EC1. **Beware of Your Home Energy Use and Potential:** Come learn about your own home energy usage, and what options you might have to improve energy conservation and efficiency. Shiba Kar, Asst. Professor, UW-Stevens Point/UW-Extension. Friday 4:30 p.m. in the Pink Flag Tent.

EC2. **Building an Affordable Passive House:** Take a look into building IA’s most energy-efficient home, located in Dubuque, IA. I will give insight into the trials and tribulations of building a small passive house on a budget. Shane Hoeper, NABCEP PV Installation Professional, PHIUS Consultant, Owner, Hoeper Green Power. Saturday 3:30 p.m. in the Brown Flag Tent.

EC3. **Comfortable and Energy-Efficient Buildings:** Improper insulation and air sealing can form ice dams, draughty rooms, and poor indoor air quality. Discuss solutions to improve comfort in your home and business. Torrance Kramer, President/BPI BA MF, CEM, LEED AP, Accurate-Airtight Exteriors. Sunday 3:00 p.m. in the Purple Flag Tent.

EC4. **Focus on Energy—Residential Guide:** This is about Focus on Energy Residential incentives available to you. We’ll go over modern home assessments and home energy score as well as what homeowners should know about efficiency upgrades. Chad Laibly, Focus on Energy and Emily Millar, BPI Certified Home Energy Assessor, Steady State Building Performance, LLC. Friday 3:30 p.m. in the Pink Flag Tent.


EC6. **People Power—Strategies for Energy Use Behavior Change:** The energy revolution will require behavior change in addition to technological advancement. We will discuss effective strategies for encouraging energy use behavior change. Bethany Glinsmann, Energy Analyst & Program Coordinator, UW-Madison, Resource and Energy Demand Analysis Master’s Program. Saturday 10:00 a.m. in the Grey Flag Tent.

EC7. **Road to Zero Energy Over Building Lifespan:** Homeowners are regularly seeking to decrease their carbon footprints through the life of their buildings. We will explore unique ways to reduce your energy consumption over the life of your own building. Torrance Kramer, President/BPI BA MF, CEM, LEED AP, Accurate-Airtight Exteriors. Saturday 3:30 p.m. in the Purple Flag Tent.

EC8. **Tales from the House—Energy Audits:** Enjoy the humor in the many oddities we have discovered with over a decades’ worth of experience crawling through nooks and crannies of buildings. You’ll learn the dos and don’ts to improving the efficiency of your home and lessons learned from an energy audit. Torrance Kramer, President/BPI BA MF, CEM, LEED AP, Accurate-Airtight Exteriors. Sunday 2:00 p.m. in the Purple Flag Tent.

EC9. **The State of Electrical Conservation—Saving Energy vs. Affordable Solar:** The class will cover the struggle between conservation and affordability of solar. Why worry about those phantom loads when it is rather affordable to just add another solar panel? What happens to kW per hour cost—considering meter charge—when electrical usage is low? Fritz Hastreiter, Electronics Degree (10yrs), MREA Member. Sunday 10:30 a.m. in the Purple Flag Tent.

EC10. **What an Energy Auditor Looks For…:** Learn how a professional energy engineer does an energy audit. Get practical ideas for savings, understand more about your monthly bill, and explore some new efficiency technologies. Michael T’Kach, Energy Efficiency Manager with 15 years of audits for local nonprofit buildings in MN, EnerChange—a 501 (c)(3) Nonprofit. Friday 5:30 p.m. in the Pink Flag Tent.

EC11. **Wrenshall Residence—A Low Energy Case Study:** My partner and I built a low-energy, passive solar house in northern MN. I’ve compiled a year’s worth of energy-use data and experiences into a case study presentation for you. Elden Lindamood, Architect, Wagner Zaun Architecture. Sunday 9:30 a.m. in the Purple Flag Tent.