**Advanced Biomass Energy Workshop**

The Advanced Biomass Energy Workshop is participants interested in current and near-term biomass use in energy production. The speakers and panelists will provide practical information to farmers, business/home owners, public officials, students, and citizens interested in their role in biomass energy. Highlights include presentations by leaders in the biomass energy field and tours of the soon to be completed University of Minnesota Morris biomass gasification plant.

**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, transmission, business structures, wind energy markets, financing, equity investment, and legal considerations.

**West Central Research and Outreach Center**

**University of Minnesota Morris**

**ADVANCED BIOMASS ENERGY WORKSHOP**

November 15th, 2007
8 AM - 5 PM - UMM

**ADVANCED WIND ENERGY WORKSHOP II**

November 16th, 2007
8:30 AM - 4:30 PM Morris, MN

Two Premier Renewable Energy Education Opportunities!

Register today by calling Jean, Cory or Joel at (320) 589-1711
ADVANCED BIOMASS WORKSHOP
8 am - 5 pm
November 15th, 2007

Location: University of Minnesota Morris
Registration: $15 (Limited number of student passes)

7:15 Registration Opens-Coffee, Juice, and Rolls
8:00 Opening And Welcome - Joel Tallaksen WCROC
8:05 Welcome to UMM- Chancellor Jacqueline Johnson,
8:20 Renewable Research at the U of M - Greg Cuomo, U of M
8:45 Current Biomass Applications
Lowell Rasmussen, University of Minnesota Morris
TBA, Laurentian Energy Authority
William Lee, Chippewa Valley Ethanol Coop
10:00 Break
10:30 Biomass Technologies and Facilities
Lanny Schmidt, University of Minnesota
TBA, U of M Duluth, NRRI
Doug Maust, Hamel, Green, and Abrahamson, Inc.
12:00 Lunch
1:15 Breakout Sessions
Topic 1 Sustainable Feedstock Supplies
Don Reicosky, USDA-ARS-NCSCRL
Jane Johnson, USDA-ARS-NCSCRL
Joel Tallaksen, WCROC
Don Wyse, University of Minnesota
Topic 2 Biomass Project Economics
Linda Meschke- Rural Advantage
Steve Wagner USDA-ARS-NCSCRL
Maria Brun- University of Minnesota Morris
Kevin Triemstra- Golder Associates Inc.
2:45 Break
3:05 Breakout Sessions
Topic 1 Feedstock Supply
Eric Woodford- Woodford Custom, Inc.
Vance Morey- University of Minnesota
Russell Koopman- Sunrise Agrifuels Inc.
Topic 2 Regulation and policy
Torrey Westrom- State Representative District 11A
Aaron Peterson- State Representative District 20A
Heather Magee-Hill- MPCIA
4:30 Future Directions in Biomass Energy
Lowell Rasmussen, UMM
5:00 Optional Biomass Plant Tour
5:45 Informal Off-site Social
-Location and directions will be provided
-Discussion about a statewide gasification association

Stay tuned for the latest updates on speakers and topics.

ADVANCED WIND WORKSHOP II
8:30 am - 4:00 pm
November 16th, 2007

Location: Old #1, Morris, MN
Registration: $60 ($20 for Students, $20 Spouses)

8:00 Registration
8:30 Welcome and Wind Energy Basics
Michael Reese, Renewable Energy Director, WCROC
9:00 Understanding the Local Resource
Wind Logics
9:30 Understanding the Local Transmission System and Process
Larry Schedin, Electrical Engineer, LLS Resources
10:15 Break
10:30 State Permitting Process
Sarah Emery, Engineer, HDR
11:00 The Local Wind Energy Markets Panel
The Utility Perspective
Randy Synstelien, OtterTail Power
The Second Day MISO Market
Larry Schedin, LLS Resources
The Local Energy Market
Lowell Rasmussen, Vice Chancellor
Noon Lunch provided
12:45 Wind Energy Development for Local Projects
John Ihle, Community Wind Energy Developer
1:30 Financing Local Wind Projects Panel
Equity Investment
Jeff Wright, Midwest Wind Finance
Debt Financing
Mark Schmidt, AgStar Financial
CREB Bonds
Dan O’Neil, Northland Securities
USDA Grants and Loans
Lisa Noty, USDA Rural Development
2:45 Break
3:05 Breakout Sessions
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Eric Woodford- Woodford Custom, Inc.
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IMPORTANT INFORMATION:

- Pre-registration requested prior to November 8th. Call Jean, Joel or Cory at (320) 589-1711 to register.
- Hotel accommodations are available at:
  (Ask for “Renewable Energy Conference” rate.)
  -Best Western Prairie Inn (320) 589-3030
  -Super 8 Motel (320) 589-8888
- The Advanced Wind Energy Conference is at the Old No. 1 Bar and Grill -412 Atlantic Avenue (Highway 9) between Dental Depot and Auto Value-Morris downtown Morris. Parking Available behind the facility and on the street.
- The Advanced Biomass Energy Conference is at the Student Center on the University of Minnesota Morris Campus. Signs will direct participants to parking and the student center
- The events are sponsored and hosted:
The West Central Research & Outreach Center
&
The University of Minnesota Morris.
- More information at:
  http://energy.cfans.umn.edu