

Methane Production and Power Generation from Livestock Manure



A Waste-to-Energy Workshop for the Illinois Livestock Industry

Two Locations to Choose From:

Wednesday, August 30th, 2006
Bloomington, Illinois

Thursday, August 31st, 2006
Sterling, Illinois

The Illinois Department of Commerce and Economic Opportunity (DCEO), along with their co-sponsors invite you to attend a one-day workshop aimed at informing and educating Illinois' dairy, swine, and other livestock operations on:

- Illinois 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

Integrating methane recovery with CHP technologies provides an effective way to reduce odors and maintain land and water quality, while providing an efficient way to meet the electric and thermal needs for these facilities.

Who Should Attend?

Potential users of these type technologies from the Illinois dairy, swine, 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 August 25, the cost is "FREE" thanks to the co-sponsors
- \$25 fee after August 25

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
Illinois Department of Commerce and Economic Opportunity
Illinois Department of Agriculture
Illinois Environmental Protection Agency
Illinois Farm Bureau
Illinois Milk Producers Association
Illinois Pork Producers Association
Midwest CHP Application Center
University of Illinois Extension
Illinois Beef Association



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Bloomington, Illinois – August 30th

Sterling, Illinois – August 31st

Agenda

7:30 AM	Registration and Continental Breakfast	
8:00 AM	Welcome	Hans Detweiler – Deputy Director, Bureau of Energy and Recycling, Illinois DCEO
8:15 AM	Keynote Speaker	Doug Wilson – Director of Rural Development, USDA
8:30 AM	Illinois Manure Management	Warren Goetsch – Division Manager, Illinois Department of Agriculture
9:00 AM	Digester Basics	Ted Funk – Extension Specialist, Agricultural Engineering, University of Illinois
9:30 AM	CHP – The Concept	John Cuttica – Director, Midwest CHP Application Center
10:00 AM	Break	
10:30 AM	Insights From System Developers <ul style="list-style-type: none">- GHD, Inc- RCM Digesters, Inc- Unison Solutions	Melissa Dvorak, Marketing Manager Mark Moser, President Jan Scott, President
Noon	Lunch, Luncheon Speaker	Chuck Hartke – Director, Illinois Department of Agriculture
1:00 PM	Working With the Local Electric Utility	Rich Wright – General Executive, Renewables - Ameren Earl Moore – Manager of Standards and Customer Engineering - ComEd Patrick Griggs – Vice President of Electric Distribution - Corn Belt Energy Corporation
1:45 PM	Illinois Case Studies Moderated by David Dornbusch, Blackhawk Hills RC&D Coordinator, USDA-NRCS <ul style="list-style-type: none">- Scheidairy Farms- New Horizon Dairies- Hunter Haven Farms	Doug Scheider Terry Feldman Doug Block
2:45 PM	Break	
3:00 PM	Carbon Credits & Trading Program for Illinois Agriculture <ul style="list-style-type: none">- Illinois EPA- Delta Institute	Richard Breckenridge, Agricultural and Rural Affairs Adviser Abigail Corso, Associate Director
	Next Steps... Where do you go from here? <ul style="list-style-type: none">- USDA Farm Bill- State Biogas Program	Patrick Lydic – Business Cooperative Specialist, USDA Hans Detweiler – Deputy Director, Bureau of Energy and Recycling, Illinois DCEO
4:00 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: _____

I will be attending the Workshop in (please check):

Bloomington

Sterling

Meeting Locations (also see directions):

- **Bloomington, August 30th:**
**Illinois Agricultural Association,
Country Auditorium, First Floor
1701 Towanda Ave.,
Bloomington, IL 61701**
- **Sterling, August 31st:**
**Latin American Social Club,
2708 West Fourth Street (IL Rt. 2),
Sterling IL, 61081**

Directions to the Bloomington Location

Meeting Location:

Illinois Agricultural Association, 1701 Towanda Ave., Bloomington, IL 61701

The Meeting will be held in the Country Auditorium, First Floor

From Rockford/LaSalle-Peru: Take I-39 south I-55 north to Veterans Parkway south. Take Veterans Parkway to GE Road/Vernon Ave. A Steak 'n Shake is on the right. Turn right at the light, go to the second light (Towanda Ave.) and turn left. Take Towanda to the next light and turn left into the Illinois Farm Bureau entrance.

