



February 2019 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

February 15, 2019

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

Community Christian Church

1635 Emerson Lane

Naperville, IL 60540

[Google Map](#)

Agenda

- 6:30 pm Doors open
- 7:00 pm Introductions
- 7:30 pm Jeff on COMED RRTP cost trends
- 8:00 pm break
- 8:15 pm Dr. Suresh Borkar presents on the driverless car
- 9:15 pm adjourn

President's Words

Jeff Miller

Dr Suresh Borkar's interactive event on Autonomous vehicles.

I am excited about Dr. Borkar's interactive event Friday night. My understanding is that this is more than a presentation, but an interactive event between our group and Dr. Borkar.

<https://chicago.metromix.com/events/mmxchi-bruce-jones-naperville-20190215-event#sCYVATkqbOb9C73w.99>

I will also be presenting my findings on costs for ComEd Residential Real Time Pricing (RRTP). Is electricity getting more expensive here compared to last year on RRTP? Is it still a deal? I won't be focusing on my results because everyone's needs are different, however I will try to provide data so you can understand if your usage fits or not, and how/if costs have changed over time. Since the costs for RRTP are the market price of electricity, with fees added on top of course, this will also show how the electricity market is changing here in Comed land.

Tis the season for the \$7500 tax credit to be debated in congress, contact your representatives and let them know your thoughts.

Articles I found interesting

FREAK OUT! an oil company is buying a company central to the most important open charging

network in the US so far.

<https://techcrunch.com/2019/01/30/with-its-greenlots-acquisition-shell-is-moving-from-gas-stations-to-charging-stations/>

Or maybe not, what is the worst that could happen! EV fast charging pricing worse than gas pricing? Shell is trying to stay relevant well into the future and are smart enough to realize that EV fast charging is likely to be more profitable than selling oil. Smart move on their part. I would say that Elon missed his chance to become the fast charging monopoly. It has never been his goal to become a monopoly, but he certainly could have by selling adapters for every car with fast charging capability.

HSR Motors is the group that puts Tesla parts into enthusiasts hands.

https://hsrmotors.com/products/battery_modules

<https://hsrmotors.com/products/driveunits>

Not so much an article

<https://www.ohmmu.com/product-page/12v-lithium-battery-for-tesla-model-s>

If you want to ditch the lead acid battery in your Tesla. (I will once it fails out of warranty)

EV Camaro demonstrator, 10.03 quarter mile time.

<https://driving.ca/chevrolet/auto-news/news/electric-chevy-ecopo-camaro-shows-up-at-drag-strip-pops-wheelie-on-first-pass>

<https://jalopnik.com/heres-video-of-the-electric-ecopo-chevy-camaro-doing-a-1832271232>

<https://jalopnik.com/volkswagen-wants-other-automakers-to-use-its-meb-electr-1832269531>

<https://www.autoblog.com/2019/01/25/gmc-considering-all-electric-sierra-truck/>

<https://www.foxnews.com/auto/nevada-built-tesla-model-y-is-coming-in-2020-musk-says>

<https://insideevs.com/2019-kia-niro-ev-first-drive/>

<https://teslamotorsclub.com/blog/2019/01/31/electric-pickup-roundup-musk-says-tesla-truck-not-like-an-anything-else/>

<https://www.cnn.com/2019/02/04/business/tesla-model-y/index.html>

<https://jalopnik.com/the-2019-kia-niro-ev-is-the-kia-of-electric-cars-1832273890>

<https://www.reuters.com/article/us-volkswagen-electric-insight/bet-everything-on-electric-inside-volkswagens-radical-strategy-shift-idUSKCN1PV0K4>

<https://teslamotorsclub.com/tmc/threads/battery-replacement.141959>

This is one of the most interesting Tesla posts I have seen in some time!

