NEW: Electric Vehicles Workshop Track!

**Friday, June 15**

- Beginner’s Guide to Buying an Efficient Car at 3:30 p.m. (T2)
- Chevy Volt, Bolt, and Tesla 3 at 4:30 p.m. (T4)
- Real World Experiences with Plug-In Vehicles—Owner Panel at 5:30 p.m. (T11)

**Saturday, June 16**

- Driving My Tesla Model S P85 on Sunshine at 1:00 a.m. (T7)
- Tesla Vehicles—From Roadster to Model 3 at 12:00 p.m. (T13)
- Best Energy-Efficient Vehicle for You at 2:30 p.m. (T3)

Don’t Miss:

**Driving on Sunshine Array Ribbon Cutting!**
Join us for a Ribbon Cutting Ceremony to celebrate the installation of our new Solar Carport and Advanced PV+EV Training Lab! Friday, 11:30 a.m. at the Clean Transportation Show.

**EV Charging, Electric Vehicle Ride-N-Drive, & Clean Transportation Show:** See page 21 for more information on Electrical Vehicle charging and how you can view and even take an EV for a spin at The Energy Fair!

**T1. Advanced Fuel Vehicles:** Advanced Fuel Vehicle (AVF) options are incredible, plentiful, and varied. Whether you are considering your first investment or have been an AVF follower since day one, ask your questions to an experienced driver of AVFs. Chris Schneider, President and AFV Guru, Honda Motorwerks. Friday 2:30 p.m. in the White Flag Tent 

**T2. Beginner’s Guide to Buying an Efficient Car:**
Learn the pros and cons of hybrid electric, plug-in electric, and battery electric cars. You can also learn the basics about maintenance, cost, availability in the Midwest, and much, much more. Kris Simonson, Hybrid and Electric Car Owner, The Foreign Service and Stew Roberts, ASE Certified Hybrid Vehicle Technician, The Foreign Service. Friday 3:30 p.m. in the White Flag Tent 

**T3. Best Energy-Efficient Vehicle for You (3 hour with 2 hour classroom and 1 hour show tour):**
Learn about hybrid, plug-in, and standard electric vehicles, including individualized guidance on which type of car is best for you. Then, join us for a one-hour tour of the Clean Transportation Show. Kris Simonson, Hybrid and Electric Car Owner, The Foreign Service and Stew Roberts, ASE Certified Hybrid Vehicle Technician, The Foreign Service. Saturday 2:30 p.m. in the White Flag Tent 

**T4. Chevy Volt, Bolt, and Tesla 3:** A brief history of electric transportation, hybrids, and electric vehicles will be given, followed by specific information on the Chevy Volt (Generation One) and improvements made in Generation Two—the Chevy Bolt. Doug will also review the Tesla 3. Doug Lanesky, Owner of Chevy Volt, Enthusiast. Friday 4:30 p.m. in the White Flag Tent 

**T5. Convert a Bicycle to Electric Assist (Demo):**
We will be converting an older bicycle to run partially on electric power. Ramy Selim, Executive Director, Sunny Day Earth Solutions. Saturday 10:00 a.m. in the Clean Transportation Show 

**T6. Convert a Vehicle to Run on Cooking Oil (Demo):**
We will show you the steps to convert your vehicle to run on new or used cooking oil, as well as the best vehicles for conversion!

**Ramy Selim, Executive Director, Sunny Day Earth Solutions. Sunday 12:00 p.m. in the Clean Transportation Show**

**T7. Driving My Tesla Model S P85 on Sunshine:** In this workshop, we will look at the total watts consumed driving a Tesla “S” under a wide range of driving conditions and discuss the size of a solar electric system required to drive on 100% sunshine. James Kerbel, NABCEP Certified Installer, Photovoltaic Systems LLC. Saturday 11:00 a.m. in the White Flag Tent 

**T8. EV Charging Infrastructure—The Road Ahead (3 hour):** This three-hour workshop, requires a $30 ticket that can be purchased at www.TheEnergyFair.org/tickets or on-site (space limited). In this workshop a comprehensive, state of the art review of various conductive and emerging inductive (wireless) charging technologies for electric vehicles (EVs), will be presented. Mohammad Saad Alam, Director, Ph.D., Center for Advanced Research in Electrified Transportation, Aligarh Muslim University (AMU), Sunday 9:30 a.m. in the Education Room 

**T9. Nikola Tesla’s Clean Energy Solutions:** Most are not aware that we are using only half of Nikola Tesla’s patented hardware, the remainder of which is proven capable of ending greenhouse gas emissions! Jeff Hayes, Director, Tesla Engine Builders Assoc. Sunday 2:00 p.m. in the White Flag Tent 

**T10. Owning a Battery Electric Vehicle:** Understand the changing marketplace of electric and hybrid vehicles. Learn about choosing makes/models, new or used, and what it takes to own and maintain hybrid electric vehicles (HEV). Kris Simonson, Hybrid and Electric Car Owner, The Foreign Service and Stew Roberts, ASE Certified Hybrid Vehicle Technician, The Foreign Service. Sunday 3:00 p.m. in the Pink Flag Tent 

**T11. Real World Experiences with Plug-In Vehicles—Owner Panel:** Plug-in vehicle owners will present their experiences with owning and driving plug-in hybrid or electric vehicles. Topics covered include overall experiences, costs, driving, hot/cold weather, and technology usage. Time for question and answer. Dennis Griffin, John Ivanko, Doug Lanesky, Chris Schneider, Plug-in Vehicle Owners (Chevy Volt, Chevy Bolt, Prius Prime, Honda Clarity PHEV and Honda Clarity FCEV.) Friday 5:30 p.m. in the White Flag Tent 

**T12. Solar-Powered Electric Vehicle:** A comprehensive understanding of maximizing the benefits of combining solar and electric vehicle technology based on extensive professional and practical experiences. Craig Toepfer, Managing Director, Hybrid Electric Home. Saturday 5:30 p.m. in the Grey Flag Tent 

**T13. Tesla Vehicles—From Roadster to Model 3:** This workshop will help answer the most commonly asked Tesla/electric vehicle–related questions from Tesla owners. The information presented will be unbiased and provide a wealth of information. Mike Klimkosky, President, Wisconsin Tesla Owner & Enthusiast Club. Saturday 12:00 p.m. in the White Flag Tent 

**T14. Traveling by Bicycle:** Ever consider going on a self-propelled adventure? Learn how to plan and execute a successful bicycle tour, whether it’s for a weekend or a month. Trip planning, equipment needed, and much more will all be discussed. Melissa Haack, Bicycle Enthusiast. Sunday 3:00 p.m. in the White Flag Tent 

**WORKSHOP LEVELS**

**Beginner:**

Intermediate:

Advanced:

**Children:**

**Teachers:**

Featured Presenter: Kris Simonson

Hybrid and Electric Car Owner, The Foreign Service

Presenting: Beginner’s Guide to Buying an Efficient Car (T2)