

Fox Valley Electric Auto Association
PO Box 214
Wheaton, IL 60187

Return Service Requested

Monthly Meeting: **Friday, October 17th, 2008 - 7:00PM** (doors open at 6:30PM)

Meeting Location: **Packer Engineering, 1976 N Washington St, Naperville, IL 60563**

Directions: Packer Engineering is on the East side of Washington St, just North of the I-88 Tollway (North of Diehl, South of Warrenville Rd). Turn off of Washington onto Bighorn at the Packer Engineering sign, then take the first right into Packer Engineering and then an immediate left. Park in the lot between the buildings. 1976 is the new building up the hill. Enter the building in the middle of the North side.



October 2008 FVEAA Newsletter

The FVEAA is a Not-For-Profit Illinois Corporation and the Chicago Area Chapter of The Electric Auto Association

Meeting Agenda

Business:

Call to Order and Introductions

Old Business

Renewal Reminder

Committee Reports

New Business

Proposed By-laws Changes

EV-XPrize for EV products overview.

Intermission:

EV Viewing, Networking & Raffle Tickets

Programs:

Formula Zero Racing - Adrian Snyder

Adrian will present details regarding the race series started by Formula Zero, his school's team (Element One), and some of the technologies used in their hydrogen fuel cell vehicle. Details can be found on <http://www.ltufz.com/>

Rear Wheel Skirt Installation - Todd Martin

Improving the aerodynamics on an EV increases their range, extends the working life of the batteries, and saves you money at the wall socket. Installing rear wheel skirts is an easy "mod" that anyone can do with a little work.



i'm grateful to be re-elected for another year as the FVEAA's president. Even though i'm much more of a techie than a leader, i welcome the challenge to develop and sharpen leadership skills. This year i'll be focusing my energies on organizing FVEAA's various activities and tasks to help us to better accomplish our mission.

Using a driving metaphor, i envision the FVEAA's mission to be the traffic along a super-highway (like the Autobahn). i see my role as helping the FVEAA to develop and maintain a high rate of effective traffic flow through good infrastructure design, empowering drivers, adding lanes as necessary, ongoing maintenance and reducing and cleaning up accidents when they occur. Campaign rhetoric said, here are some specifics: 0) Avoid the "EVERYthing through the President" bottleneck. i'm only one person and can only do so much. i will avoid being a roadblock by: a) staying out of active FVEAA leader's way, b) timely communicating new business, c) asking for help from FVEAA members as warranted, and d) establishing an 'FVEAA todo list' that can be seen and shared by all FVEAA leaders and members. 1) Encourage members to join in committee activities to enable asynchronous progress, 2) Identify and help resolve 'slow spots' in our processes, 3) help co-educate the public about electric

vehicle use and 4) help as many FVEAAers to become EV drivers as possible! Please let me know your ideas to help the FVEAA thrive!

FVEAA Meeting Minutes

Rich Carroll

The September 19, 2008 FVEAA meeting was called to order at 7:12 by Ted Lowe, President.

Attendees who were at their first meeting or past members who had not been a member in more than a year introduced themselves, including several from Southern Illinois and from Wisconsin. About 70 people attended.

Ted showed many recent news clippings which had been published in the last month. He also discussed newsletters from the national EAAEV and other environmentally conscious groups. Ted also presented several reference materials, and urged all to become aware to what was available. If there are many copies of an item, taking the item was encouraged. If there was only one copy, guests were invited to look at the resource in detail to see if it was something they may want to order for themselves.

Elections:

The following were nominated for Director:

Rich Hirschberg
 Ted Sanders
 Ken Simmermon
 Larry Backes

Three needed to be elected from these four, and Rich, Ted, and Ken were chosen. The officer nominations were announced as:

Ted Lowe - President
 Todd Martin - Vice President
 Dale Corel - Treasurer
 Rich Carroll - Secretary

This slate was elected by acclamation.

The newsletter editor will be James Zukowski, and the recorder of meeting minutes will be Todd Dore.

Committee Reports:

Tech - no report. Outreach - Rich Hirschberg discussed the upcoming shows in West Elgin on October 4 and in Sugar Grove on October 18. The Sugar Grove show will be the Waubensee Environmental Fair. Also discussed was the November 8 energy show in Schaumburg. The recent car show at Elgin was discussed, and it was apparent that there was a lot of interest in alternative fuel vehicles. Legislative Affairs - no report. Charging Infrastructure - Todd Martin discussed several points in the report of the Charging Infrastructure Committee. He is trying to get Commonwealth Edison to come out to explain how dirty chargers affect the Edison Company, and why the "smart chargers" are more friendly to their equipment. At a recent meeting there was discussion of a project where an EV is built, where ComEd could supply the parts, and FVEAA would supply the labor. Stay tuned on more ComEd/FVEAA news.