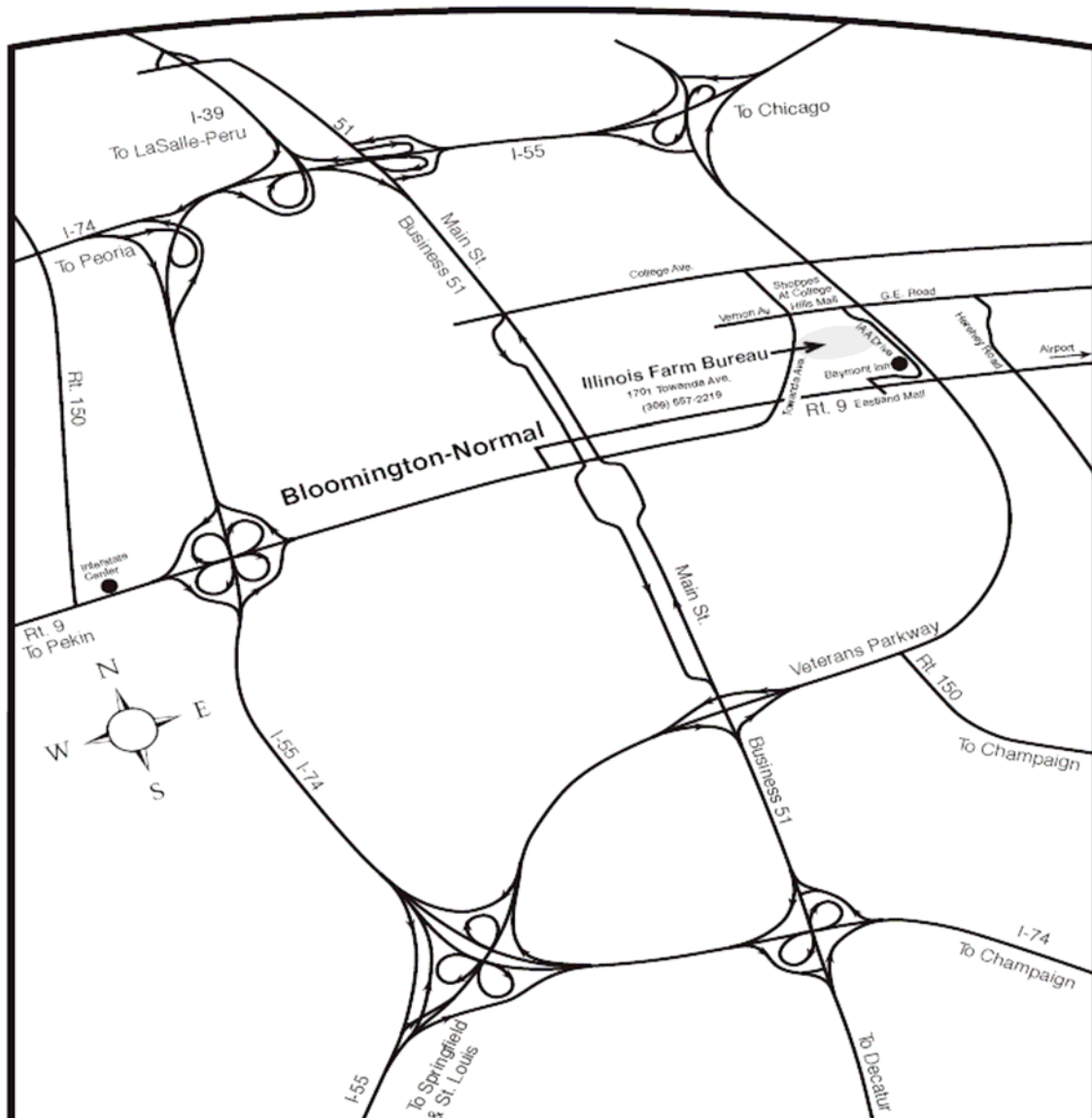
From Peoria: Take I-74 east I-55 north to Veterans Parkway south. Take Veterans Parkway to GE Road/Vernon Ave. A Steak 'n Shake is on the right. Turn right at the light, go to the second light (Towanda Ave.) and turn left. Take Towanda to the next light and turn left into the Illinois Farm Bureau entrance.

From Chicago: Take I-55 south to Veterans Parkway south. Take Veterans Parkway to GE Road/Vernon Ave. A Steak 'n Shake is on the right. Turn right at the light, go to the second light (Towanda Ave.) and turn left. Take Towanda to the next light and turn left into the Illinois Farm Bureau entrance.

From Decatur: Take US 51 north to Veterans Parkway north. Take Veterans Parkway to GE Road/Vernon Ave. A Steak 'n Shake is on the left and a Walgreens on the right. Turn left at the light, go to the second light (Towanda Ave.) and turn left. Take Towanda to the next light and turn left into the Illinois Farm Bureau entrance.

From Champaign: Take I-74 west to US 51 north (Main St.) to Veterans Parkway north. Take Veterans Parkway to GE Road/Vernon Ave. A Steak 'n Shake is on the left. Turn left at the light, go to the second light (Towanda Ave.) and turn left. Take Towanda to the next light and turn left into the Illinois Farm Bureau entrance.

