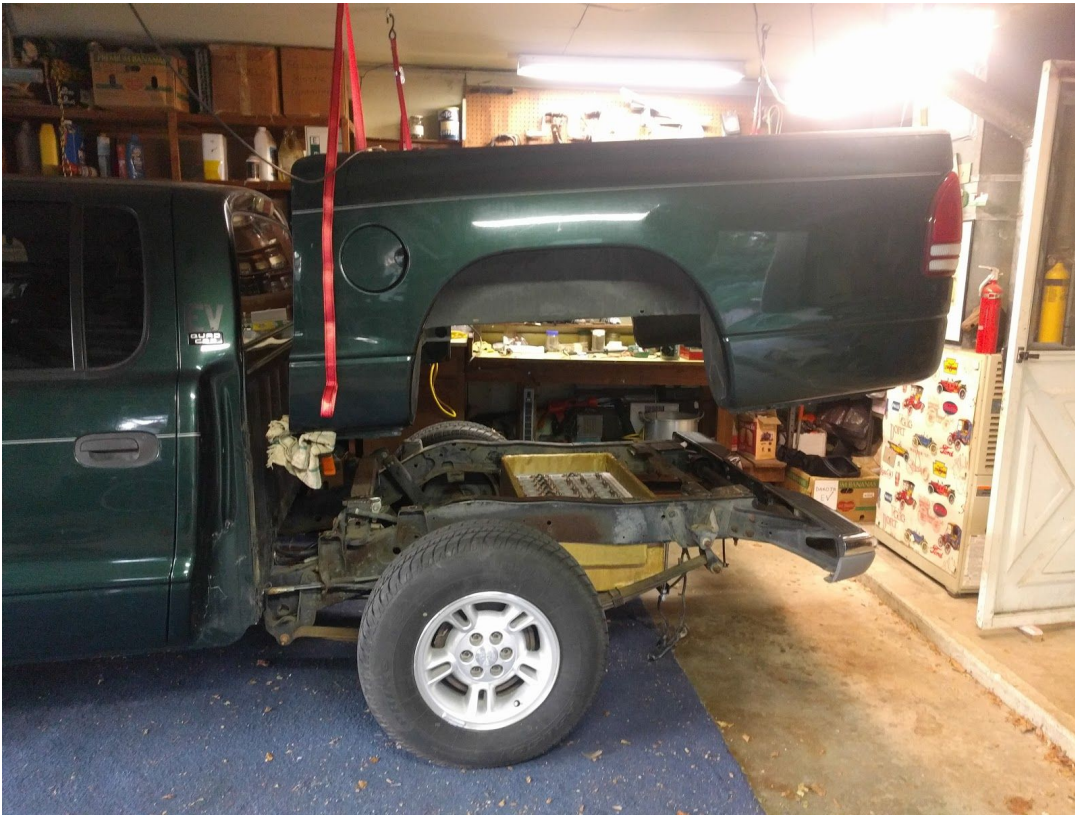
I've been using it for quite a bit of hauling... mostly for firewood for heating my home this Winter. And also sleds for FUN!



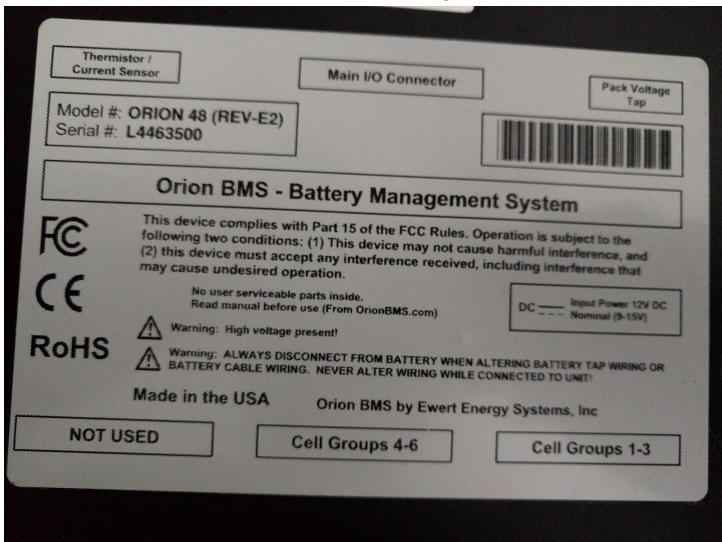
Forward projects include, but are not limited to.... Finding a permanent weather-proof place to mount the onboard charger. This quick kludge last Sept. has limited my driving some on wet days:



Creating a tilt-bed system. This was a quick kludge to get access to the rear battery box for NDEW:



And last but not least, when (IF?) the weather warms up, install the BMS system! Driving non-BMS-less during the Winter months has given me some concern because the pack voltage sags quite a bit and i'm concerned that some cells are dropping below their recommended operating voltage (2.5v). The BMS will give me data towards this concern and also protect the cells from overcharging on the top end. This will be the most complicated part of the Dakota project for sure. Please stay tuned for more.



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/>

**Membership Update** Ted Lowe

We currently have **67 active paid-up** members, same as last month! Please renew and recruit new folks!