New Business: There was a presentation by the Environmental Law and Policy Center, and a discussion of some unfinished legislation. There was a motion to add FVEAA to the list of supporters of ICAN. (Illinois Climate Action Network) This was approved by acclamation.

We started a break at 8:25 and the meeting reconvened at 9:10.

The meeting was finished with two presentations, the first from Ted Lowe, on making good quality large battery cables (like 2/0).

The second presentation was from Rick Steiner of Electric Motorsports in Indianapolis, who brought a new product, an electric motorcycle.

The meeting was adjourned at 9:51 PM.

2008-2009 Election Results

Ted Lowe

Per the FVEAA Bylaws, we elected 4 officers and 3 directors at the September meeting to serve one year terms. This year's results are:

Ted Lowe, President
Todd Martin, VP
Rich Carroll, Secretary
Dale Corel, Treasurer
Ted Sanders, Director
Rich Hirschberg, Director
Ken Simmermon, Director

Non-elected (but **important**) positions filled:

Newsletter Editor: James Zukowski has gratefully volunteered to fill this position. Thanks go out to Rich Carroll for his 3+ years of service!

Meeting Minutes Recorder: Todd Dore has gratefully volunteered to fill this position. Thanks go out to Rich Carroll for his years of service!

Membership Update

James Zukowski

We're **239 members strong**, up 9 since last month! **BIG WELCOME** to:

Dave Hostert, Manhattan, IL	Steve Kostelnik, Vernon Hills, IL
George Kase, Glenview, IL	Mark Kinnaman, Bartlett, IL
Alex Krutoyarskiy, Glenview, IL	Gurol Yomut, Des Plaines, IL
Steve Kostelnik, Vernon Hills, IL	Jim Ruhland Family, Naperville, IL
Dan Gabel, ComEd Fleet Services	

Welcoming ComEd as New Charter Business Sponsor!

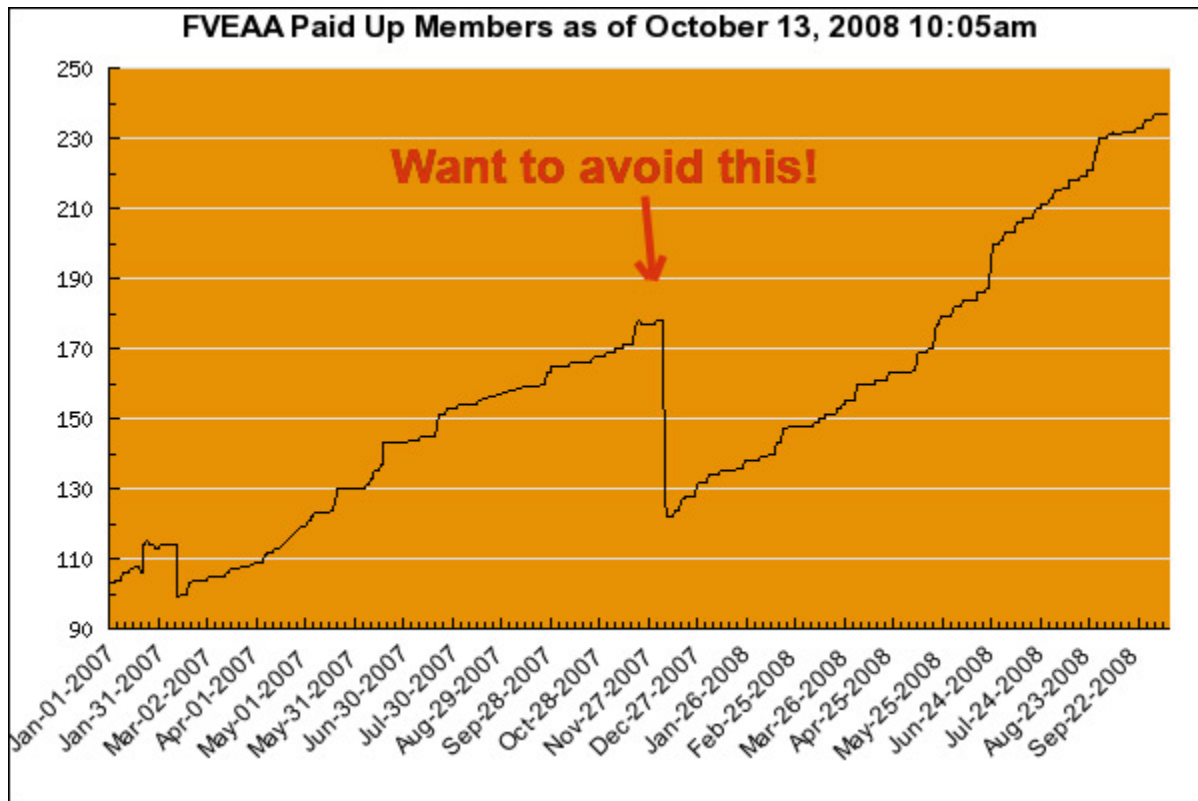
Ted Lowe

It is my extreme please to welcome ComEd as our new Charter Business member! Dan Gabel, Manager, ComEd Fleet Services contacted us about a month ago to explore how ComEd and the FVEAA may cooperate in some EV projects. Todd Martin and myself have had an initial meeting with Dan and his VP, Rita Stols, where we discussed a variety of ways that we could help in their goals and vica versa. Please stay tuned for develop

Renew Your Memberships !!!

