

## **Advanced Wind Energy Workshop**

*The Advanced Wind Energy Workshop is geared towards participants that are interested in large community and locally owned wind systems. An outstanding slate of speakers will present detailed information on wind farm development including wind resource and site assessments, business structures, pro forma development, financing, equity investors, and legal considerations.*

## **Home Grown Energy Conference**

*The Home Grown Energy Conference will provide information across a wide range of renewable energy technologies including wind energy, biomass, biofuels, hydrogen, and energy systems for farms, homes, and businesses. The speakers and panelists will provide practical information to farmers, business and home owners, public officials, students, and citizens. Lunch and materials are included. Bring your questions!*

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Morris, MN  
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West Central Research & Outreach Center  
46352 State Hwy. 329  
Morris, MN 56267

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## **University of Minnesota West Central Research & Outreach Center - Morris**

### **ADVANCED WIND ENERGY WORKSHOP**

**February 27, 2006  
10 am - 6 pm - WCROC**

### **HOME GROWN ENERGY CONFERENCE**

**February 28, 2006  
8:00 am - 3:30 pm - UMM**



## **Two Premier Renewable Energy Education Opportunities!**

*Register today by calling Jean  
or Cory at (320) 589-1711*

## ADVANCED WIND ENERGY WORKSHOP 10 am- 6 pm February 27, 2006

**Location: WCROC Office - Morris**

**Registration: \$60 (Includes lunch & materials)**

- 9:30 am Registration and Refreshments
- 10:00 am Welcome and Introductions
- 10:10 am Wind Farm Development Basics Overview  
*-Michael Reese, WCROC*
- 10:30 am Siting Wind Farms  
Best Bet Locations  
*-Steve Wagner, USDA-ARS*  
Wind Resource Assessment  
*-Lee Alnes, Wind Logics*  
Wind Farm Siting: Choosing the Right Location  
*-Jay Haley, EAPC Architects & Engineers*
- Noon Lunch (Included in registration)
- 1:00 pm The Bottom Line: Developing a Pro forma  
*-Dr. Ed Persons, Prof. Emeritus, U of MN*
- 1:30 pm The MISO Process  
*- Midwest ISO*
- 2:00 pm Financing Wind Farms  
*-Mike Hansen, 1st Farmers & Merchants Bank*
- 2:45 pm Break
- 3:00 pm Successful Locally-Owned Business Structures  
Minnesota Flip and CBED  
*-Dan Juhl, Dan Mar and Associates*  
Local Investment Model  
*-Mark Willers, MinWind Energy LLC*
- 4:00 pm Q and A Session
- 4:30 pm Legal Considerations for Wind Farms  
*-Jeff Paulson, Jeffrey C. Paulson & Associates*
- 5:30 pm Maintenance and Operation  
*-Greg Flobeck, Vestas North America*
- 6:00 pm End of Workshop

Pre-registration is requested prior to February 20th. The Home-grown Energy Conference fee is waived for those attending both events. Workshop space is limited so please register early.

## HOME GROWN ENERGY CONFERENCE 8 am - 3:30 pm February 28, 2006

**Location: UMM – Student Center - Morris**

**Registration: \$30 (\$15 for Students) - Lunch Included**

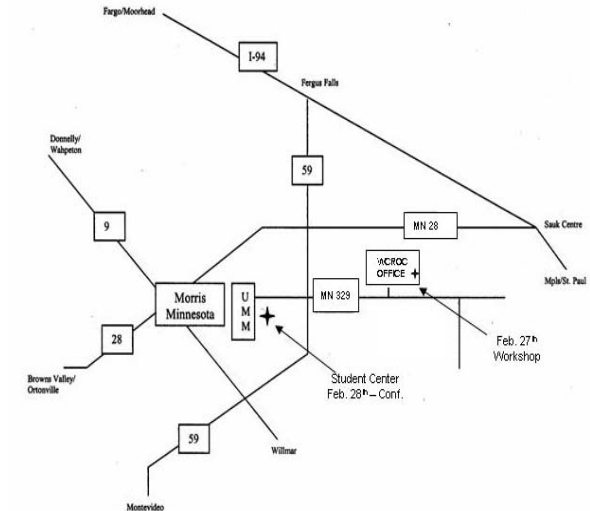
- 8:00 am Registration and Refreshments
- 8:30 am Welcome – *Dr. Sam Schuman, Chancellor of UMM*
- 8:40 am University of Minnesota Renewable Energy Research & Demonstration Center at Morris  
*-Michael Reese, West Central Research & Outreach*
- 9:00 am Wind Energy: Capturing Value for Local Communities  
*-Mark Willers, MinWind Energy LLC and*  
*-Dan Juhl, Dan Mar and Associates*
- 9:50 am Biodiesel & Other Biofuels  
*-Kenneth Bickel, University of Minnesota*
- 10:15 am Break
- 10:35 am Biomass Technologies: Adding Value to Home Grown Resources  
*-Jerod Smeenk, Frontline BioEnergy LLC*
- 11:00 am Sustainable Building Technologies for Our Communities  
*-Dr. John Carmody, University of Minnesota*
- 11:25 am Hydrogen: The Future of Energy  
*-Rolf Nordstrom, Upper Midwest Hydrogen Initiative*
- 11:50 am Lunch - UMM Student Address
- 1:00 pm Breakout Session #1:
  - I. Biomass Systems for Minnesota
  - II. The Biofuel Future
  - III. Community Based and Hybrid Wind Energy
  - IV. Renewable Energy Technologies for Farms, Businesses, Homes, and Public Buildings
- 2:00 pm Breakout Session #2 (Repeat Above Sessions)
- 3:00 pm Moving Forward with Home Grown Energy  
*-Dr. Greg Cuomo, West Central Research & Outreach*
- 3:30 pm End of Conference

Pre-registration is requested prior to February 20th.

Scholarships are available. Call Jean at (320) 589-1711.

## IMPORTANT INFORMATION:

- Pre-registration requested prior to February 20th. Call Jean or Cory at (320) 589-1711 to register.
- Hotel accommodations are available at:
  - Best Western Prairie Inn (320) 589-3030
  - Super 8 Motel (320) 589-8888
 -Ask for “Home Grown Energy Conf.” rate.
- Map to both events: (Feb 27th at the West Central Research & Outreach Center and Feb 28th at the UMM Student Center)



- Scholarships are available. Request information by calling Jean at (320) 589-1711.
- The events are sponsored and hosted by the West Central Research & Outreach Center and the Univ. of Minnesota, Morris.
- Home Grown Energy Conference fee waived for those attending both events.
- More information at:  
[www.energy.coafes.umn.edu](http://www.energy.coafes.umn.edu)  
Jean or Cory at (320) 589 - 1711