

Fox Valley Electric Auto Association

PO Box 214

Wheaton, IL 60187-0214

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December 2012 FVEAA Newsletter

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

Note: NEW Meeting Date and Place This Month

Next Meeting

December 14, 2012

Great Escape Restaurant

9540 West Irving Park Rd., Schiller Park, IL

DOORS OPEN 6:45 p.m. MEETING STARTS 7:00 p.m. ENDS 9:00 p.m.

Directions to the Great Escape Restaurant:

<http://www.greatescaperestaurant.com>

<We will be back at CCC in January>

Agenda

- Call to order - at the Great Escape Restaurant
- Welcome and Happy Holidays

President's Words

Bruce Jones

Hi EVeryone

Thanks to Josh McKnight from Eaton and Todd Dore for last mont's program. This month we've got something completely different (again!) and it's a holiday party! On the SECOND Friday of the month, on Dec. 14th, NOT the 21st. The Christian Community Church has a musical play "Let it Be Christmas" in the theater most of the Fridays and weekends in December, so if anyone shows up on the 21st they can hopefully buy a ticket and enjoy the show - through the music of the Beatles.

So tell everyone the NEW DATE for the meeting. This will be a special time to gather, talk and be thankful for our blessings. The PEV industry is starting to take off and we're a part of that!

Thanks to Rich Carroll and John Emde for helping out at Brooks Middle school. The STEM program there is excellent and anyone looking to help, please contact Rich.

Smart fortwo electric car \$15,830 after incentives!

Check <http://www.cleanfleetreport.com/smart-electric-drive-price/>

Unfortunately for Rich and those who convert cars into electric vehicles, the smart fortwo car with 14kWh battery and 76 mile electric range, is getting into the downright affordable category.

The calculation for the Federal Tax credit on plug-in electric vehicles is based on battery size. For batteries over 4kWh the Federal Tax credit is \$2,500 plus \$417 for each kWh over 4kWh.

So the credit for a smart fortwo with 14kWh battery is \$2,500 plus (10 x \$417) or \$6,670. . . (not \$7,500 which would be available for PEVs with 16kWh batteries or larger)

And here in Illinois we also have a state EPA sponsored Green Fleets rebate of 10% times the purchase price, providing rebates up to \$4,000 for a \$40k PEV. (See <http://www.illinoisgreenfleets.org/fuels/index.html>) So here in Illinois for a smart fortwo, we'd pay \$25,000 less \$6,670 Federal tax credit, less \$2,500 state rebate = \$15,830 That's a great deal.

Have a happy and safe holiday! SEE YOU AT THE PARTY!

Bruce

Photos

Josh McKnight of Eaton presents their Level 2 electric vehicle supply equipment



Todd Dore describes his trip across Texas in his electric blue VW



Dennis Doney's Zap truck



Zap!



Rich's Ramblings

Rich Carroll

Three interesting things have dropped onto my desk recently. In the first, the City of Chicago has ordered twenty electric garbage trucks from Motiv Power Systems. In the five year, thirteen million dollar contract, Chicago has taken the lead in using electric vehicles for this purpose. Slow moving trucks, with several powerful motors to replace gasoline and hydraulic power seems to make sense. Motive Power claims that the cost of the electric garbage trucks will be in the ten cents per mile range, as opposed to the eighty cents per mile the city now calculates it pays. Motive Power Systems is already in the field, producing an electric bus. The City of Chicago promises a thorough cost analysis of the new vehicles to see if the entire fleet should be converted.

A recent note from the National Fire Protection Association mentioned that the new 2013 Emergency Response Guides have begun to appear, with the Ford Focus Electric, the Fusion Hybrid and the C-Max Hybrid being available now. It appears that the ERG's from Ford have been significantly improved, making components easier to identify and locate, but there are still better guides being done by other manufacturers (like BMW) This is still very much a developing field, so stay posted. Go to the EV Safety Training website at <http://evsafetytraining.org/> to keep up with the newest information.

With some sadness, I have to announce that Pioneer Conversions has closed it's doors. Established in 2007 by six members of the FVEAA to make EV conversions more available to the public, it produced some plain and some very interesting conversions. Unfortunately, the vision of the 'pioneers' was that electric vehicles should be more mainstream, and they worked at that vision. The day of the electric car is here, with many different models available from several manufacturers. The cost of an EV, especially with the rebates and the tax credits available, make a new EV an even more practical choice for folks than converting a used gasoline car.

<Editors note: We are all very sorry for the situation that Pioneer finds itself in and I'd like to say on behalf of the FVEAA that we greatly appreciate the enormous contribution over the years that the Pioneer staff - Rich Carroll, John Emde and John Jeidi- have made to the PEV industry, and to this organization. Good luck gentlemen, we wish you the best.>

November 16, 2012 Meeting Notes

Bruce Jones opened the meeting at 7:03 p.m. and had newcomers introduce themselves.

