

Waste to Energy Workshop for the Ohio Livestock & Food Processing Industries



Methane Production and Power Generation from Livestock Manure and Other Food Processing Wastes

Wednesday, January 31, 2007

Arden Shisler Conference Center

1680 Madison Ave., Wooster, OH 44691

Located on the Ohio State University, Wooster Campus

The **Ohio Department of Development, Office of Energy Efficiency** along with its co-sponsors invite you to attend a one day workshop aimed at informing and educating Ohio's farm & food processing industries on:

- Ohio's Manure Management Requirements
- The Role of Anaerobic Digestion in Reducing Air, Water, & Land Quality Impacts
- Integrating Combined Heat & Power (CHP) Technologies With Anaerobic Digesters
- Available Digester and CHP Technologies
- The Economic, Environmental, and Financial Aspects
- Case Studies of Existing Installations
- How to Obtain Further Assistance in Evaluating These Technologies for Your Facilities

Who Should Attend?

Potential users of these type technologies from Ohio's dairy, swine, food processing, and other livestock industries, as well as anyone involved in the design, financing, operation, or regulatory oversight of these type facilities.

What is the Cost?

- Register before January 16, the cost is "FREE" thanks to the co-sponsors
- Register after January 16, and a \$25 fee will be required

How do I register? (See Next Page)

1. By Phone... Call (312) 996-2554
2. By Fax... (312) 996-5620 – Att: Sam R.
3. By Email... samr@uic.edu

Workshop Co-Sponsors

- U.S. Department of Energy
- Ohio Department of Development
- Ohio Agriculture Research & Development Center
- Ohio State University
- Ohio Department of Agriculture
- Ohio Edison Center for Innovative Food Tech.
- Ohio Farm Bureau Federation
- Ohio Farmers Union
- Wayne Economic Development Council
- Ohio Soybean Council
- Ohio Corn Growers
- Midwest CHP Application Center



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Wooster, Ohio

January 31, 2007

Agenda

7:30 AM	Registration and Continental Breakfast	
8:00 AM	Welcome	TBD
8:15 AM	Ohio Livestock Envir. Permitting Stds.	Kevin Elder – Ohio Department of Agriculture
8:45 AM	Digester Basics	Dr. Floyd Schanbacher – Ohio State University
9:15 AM	CHP – The Concept	John Cuttica – Director, Midwest CHP Center
9:45 AM	Break	
10:15 AM	Insights From System Developers	
	- GHD, Inc	Melissa Dvorak, Marketing Manager
	- RCM Digesters	Mark Moser, President
	- NewBio E Systems, Inc	John Mills, Sr. Process Design Engineer
11:45 PM	Lunch	
	Key Note Speaker	TBD
12:45 PM	Working With the Local Utilities	
	- Connection to the Grid	Dale Arnold – Ohio Farm Bureau Federation
	- Public Power Interaction	Pat O'Loughlin – Buckeye Power
1:45 PM	Digester Case Studies	
	- Food Processing Plant	Michael Maringer – Campbell Soup Co. and Craig Kasper – K&H Energy Services
	- Feed Lot, Dairy, Ethanol Plant	Wendell Dreve – Managing Member, CEO Farmers' Ethanol LLC
2:45 PM	Carbon Credits & Trading Program	
	- Carbon Aggregation	Abigail Corso – Delta Institute (invited)
	- Farmers Union Carbon Credit Program	Dale Enerson – National Farmers Union (invited)
3:15 PM	Break	
3:30 PM	Next Steps... Where do you go from here?	
	- Depart. Of Agriculture Farm Bill	Randy Monhemius – Ohio Depart. Of Agriculture
	- Ohio ODOD Program	Jim Zuber, Office of Energy Efficiency
4:15 PM	Adjourn	



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Registration

Complete registration form and either fax or email completed form to (312) 996-5620, attention Sam Rinaldi or samr@uic.edu. If you have any questions on the conference, please contact Sam at (312) 996-2554, or samr@uic.edu. We look forward to seeing you at the conference.

Name: _____

Title: _____

Organization: _____

Street Address #1: _____

Street Address #2: _____

City/State: _____

Zip Code: _____

Business Phone: _____

Email Address: _____

Major Interests: Dairy Swine Food Processing Other
(Circle all appropriate)

Directions:

- The Arden Shisler Conference Center is located on the Ohio State University, Wooster Campus
- The address is 1680 Madison Ave., Wooster, OH 44691
- Wooster, Ohio and the Center is located approximately 60 miles south of Cleveland, and approximately 75 miles north-east of Columbus
- For driving directions please go to www.shislercenter.ohio-state.edu/about_directions.asp
- For convenient hotels please go to www.shislercenter.ohio-state.edu/lodging.asp



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