

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

**Meeting: Friday, September 19th, 2008**

Doors open at 6:30PM, **Meeting starts at 7:00PM**

Packer Engineering  
1976 N Washington St, Naperville, IL 60563

Directions: Packer Engineering is the on 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.

**September 2008 Newsletter**



**Fox Valley Electric Auto Association**

A Not-For-Profit Illinois corporation and the Chicago area chapter of the Electric Auto Association

**Agenda**

Call to Order and Introductions

**Old Business**

Elections for Officers and Directors  
Committee Reports

**New Business**

Environmental Law and Policy Center (ELPC) - Illinois Clean Cars Act (see article below)

**Intermission** - Petition Signing, EV Viewing, Networking & Raffle Tickets

**Programs**

**The Making of a Good Battery Cable** - Tim Moore and Ted Lowe

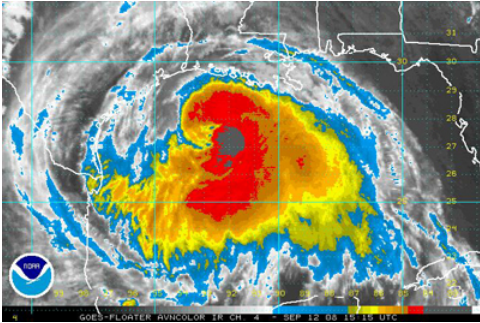
Tim and Ted will show the tools and techniques needed to fabricate a high-quality high amperage battery cable.

**Electric Motorsport GPR-S Motorcycle** - Rick Steiner

Rick Steiner is the Midwest distributor and service manager for this excellent new line of lithium-powered electric motorcycles. Rick will have a GPR-S for display and will answer questions. The possibility of a test drive exists. :-) Preview the GPR-S here: [www.electricmotorsport.com/store/ems\\_electric\\_motorcycle\\_gpr-s.php](http://www.electricmotorsport.com/store/ems_electric_motorcycle_gpr-s.php)

### President's Words - Whether the Weather Costs You?

*Ted Lowe*



Here's to hoping you all made it through the latest heavy rain storms that were the remnants of hurricane Ike! Its a fact that EVery September for the rest of our lives will be a hurricane season, and with the current state of oil and gasoline production in the world, hurricane seasons bring higher and turbulent prices at the pump. On the other hand, was the cost of our electricity effected by the weather? No! (unless you have a solar electric system at your house, in which case, your electricity was cheaper:-) which is just another common sense reason to **Drive Electric!** Let me know how the FVEAA can help you to become an EV driver! More: [www.autobloggreen.com/2008/09/15/hurricane-ike-aftermath-causes-5-gas-in-some-areas](http://www.autobloggreen.com/2008/09/15/hurricane-ike-aftermath-causes-5-gas-in-some-areas)

### Minutes from August 2008 FVEAA Meeting

*Rich Carroll*

The meeting was called to order at 7:03 by Ted Lowe, President.

Members who were present from the current 218 members were asked to stand up. We encouraged visitors to introduce themselves. Peoria, Rockton, and Missouri were represented. PA problems forced Ted Lowe to talk loudly. Directors of the Association were introduced.

Ted briefly discussed the local charging infrastructure for public charging and compared and contrasted it to California's.

Ken Simmermon discussed some EV technical issues.

In the business part of the meeting, it was announced that nominations were open. Four officers and three directors will be elected. Nominations will be open for one month, until the elections at the September (Annual) meeting.

Ted discussed recent FVEAA publicity.

A short discussion was held about upcoming developments in battery technology.

We started a break at 7:30 and adjourned to the parking lot for an open house, with pizza and soda. The meeting reconvened at 8:57

The meeting was finished with the Mini-Seminar "How to Become an EV Driver" and Ted Lowe, Ken Simmermon, Tim Moore and John Emde handling questions from the audience.

The meeting was adjourned at 9:51 PM.

### 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](http://cleancarsillinois.org) or [www.elpc.org](http://www.elpc.org) for more information.