Ted Lowe

87 FVEAAer's memberships are due for renewal on Halloween (an artifact of the old system of membership date tracking when we all renewed on 10-31). You can see your 'Paid Through' date in the Membership DB application online or on the mailing label of this newsletter. PLEASE RENEW ASAP to save us all some time and nagging. Renew online at www.fveaa.org/renew, pay at the meeting, or send a check to FVEAA, PO Box 214, Wheaton, IL 60187-0214.



Proposed Bylaws Changes

Ted Lowe

These proposed changes are announced here and will be voted on at the November meeting.

Remove Reference to Special Meeting

The concept of 'Special Meetings' was removed by the previous amendments, but a reference was not removed.

Newsletter Publishing Schedule Change

Current wording : Article III - C. NOTIFICATION All current members shall be notified by mail of each Annual, Regular and Special Meeting by the Secretary, or the Secretary's agent, at least one week prior to the meeting.

Proposed wording: Current members shall be notified of meetings no less than 4 days before the meeting.

Rationale: The FVEAA Newsletter is our vehicle to notify members of upcoming meetings. Try as we might, we have consistently not met the 'at least one week' bylaw. This would require publishing the newsletter by Friday 7pm on the 2nd Friday of each month. This is a reasonable schedule for a retired

person, but is very difficult for people with regular jobs. Changing to the schedule to 'no less than 4 days' will allow publishing after a weekend of production and still allow time for the (diminishing number of) postal mailed newsletters to arrive in member's mailboxes before the meeting. The overwhelming majority of newsletters are distributed electronically now (210 to 48) which are instantly distributed.

Rewording Article II: Committees

Current wording: A. STANDING COMMITTEES This Corporation shall not have standing committees.
B. SPECIAL COMMITTEES The President shall appoint special committees and their chairmen as needs arise.
C. COMMITTEE VACANCIES Vacancies on shall be filled immediately by presidential appointment.

Proposed wording: A. COMMITTEES This Corporation has committees as required to organize and perform FVEAA activities.
B. COMMITTEE MANAGEMENT The President shall create and dissolve committees as necessary and apoint their chairmen.
C. COMMITTEE VACANCIES Chairmen vacancies shall be filled promptly by presidential appointment.

Rationale: We do have committees now which are making progress in distributing responsibility and activities to a wider group of members increasing our ability to perform our mission. There is no longer a distinction between a special or standing committee.

New Committee: Assets *Ted Lowe*

FVEAAer Larry Backes has graciously agreed to be the Chair of the new Assets Committee (AC). FVEAA assets include (but are not limited to): EV Books, DVDs, Handouts, Media (newspaper articles, radio and TV appearances), Newsletters, Project and EEvent pictures, Signage, and Technology (eg, charging meters). Some of the responsibilities of the AC will be: Organize FVEAA's assets (receive and catalog new assets), Track assets (where are they, who has borrowed them), Make assets available at various EEvents (monthly meetings, outreach EEvents).

I've joined this committee to help Larry get the ball rolling on this important job. Join us if you are so interested, thanks!

Get Plugged-In to the FVEAA Forums *Ted Lowe*

FVEAAers are steadily adding valuable content to the Forums day-by-day. If you have never logged into forums, i strongly suggest you do so soon. If you need help logging in, try these suggestions:

1. Send (any) email message to help@fveaa.org from your FVEAA registered email address. You will receive back your username and instructions how to get your password.
2. If the above doesn't work, contact me and i'll help you Plug-In!

FVEAAer Location Mapper Application *Ted Lowe*

i've created a prototype Google map application showing where we all live! Some of the uses of this application can be: 1) arranging carpools to meetings/EEvents, 2) visiting your "neighbors" to get to know one-another and view/work on each-others EV projects, and 3) identifying state governmental districts for contacting our specific legislators. Currently, the map only has a marker for each member. Future plans include creating a "visual roster" (viewable only by members), identifying FVEAAers that own EVs, showing EV Charging Locations, etc. You can try out the interactive map application here: <http://www.fveaa.org/apps/geocoder/members.php> You can double click the map to zoom in, or use the + or - buttons to zoom in/out, use the arrow buttons or the hand cursor to scroll the map around. Try it out and see if you can find your address. Send me some feedback, thanks!