**FVEAA Membership Report**  
as of 2018-04-17 04:58:05

**Count of Members by Type**

Membership Type	Count	Paid Up
BusinessStd	1	1
Family	6	6
Individual	58	57
LifetimeInd	3	3
Totals	68	67

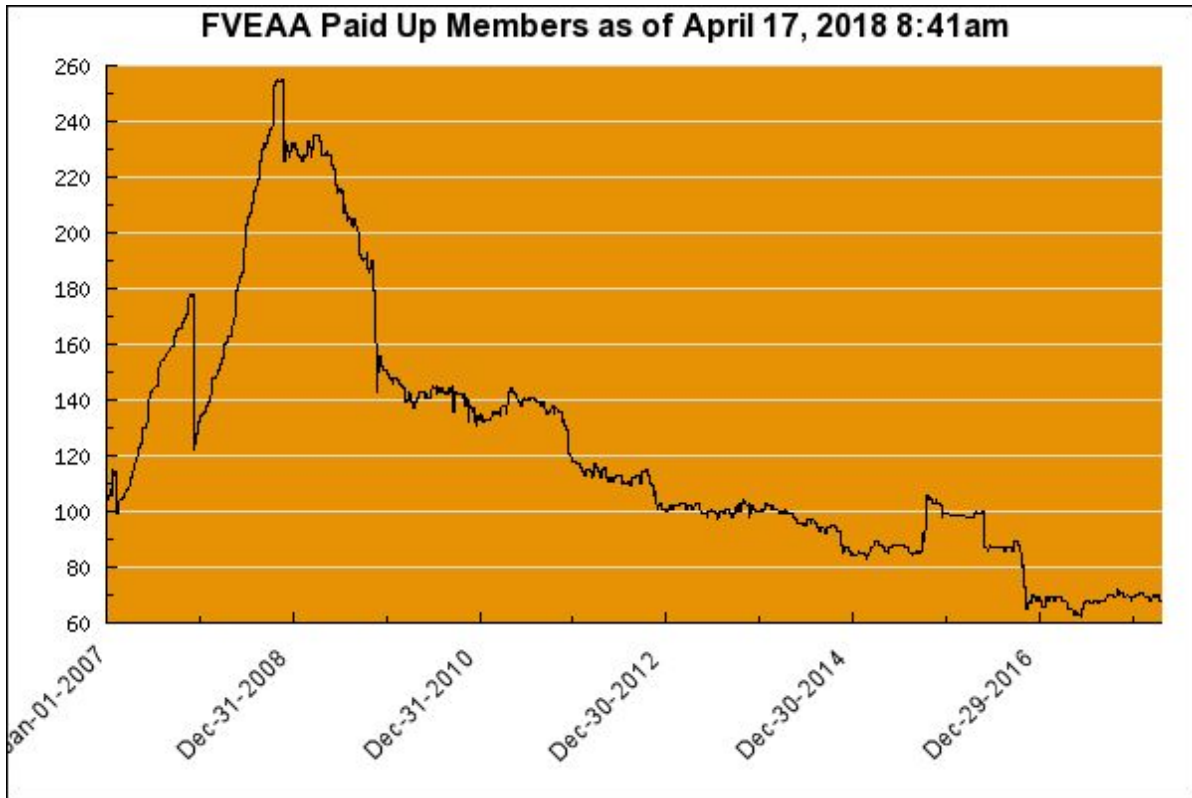
**Other Statistics**

Statistic	Value
% Paid Up	98.5%
Avg. Paid Up Days	188.0 days
% With Email	95.6%

**Encouraging Our Membership To Grow in 2018 and Some History** Ted Lowe

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 EEvents. Volunteer to attend EEvents 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 EEvents with our EVs. **Let's get out there and grow the FVEAA in 2018!!!**



**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!**

**Meeting Minutes - March, 16, 2018**

Bruce Jones

Rich Hirschberg, Vice President (subbing for Mike Willuweit) opened the meeting at 7:05 pm  
 After introductions all around Rich reviewed upcoming events

**UPCOMING EVENTS**

Mar 23 Fri work session Jeff Miller’s house to install cabling

April 21 Sat. Earth Day fest – Peck Farm Park (they now have 4 Chargepoint EVSE!) [Earth Day](#)  
 4038 Kaneville Road, Geneva, IL 60134 Time: 11:00 am – 3:00 pm (Get there ~10:30 to set up)

May 17 Thur ECO car show Elmhurst Public Car show – north parking lot. [ECO car Show Elmhurst](#)  
 125 S Prospect Ave, Elmhurst, IL 60126 Time 6 - 8 p.m.

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

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

July 23rd Oshkosh experimental aircraft association



Bob Baker presented "The real cost of my car"

2013 Nissan leaf SV

Discussed how the lease of the car was a good deal \$33,500 list price

Rich Hirschberg presented an extensive photo presentation on the Plug-in Electric Hybrid and Full Electric Vehicles at the CHicago Auto Show where he volunteered this year

The meeting ended 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



# Best Hybrid Batteries

Only The Best

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