<https://teslamotorsclub.com/tmc/threads/manual-firmware-update-for-new-charge-port.142122/>

<https://jalopnik.com/the-sono-motors-sion-might-be-a-solar-powerbank-you-can-1832507735>

<https://www.cnbc.com/amp/2019/02/06/aaa-confirms-what-tesla-bmw-nissan-ev-owners-suspected-of-old-weather.html>

<https://jalopnik.com/aston-martin-lagondas-all-electric-suv-wont-be-the-firs-1832392228>

<https://jalopnik.com/there-are-more-than-just-two-types-of-electric-car-1832337459>

<https://arstechnica.com/cars/2019/02/volkswagens-electrify-america-will-buy-tesla-powerpacks-to-manage-peak-demand/>

<https://jalopnik.com/the-world-rally-championship-will-be-at-least-partially-1832332848>

<https://jalopnik.com/volkswagens-charging-infrastructure-will-use-tesla-power-1832335969>

<https://jalopnik.com/an-electric-swapped-honda-s2000-is-delicious-blasphemy-1831441635>

<https://electrek.co/2019/01/29/tesla-launches-new-cheaper-model-s-x-software-limited-battery-pack/>

<https://jalopnik.com/the-porsche-taycan-will-come-with-three-years-of-free-c-1832120694/amp>

<https://electrek.co/2019/01/26/tesla-supercharger-sabotaged-weird-anti-tesla-incidents/>

<https://hondanews.eu/en/cars/media/pressreleases/160947/honda-confirms-world-premiere-of-new-electric-vehicle-prototype-at-2019-geneva-motor-show>

<https://jalopnik.com/porsche-cranks-up-taycan-production-capacity-to-match-d-1832081514>

<https://electrek.co/2019/01/23/volvo-polestar-2-images-tesla-model-3-competitor-google-ui/>

<https://www.polestar.com/news/year-of-the-2-user-interface>

<https://www.latimes.com/world/europe/la-fg-germany-coal-power-20190126-story.html>

<https://arstechnica.com/cars/2019/01/report-toyota-and-panasonic-to-create-an-electric-car-battery-spin-off-company/>

<https://electrek.co/2019/01/22/tesla-cuts-supercharger-prices-back-down-customer-backlash/>

The price per kwh isn't as low as it was last year, but still better than it was going to be.

Unrelated to EV's but very interesting article. Dental hygiene may keep your brain healthy!

<https://www.newscientist.com/article/2191814-we-may-finally-know-what-causes-alzheimers-and-how-to-stop-it/>

<https://cleantechnica.com/2019/02/12/scoop-gm-working-on-electric-pickup-truck-with-tesla-powertrain/>

<https://insideevs.com/nissan-leaf-e-plus-order-europe/>

I do not hold any interest in any car manufacturer or any of their subsidiaries

New FVEAA Website Development Update

Ted Lowe

I'm continuing to make good progress on our new website and am still on schedule to complete this project by the end of Feb. 2019. I originally estimated it would take about 80 hours of work but it has been way way more. (I'm glad i didn't bid this project for a fixed fee - well i did... free :) More details soon.

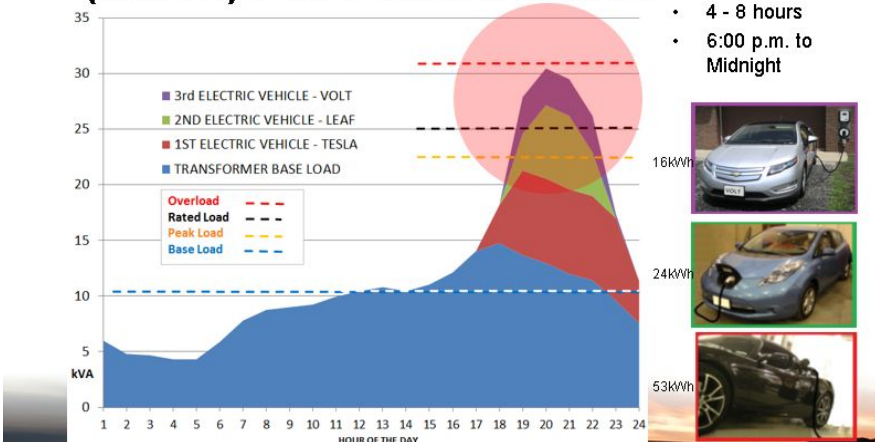


Howard (Buddy) Hansen (right) provided a very entertaining presentation on his vision of Electric Vehicles and his sleek new black Tesla Model 3."Serenity" Great job Howard!!