From St. Louis/Springfield: Take I-55 north to Veterans Parkway south. Take Veterans Parkway to GE Road/Vernon Ave. A Steak 'n Shake is on the left. Turn left at the light, go to the second light (Towanda Ave.) and turn left. Take Towanda to the next light and turn left into the Illinois Farm Bureau entrance.



Hotels:

Baymont: (309) 662-2800

Country Inn & Suites: (309) 662-3100

Holiday Inn Express: (309) 862-1600

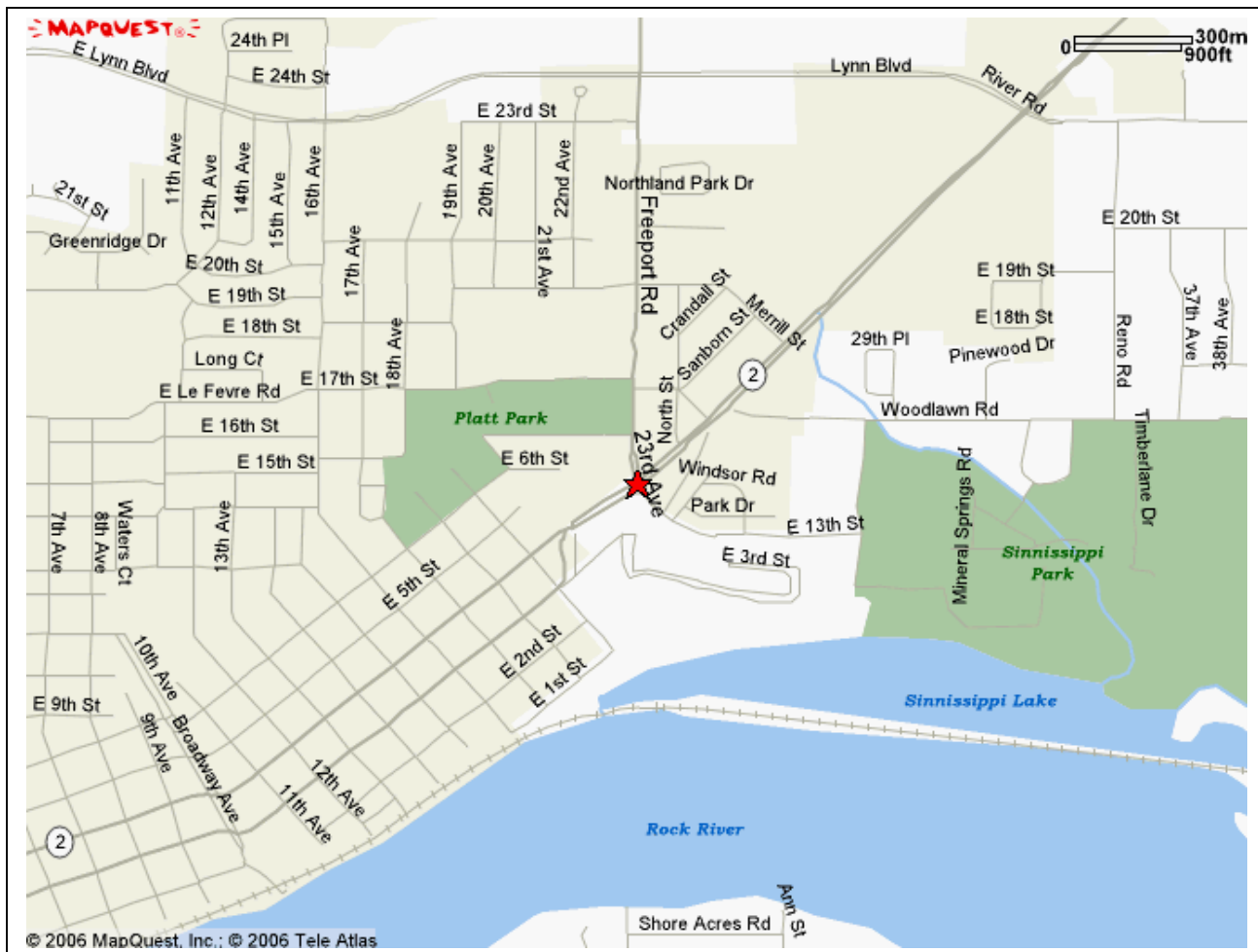
Reduced Room Rates are available courtesy of the Illinois Farm Bureau.

In order to get the reduced rate call: Lindsay Mitchell at (309) 557-3984

Directions to the Sterling Location

Meeting Location:

Latin American Social Club, 2708 West Fourth Street (IL Rt. 2), Sterling IL, 61081



Hotels:

Country Inn & Suites: (815) 625-3200

Holiday Inn: (815) 626-5500 or 1-800-HOLIDAY

Super 8 Motel: (815) 626-8800 or 1-800-800-8000