

**Attending:** Michele Siegmann, Dave Morrison, Garth Fletcher, Dick Stockdale, Darrell Scott, Curt Spacht, Kathy Chapman, Michelle Scott.

**Minutes from April:** These were sent out ahead, but not everyone had read them, so we postponed minutes approval til June, 2022.

**Security Training:** Kathy mentioned that at least one person on the committee needs to do this training . Michele Siegmann offered to do this, and was given the password. (Michele, if you have forgotten, please call me)

**July meeting** The members decided to cancel the July 4<sup>th</sup> meeting and hold it on July 11 instead. I moved to vote on this meeting change date, Dave seconded the motion, and it received approval from the members.

**Speaker for May 4** Check out Tim Coxwell on his linked in account: <https://www.linkedin.com/in/tim-coxwell-cafm-cfp-cem-38762935/>

Tim Coxwell from Leon County, which includes Tallahassee, FL. Tim was consulted because he has replaced many cars his officers use, except some of the cruisers, with EV or hybrids. Our questions for him: How did he get the powers that be and the money, for making these changes. Facts: they have 576 vehicles in the fleet. Their department has a budget of \$3 Million.

Vehicles: 3 Teslas, model 3, thru a cooperative purchasing program in FL. (he seemed to think we could use this kind of buying power too) Chargers for these vehicles would be thru “Beam” or Beam for All. This powerful solar charger cost about \$85,000 <https://beamforall.com/product/ev-arc-2020/> for more info. This kind of solar charger can charge 3 vehicles in minutes not hours, and is independent of power grid. Energy can be used for other purposes as well. There was a deal from Tesla, if you bought 2 vehicles, you would get 3 chargers. These vehicles were \$35,000 to \$38,000 before they were outfitted for police work. It costs another \$2000 for outfitting + \$2000 for the labor to install everything.

More info: Police cruisers seldom go more than 50 miles/day, and spend 70% of their time idling, so the hybrids work out very well! Depending on how they are driven, they can get up to 50mpg, if officers are a peddle to the metal type of driver they still get at least 40 mpg. Their Teslas don’t idle, they sit ready to take off anytime! So even more savings.

Solar chargers are best buy, even tho they initially cost \$85,000. The power from these can charge several vehicles at once, and the power can be used for other uses in emergencies. They have installed some of these. Report from NY State is that due to latitude in NE, they weren’t quite as good as in FL. These solar chargers have a way to measure their use “charge point” and this can offset some costs as their power can be shared with others for a price.

Tim says they have had a few hybrids in 2006, but they made the mistake of not promoting their efficiency and how pleased the drivers were. He recommends promoting the statistics of driving the hybrids.

The department now has 3 Teslas, and are planning to buy more. These have good acceleration and performance is approved by the police users. It costs \$0.34 /KWh for Tesla charging. Cost for driving is about \$0.83/25 miles. He recommends keeping careful statistical data when changing over as this will help win over doubters. Teslas do not need a key, but work on a phone app to lock/unlock, and control temperature in vehicle.

Beamforall.com is an energy storage and EV charging station. See website for more info. They have a \$500 charger which costs \$1000 to install. The hybrid costs about \$5 to charge to drive 100 miles. Tim advises us to look at the life cost of vehicle and energy costs. He says Toyota and Subaru are coming out with new models. He has made comparisons of fossil fuel and EV infa-structure (25KWh for 100miles).

Tim noted it costs more to charge a vehicle from 80% to 100%, so it is typically not necessary to fully charge. Plan for how much mileage is needed daily. What other cities have Teslas? Westport, CT Bartersville, IN, Fremont, CA. Rebates are still available!

Tim was going to share his slides with us, and Kathy shared.

**Town Earth Day Clean Up** This was done with the Conservation Committee. MEC will fill out the report to ??? for the number of bags. It was a 6 yard dumpster, and Garth will estimate approximately how many bags it would hold. MEC will write a thank you note (Michelle Scott can do this if info is provided for Name of Owner of dumpster, and address) Curt feels this was a success, and his coordination of the road assignments was vital to making it cover nearly every road in town! Thanks to all who helped. Maybe we can do a thank you on our FB page?

**Teaming up with Toadstool** We got some copies of Electrify by Saul Griffith which Kathy and Curt read, and several others. We look forward to some action items as a result of their perusal.

Michelle is reading 100% Solution by Solomon Goldstein-Rose. A very practical and organized approach which discusses/includes “pillars” of each part of what needs to be done by 2030 and 2050. I have the book and am willing to share it with someone at the next meeting.

How are we going to Explain this? Joelmer Mommers (from Netherlands)

Inconspicuous Consumption by Titiana Schlossberg

Drawdown Most comprehensive plan ever proposed

Regeneration by Paul Hawkins, ed. Ending Climate Crisis in One Generation

The Fragile State Writing from NYT on climate Edited by David Remmick and Henry Finder 2 chapters by Bill McKibben

Rescuing the Planet by Tony Hiss Climate Change is only one of 3 issues, climate, water, extinction. Intro by E.O. Wilson

The meeting ended at 9:05 with move to adjourn by Kathy and seconded by Dick.