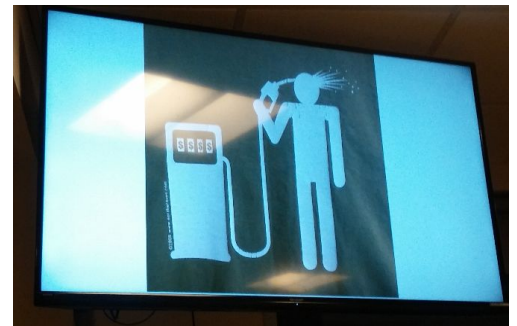


ELECTRICITIES OF NORTH CAROLINA, INC. The Impact of Electric Vehicles on the Local Grid

Impact of Charging Three Electric Vehicles – (almost) Worst Case Scenario



A Slide from Bruce's presentation showing the overload on a local transformer as three EVs charge simultaneously during early evening. This does not even take into account hot days or other overload factors which could make the overload worse!



some funny slides from Howard's talk



The new fast Daffodil !



The FVEAA during introductions which lasted the first 40 minutes	President Jeff Miller presided
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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 **53 active paid-up** members, **down THREE** from last month!
I'm officially concerned by the our dwindling membership! Please renew &recruit new folks in 2019!!!



FVEAA Membership Report
 as of 2019-02-14 04:58:06

Count of Members by Type

Membership Type	Count	Paid Up
BusinessStd	1	1
Family	4	4
Individual	47	45
LifetimeInd	3	3
Totals	55	53

Other Statistics

Statistic	Value
% Paid Up	96.4%
Avg. Paid Up Days	192.5 days
% With Email	94.5%

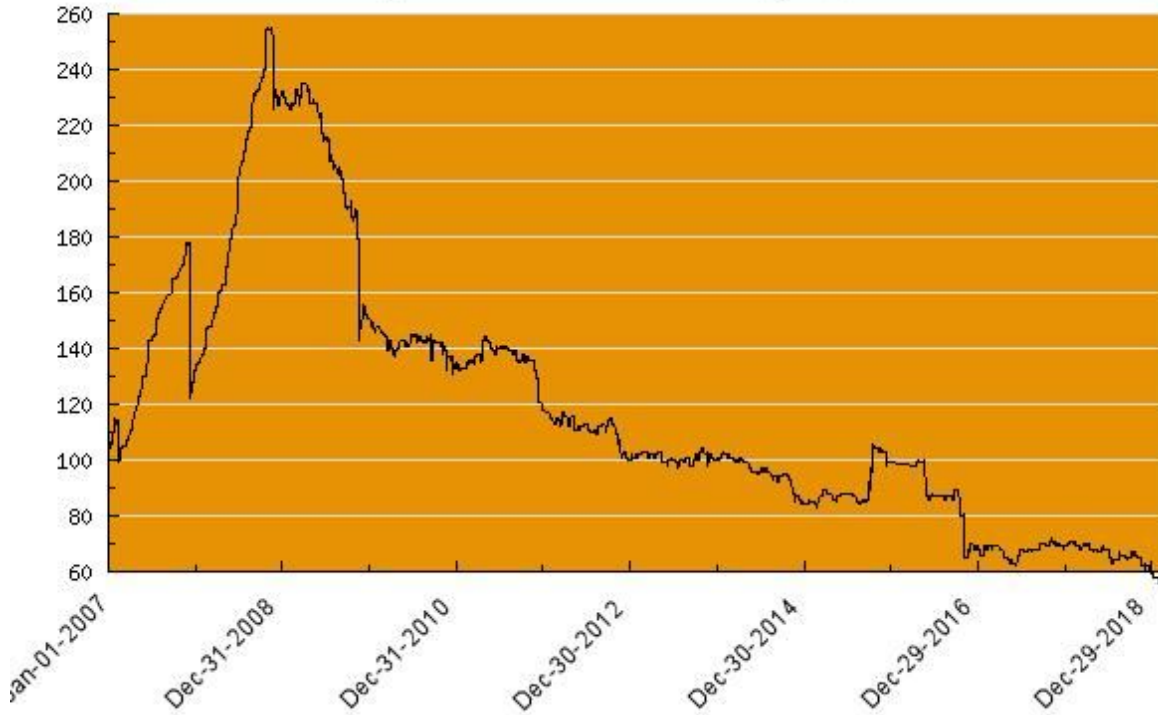
Encouraging Our Membership To Grow in 2019 and Some History Ted Lowe

Happy 2019 EVeryone! 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 EVents with our EVs. **Let's get out there and grow the FVEAA in 2019!!!**

FVEAA Paid Up Members as of February 14, 2019 8:01 am



Monthly Treasurer Reports

Ted Lowe

As Treasurer, i am publishing a brief Treasurer's Report to our forums around the time our monthly newsletter is published.

i am publishing our various cash balances (Money Market, Checking, PayPal) to this location:

[FVEAA Committees](#) > [Finance](#) > [Treasurer Reports](#)

This area of the forums can only be seen by FVEAA members. As an IL Non-Profit corporation, we have no requirement to publish our assets or financial statements publicly.

