

Memo

To: Craig Mueller, President
From: David Peichel, Vice President
CC:
Date: September 30, 2007
Re: Meeting minutes from September 27th

Prior to the meeting, Steve Kobs brought a Zenn NEV car for people to see and test drive. He works for Linden Hills Co-op in Minneapolis who have just become an authorized seller for Zenn.

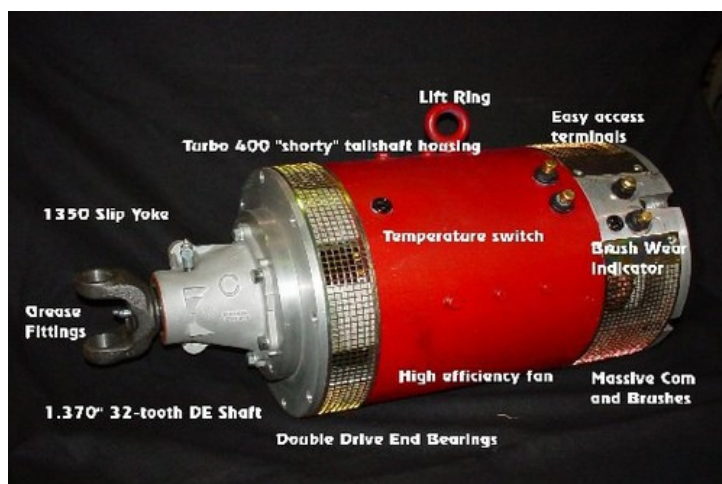
<http://www.zenncars.com/>

The meeting began with a brief recap by Doug on the Eco Experience at the state fair. He said he felt like the traffic was lower this year, but the reality was that it still had about 350,000 people come thru the exhibit. He also shared good news that the solar car program at the U of MN will not be ending as they have found a new sponsor!



Steve mentioned the new club at the U of MN focusing on technologies to reduce carbon emissions. They are planning an electric pickup truck conversion sponsored by Dale Howey.

Michael gave an update on the corvette conversion project. He is close to being ready to pull the existing ICE. Contact Michael if you are interested in helping or swinging by to check it out: shoophoto@aol.com After the meeting, a number of members helped transfer the Trans WarP 11 DC motor to his van from another member's van who helped transport it from Chicago.



Briefly updated everyone on the new list server which allows members to communicate more directly with each other. Anyone interested in being on this distribution list needs to subscribe at: <https://groups.killian.com/mailman/listinfo/mneaa>

Briefly mentioned the new Wikidot website which is soon to be released. The site will make it easier to share info and update content. The new site can be viewed at: <http://mneaaev.wikidot.com/>

The last portion of the meeting featured our local conversion guru Lee Hart. Lee shared info about the B.E.S.T. program he was involved with which mentors kids in the building of electric go-carts. Anyone interested in becoming a mentor for this program can contact Lee. He also gave an update on the car kit he has been working on. Part of the update included a brief history of the Sunrise car. He hopes to have a working prototype by the end of the calendar year. His talk on battery options emphasized the trade-offs between a cheap and heavy but durable lead acid battery and lighter but more expensive and more "fragile" advanced chemistry batteries, with lithium batteries being the most "management" sensitive. There was a lot of discussion on lithium battery technology. Lee pointed out some of the challenges that exist with preventing one failing cell from destroying the whole pack. He also illustrated how with some of these advanced technology developments they can show amazing results with a small test sample, but scaling the technology up to something which can power a car can present a whole new set of challenges.

Jerry Dycus from Florida presented an update on his Freedom EV he is working to put into production. This is a two seater three wheel EV which will sell for about \$13k and have a range of about 100 miles.

A brief election was held to fill the vice president spot vacated by Joel. Dave Peichel was elected to fill this position, leaving the secretary position open.