W1. High Homebrew Wind—Build Your Own Wind Turbine (3 hour): This three-hour workshop requires a $30 ticket that can be purchased at www.TheEnergyFair.org/tickets or on-site (limited space). Wind is the most difficult renewable resource to harvest, and small, commercial wind turbines are expensive. With the right knowledge, preparation, and tools, you can build your own from scratch for cheap. Dan Bartmann, Owner, Otherpower. Friday 9:30 a.m. in the Yellow Flag Tent.

W2. Intro to Wind: You can learn about small and large turbines, their associated parts, types and applications, and get a tour of the wind systems on site. Dan Bartmann, Owner, Otherpower. Saturday 2:30 p.m. in the Red Flag Tent.

W3. Understanding Wind Turbines—Beginner Math and Economics: Do you ever wonder why those big wind turbines turn so slowly and some of them aren’t moving? Learn the math (we’ll go easy on that) behind wind turbines and the economics that explain why a turbine doesn’t work on your roof. After this workshop, you will look waaaay cool when you talk about wind turbines. Time for Q&A at the end. David Ashworth and Bob Klingberg, 3rd Energy, Inc. Saturday 3:30 p.m. in the Red Flag Tent.

W4. Water-Pumping Windmills: The granddaddy of renewable energy technology, water-pumping windmills shaped rural America and still work today! Learn the history of windmill restoration and wind-powered water systems. Bryce Black, LoTec Windmill Service. Saturday 4:30 p.m. in the Red Flag Tent.

SAVE THE DATE:
Small Wind Turbine Design & Construction Workshop (W 306.01) at the MREA in CUSTER, WI – July 9 - July 14!
www.MidwestRenew.org/courses

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