NOTE: The December meeting will be 7:00 p.m. on Friday Dec. 14th at the Great Escape restaurant at 9540 West Irving Park Road, in Schiller Park, IL Ph 847-671-7171 www.greatescaperestaurant.com

CCC Charging Station

The FVEAA board is looking at the possible installation of a charging station at CCC and will meet after the meeting tonight to discuss the costs and we are looking for a way to reduce the cost

Eaton Charging Stations

Josh McKnight from Eaton gave a presentation on their charging stations. Eaton is a huge company with divisions in the auto, truck, and many other manufacturing industries. As an option their stations can communicate with the ChargePoint network (formerly Coulomb). The stations are 30 or 70 amp. Josh answered questions involving submetering, payment networks, and quick charging.

See <http://www.eaton.com/plugin>

Committee Reports

Treasurer's report - Todd Dore provided the treasurer's report and accounts are in good shape.

Rich Hirschberg provided an update on outreach efforts and described the last events, including Plug-in day, as well as the Elgin car show. There is a new DVD out there, "What is an Electric Car?"

Brooks Middle School

Rich Carroll discussed how he and John Emde took the electric Porsche and volunteered at Brooks Middle School to teach the 6th, 7th and 8th grade students about electric vehicles. Four teams of 8 – 10 kids will be building model electric vehicles to compete in the National Science Bowl. The race is in Burr Ridge in late March, early April at the Case factory near I-55. A. J. Jones and Marlon James from the Church of Hope who spoke last month, helped to coordinate the project in conjunction with Congresswoman Judy Biggert's office. Additional volunteer teaching sessions will be on Tuesday's from 2:30 to 4:00 p.m. Fabulous job Rich and John!!

PEV and EVSE Landscape

Bruce Jones gave an overview of the PEV and EVSE industry including sales trends for PEVs, EVSEs, new SAE charging levels, PEV models coming onto the market and an economic model showing the impact of PEV sales on the economy through 2025. Note that 350Green was purchased by Car Charging Group which is looking to build a higher voltage AC charger. The future of transportation is electric.

Break

Dennis Doney had his Zap truck and Ted Lowe's converted S-10 pickup truck. was on site to review

Todd Dore's Trip Across Texas

Special guest speaker was none other than our own treasurer Todd Dore who described his trip across Texas from Houston to San Antonio to Austin to Houston, around 500 miles in his beloved electric blue VW that had 60 miles of electric range with Lithium batteries. He stopped at various motels, AOA Campgrounds and charging locations to make the trip. The car was sold later to a buyer in Colorado.

Great story, thanks Todd!

CCC Charging Station Fails to Pass Board Approval. . . one more option to explore

After the meeting the FVEAA officers and Board met to discuss the designs and costs for the proposed charging stations at the church. The costs for installation and trenching to connect out to the peninsula on the northern part of the parking lot however turned out to be just too expensive. Even a generous state rebate and EAA funding were insufficient to make the project affordable to the FVEAA.

(NOTE- there is one more option that is being looked at, the possibility of putting a station next to the first parking space which would shorten the trenching run . . . so stay tuned...BJ)

Membership Form

Ted Lowe

FVEAA Membership Application Form

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 ? _____

Member Types and Annual Dues (Please circle one)	Newsletter Delivery Types (Please circle one)
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Individual	\$15	No Newsletter	\$0
Family	\$20	Electronic Only	\$0
Business	\$100	Postal Mailed	\$15
Premier Business	\$250	Postal Mailed and Electronic	\$15
Charter Business	\$500		

Total Due from Both Columns: _____

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

<p>Netgain Motors, Inc.</p>  <p>NetGain Motors, Inc.</p> <p>Exclusive worldwide distributor of WarP™, ImPulse™, and TransWarP™ electric motors for use in electric vehicles and electric vehicle conversions.</p> <p>900 N State St, Suite 101 Lockport, IL 60441 630-243-9100 Fax: 630-685-4054</p> <p>www.go-ev.com</p>	 <p>Bob's Hillview Auto</p> <p><i>"Good Service For A Long Time"</i></p> <p>Gas · Hybrid · Electric</p> <p>847-842-9543</p> <p>4c Hillview Dr. Lake Barrington, IL 60010 bobshillviewauto@gmail.com Bob Baker Owner</p>
 <p>Harris Precision Tools, Inc.</p> <p>Harris Precision Tools</p> <p>Robert Harris 10081 Anderson Ave Chicago Ridge, IL 60415 Phone: 708-422-5808 Email: harrisprecision@comcast.net</p>	<p>Plug-In Vehicle Solutions, Inc.</p> <p>Mike Piscitelli 1104 Coventry Circle Glendale Heights, IL 60139 Cell: 620-248-8810 Email: mpiscitelli@getplugging.com Web: www.getplugging.com</p>
<p>For Sell</p> <p>I am selling my eRX-7. It is a fun peppy convertible and has been a great daily drive for more than two summers. The car has been stored in doors for much of its life and is very solid. I hope to be able to sell it to another club member. A few of the specs are: Advanced DC 4001 motor, New Max-Forcer 1000 Amp. controller, Zivan k2 charger, 144 Volts (12) Trojan T-1275, 30-40 mile range with new batteries. Please contact Nathan Stowe for more details . (773) 456-6322</p>	