### **Membership Update**

*Ted Lowe*

We're **232 members strong**, up 14 since last month! **BIG WELCOME** to:

Jay Richter, Riverdale, IA	Jack Hojnar, Western Springs, IL
Bob Hendricks, Oak Forest, IL!	Joe Huemann, Johnsburg, IL
Bill Abernethy, Winfield, IL	Dennis Page, Westmont, IL
Donald Schueman, Carol Stream, IL	Charles Cartwright, Aurora, IL
Mike Kaindl, Naperville, IL	Roger McKee, Naperville, IL!
Leigh Dionne, Lisle, IL	Linda Stettler, Chicago, IL
Greg Poulos, Schaumburg, IL	Austin Hargraves, Durand, IL

### **Nominations Open for 2008-09 Officers & Directors**

*Ted Lowe*

Per the FVEAA Bylaws, we elect 4 officers and 3 directors each September to serve 1 year terms. Nominations are now open and will remain open until the elections at the September (Annual) meeting. Submit your nominations anyway you wish and self-nominations are allowed as well.

Nominations received so far:

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

### **Position Opening: Newsletter Editor**

*Ted Lowe*

Rich Carroll and I have been co-editing the newsletter for 3 years now and are ready to pass the opportunity and responsibility on to another FVEAAer.

The Newsletter Editor (NE) is responsible for creating and publishing our monthly newsletter. FVEAA leaders and members will submit their regular 'columns' and articles and the NE may choose to contribute content as they wish.

We have setup a very nice collaborative system using Google Docs so much of the content creation can be distributed and requires only a web browser to operate. I will help the new NE get up to speed and assist in distribution of the newsletter.

Please consider giving this important FVEAA function a try!

### **Position Opening: Meeting Minutes Recorder**

*Ted Lowe*

Our meeting minutes are important as a record of actions taken for use by the FVEAA leaders and for inclusion in our monthly newsletters.

The Recorder would be responsible to record the minutes at our regular meetings and submit them electronically within a few days after the meeting. If the Recorder cannot attend a meeting, they would find a sub to cover for them. Please consider helping out on this important task!

### **Support Our Sponsors That Support Us!**

*Ted Lowe*

Visit our Sponsors page to view their details: [www.fveaa.org/sponsors](http://www.fveaa.org/sponsors)

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

**FVEAA's Charter Business Member**

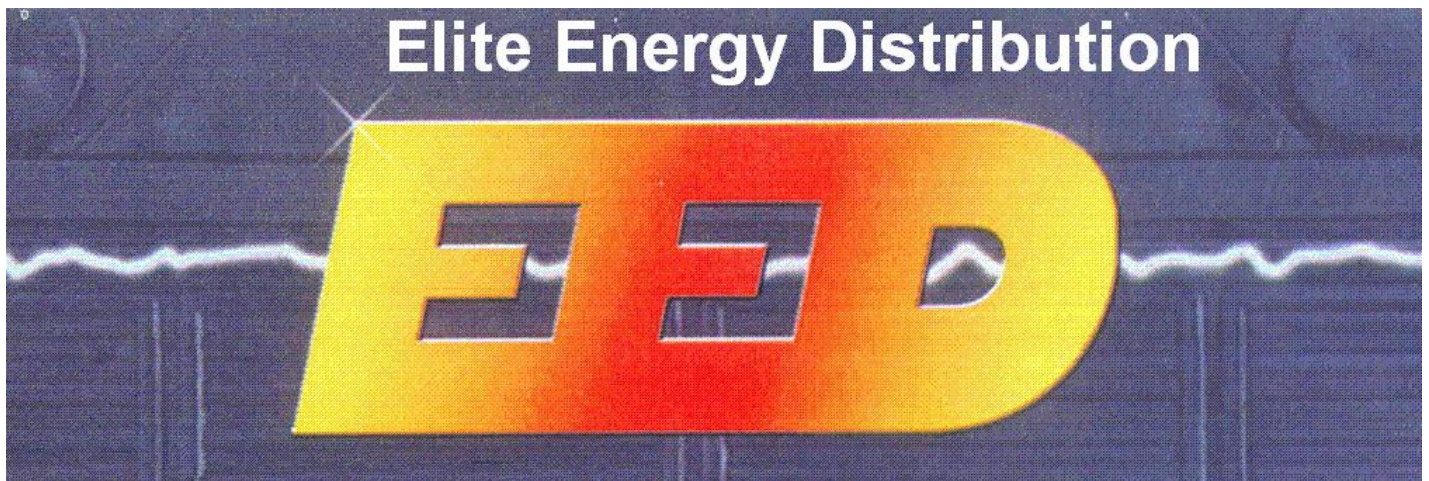
*Ted Lowe*

**Elite Energy Distribution**

Dave Strange, President Of Operations  
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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.