Feel free to contact me if you have any FVEAA financial matters to discuss.

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!

Rich has been very active recruiting people to spread the EV Love at the 2019 Chicago Auto Show!

- WELCOME - Jeffrey Miller opened the meeting at 7:05
- Introductions lasted 40 minutes
- Bruce with assistance from Jeff and the team, provided an overview of a meeting on Monday of this week with the Mayor of Naperville, Steve Chirico, Mark Curran head of the Naperville Public Utility. Jeff Miller, Greg Hubert, Maureen Stillman of the FVEAA were in attendance. He also showed some slides of what projected EV sales were back in 2012 along with slides of Transformer overload situations.
- The Meeting set up by Jodi Trendler of the Resiliency Institute was meant to promote the use of electric vehicles in Naperville and voice dissatisfaction with high costs (dis-incentives) that EV owners face when looking to install a home EVSE in Naperville. Sometimes the local transformer needs to be upgraded and we are forced to pay a high variable fee to upgrade it... as opposed to Naperville coming up with a low or no cost way to fund the transformer upgrades, which could come from existing maintenance budgets.

Resiliency Institute meeting Monday 1/14/2019 7 p.m.

led by Jodi Trendler, Executive Director and Co-Founder jodi@theresiliencyinstitute.net

22 attendees including

- Jodi Trendler Exec Dir The Resiliency Institute
- Mark Curran, Director of Public Utilities
- Steve Chirico, Mayor of Naperville
- **Jeffrey Miller President, FVEAA**
- **Gregory Hubert**
- **Maureen Stillman**
- **Bruce Jones Secretary FVEAA**

ISSUE: Naperville charges unfair fees for Local Transformer when installing Home EVSE

- Residents Pay a fee – variable fee under discussion from \$300 to \$500 but
- The city mentioned a smaller fee \$300 – 500 range
- Greg Hubert received a notice that \$7k would be split 5 ways (\$1400) which is much higher
and he argued it is fundamentally unfair. Everyone should pay the same fee.
- We are going to request **no fee or a small consistent fee** for everyone in Naperville
- Naperville should pick up the rest of cost from their substantial Maintenance Budgets

City replacing the broken charging stations downtown Naperville

- Recommended they put a note on the EVSE downtown that they are not operating!
- We need smart EVSE managed by the City
- City should take advantage of TESLA program for charging stations

COAL Powered IMEA

- Naperville signed a contract through 2035 for coal powered electricity with the IMEA (Illinois Municipal Electric Agency) a consortium of 32 Illinois cities.
<http://www.imea.org/Members.aspx>
- Bulk of power from Prairie State Energy Campus (Coal plant) southeast of St. Louis
- The city of Naperville did not consume as much power as it expected the last year or so.

5% - 10% Wind Next year 2020

- City hoping to use more renewables, but it didn't sound like they had a commitment to do so.

Naperville Utility - EV Education opportunity for FVEAA

- Naperville Utility may be directing people to FVEAA for assistance with questions on Electric Vehicles
- Jeff leading a team (us!) to create educational material to provide to the Naperville Utility to distribute with their EV education package.
- Bruce showed a basic home Checklist and we can leverage our FVEAA brochure
- Sustainability Task Force to work w Mark Curran (Retiring in April) and Lucy

Smart Grid to tie to Web site in 3QTR.

- There were problems with the Smart grid web software purchased several years ago
- the Utility has been writing their own software.
- It has also been delayed and may be complete and online by 3rd Qtr

● BREAK

● Howard Hansen - Tesla Model 3

- Howard provided a very entertaining, funny presentation on Electric Vehicles, and his new black Tesla Model 3 named "Serenity"
- Great Job Howard, we really enjoyed the humor too!

● MEETING ADJOURNED 8:50 p.m. due to the snow.

● Members however remained and talked afterwards

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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