National View



Midwest View



Chicago Area View

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Visit our Sponsors page to view their details: www.fveaa.org/sponsors

Pay their support forward by visiting their websites and seeing what services and products they offer!

Elgin Avcon Charging Station is Online

Todd Martin

These photos are from the City of Elgin's first electric vehicle rapid charging (AVCON) parking spot. A standard GFCI 120VAC outlet is also installed for those without an AVCON inlet. As you can see, it is the very first spot when you enter the parking garage.

The Hemmens cultural center, the Centre fitness center, City hall, Public Library, downtown shopping & restaurants are all an easy walk from the garage.



Thank you to the City of Elgin!

Member Vehicle Updates Needed

Ted Sanders

Please visit our online listing of Member EVs at <http://www.fveaa.org/vehicles> and let me know if your information is missing or incorrect. We want to list your EV even if you only have your donor vehicle so far. Thanks, Ted Sanders, ted@tedsanderson.name

Chrysler Announces Four Plug-in Electric Vehicles

Chrysler has already produced over 38000 Gem NEVs (Neighborhood Electric Vehicles). The Gem is produced in six different models. They plan to produce one of the three following plug-in EVs by the end of 2010:

1. The Dodge EV which is an all electric drive with lithium batteries with a range of 150 to 200 miles. This is classified as a sports vehicle.
2. A four door Jeep extended range vehicle also using lithium batteries with the first 40 miles on electricity only and an extended range of 400 miles using a generator driven by an electric motor furnishing the power for the electric motor.

3. A Town and Country extended range EV with the same range as the Jeep EV.

For more information check: <https://www.chryslerllc.com/en/innovation/envi/overview/>

ELPC Campaign for Illinois Clean Cars Act

The Environmental Law & Policy Center of the Midwest (ELPC) is currently working on a campaign to bring Clean Cars to Illinois. Illinois has the opportunity to become the 15th state to pass legislation that will ensure all new passenger vehicle and light-duty trucks will be more efficient and emit lower levels of air pollutants. This change will improve public health, save Illinois consumers money at the gas pump and help in the fight against global warming. The Illinois Clean Cars Act is coming up for vote in the Illinois House of Representatives this November, as House Bill 3424. The Act will raise the average fuel efficiency standard for new vehicles sold in the state to 39.6 mpg. ELPC is asking constituents to contact their Illinois House Representative to tell them to vote YES for this bill. Clean Car Organizers will be present at the September 19 monthly meeting to give a presentation about the bill and get petitions signed in support of bringing clean cars to Illinois. ELPC is also seeking volunteers to assist in this effort. Please visit cleancarsillinois.org or www.elpc.org for more information.

NEV Imported from China Makes Local Visit

Ted Lowe



Representatives of China Importing brought this small NEV over to get our feedback. FVEAAer Rob Morten dropped by and we took it for a local spin (because it had CA license plates). The company will have this NEV at the meeting for our inspection.

FVEAA Charter Business Member

Elite Energy Distribution

Dave Strange, President Of Operations
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Milwaukee, WI 53225
Phone: 866-461-8216
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We can take for recycling any and all rechargeable batteries (NiCd, NiMH, and LION). During a time when metal prices are sky-rocketing, our prices stay competitive with extended warranties.

Elite Energy Distribution



Upcoming Events

Rich Hirschberg

Mark your calendars, volunteer to staff our booth, bring your EV, etc.! Please contact me for more details.

Oct. 18 - Sugar Grove - Waubensee Renewable Energy Fair

Nov. 8 - Schaumburg - Environmental Fair

FVEAA Premier Business Member



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Kenneth Adomaitis
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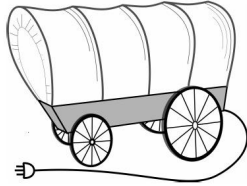
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Eco-conversions specializes in converting oil dependent vehicles to electric. Focusing specifically on luxury vehicles, our goal is to shatter the image of the traditional electric car.

Eco-conversions has partnered with eVionyx, an American company that has developed nickel-zinc rechargeable batteries which can handle over 2000 cycles at 90% DoD. The eVionyx nickel-zinc battery has superior performance as compared to other battery technologies available today. The nickel-zinc cells are superior to lead acid in total power and energy, specific power and energy, and recharge time. It is less expensive and also performs better than NiMH cells. NiZn batteries are particularly suited to high-power applications, such as use in electric vehicles and light transportation.

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Coming Attractions (tentative)

Todd Martin

In November, Miodrag's controller design part 2, and I'd like to do a demo on installing a pakTraker battery monitoring system with my Solectria Force.

In December, I have lined up a gentlemen from downstate IL to present his Solectria E10 renovation as well as his battery balancer prototype.