**Spirit of DC Makes Local Landing**

*Ted Lowe*

EV Jerry Asher is in the middle of his All Around America tour in his Spirit of DC PHEV. Last week he visited some FVEAAers including Ken Simmermon and Todd Dore. Jerry plans to visit the mainland's 48 state capitals in his tour to demonstrate and promote the PHEV technology. Jerry is also visiting as many EAA chapters as he can along the route and adds a chapter logo to the Spirit of DC at each visit. Read more: [www.phev3a.com](http://www.phev3a.com)



## Elgin Car Show - We have a Winner!

*Ted Lowe*

This Event was great! Lots of hotrods and coolrods (AFVs). Three times more cars were shown this year with a count of 110. Public traffic was moderate and steady. The weather was gorgeous! The planning committee will meet soon to discuss next year's Event. **Nice work Rich Hirschberg!!!** Many thanks to Tim Moore for risking life and limb to get us opportunity charging (he climbed a lightpole and cleared a wasp nest)!

Congratulations to Todd Martin who won 1st Place voted by Participants! You gotta love their homemade trophy :-)



**Upcoming Events** *Rich Hirschberg*

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

- Oct. 4 - Elgin - Prairie Fest - [www.uucepf.com](http://www.uucepf.com)
- Oct. 18 - Sugar Grove - Waubensee Renewable Energy Fair
- Nov. 8 - Schaumburg - Environmental Fair

**2008 Illinois Solar Tour is October 4th** *Ted Lowe*

Learn how to make some solar electricity for your electric vehicle! My house is just one of the 200 homes and businesses open to the public this year. Stop by for a visit! More: [www.illinoissolar.org/solartour](http://www.illinoissolar.org/solartour). Download the excellent 40-page tour booklet here: [www.illinoissolar.org/solartour/images/stories/tour/SolarTour08.pdf](http://www.illinoissolar.org/solartour/images/stories/tour/SolarTour08.pdf)

**190 North TV Show Episode was Great!** *Ted Lowe*

ABC Chicago did a great job editing together about a 2 minute segment on George Gladic's PHEV, my S10 EV and Charlie Sheridan's Model-T EV! Look for us about the 7 minute mark in the Sept. 14th episode: [www.190north.com/podcast\\_frame.htm](http://www.190north.com/podcast_frame.htm) Download the whole episode (250MB) to your computer and play it with Quicktime.

i plan to make a DVD for FVEAA consumption once i get the rights.

**FVEAA's Premier Business Member**

*Ted Lowe*



**Eco-conversions**

Kenneth Adomaitis  
6140 Riverbend Dr  
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312-924-3442

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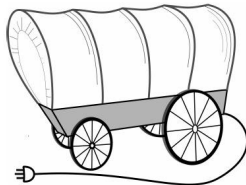
Eco-conversions specializes in converting oil dependent vehicles to electric. Focusing specifically on luxury vehicles, our goal is to shatter the image of the traditional electric car.

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.

**FVEAA's Business Members**

*Ted Lowe*

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### 1st Gen Chevy Volt Unwrapped for the Public

*Ted Lowe*

**Breaking News:** GM just released pictures of the 2011 Chevy Volt (to go on sale in 2010). They plan to produce about 10,000 the first year. I hope they succeed and sell like hotcakes! More hi-res pictures at: [www.autobloggreen.com/photos/2011-chevrolet-volt-1/1039683/](http://www.autobloggreen.com/photos/2011-chevrolet-volt-1/1039683/)



COURTESY: GENERAL MOTORS



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### Renew Your Memberships Early

*Ted Lowe*

About 100 FVEAAers memberships will be due for renewal on Halloween (an artifact of the old system of membership date tracking). You can see your 'Paid Through' date in the Membership DB application online or on the mailing label of this newsletter. Please consider renewing early to save us all some time and nagging. Renew online at [www.fveaa.org/renew](http://www.fveaa.org/renew) or pay at the meeting. Thanks!

### Coming Attractions for Next Meeting

*Ted Lowe*

**Recording I-V Measurements** - Ted Lowe  
**Controller Design, Part II** - Miodrag Zubic