

University of Wisconsin-Madison  
College of Agricultural & Life Sciences

CALS Conference Services  
620 Babcock Drive  
Madison, WI 53706

IMPORTANT TRAINING  
INFORMATION ENCLOSED!

# Energy Management in Your Dairy Plant

May 23, 2006

Babcock Hall  
UW-Madison  
Madison, Wisconsin

Sponsored by  
University of Wisconsin-Madison's  
Biological Systems Engineering Dept.  
Department of Food Science  
Wisconsin Center for Dairy Research  
and  
Wisconsin FOCUS on Energy

## GENERAL INFORMATION

Check-in will begin at 7:30 am on the first day of the workshop, and teaching will begin at 8:00 am.

The **cost of the workshop** is \$190 per person. The fee includes materials, breaks and lunch. Lodging accommodations are not included.

**Make check payable to:** UW-Madison

**Mail or fax to:**

CALS Conference Services, 620 Babcock Drive  
Madison, WI 53706; Fax: (608) 262-5088

**Or register on-line at:**

<http://www.peopleware.net/2723>

**Cancellations:** In order to receive a full refund, you must cancel by contacting CALS Conference Services at (608) 263-1672 prior to May 17, 2006. If you fail to cancel by May 17, the full fee will apply. Substitutions are welcome at any time.

**Questions:** For registration questions, call CALS Conference Services at (608) 263-1672.

For program questions, please contact the program coordinator: **Doug Reinemann**, (608) 262-0223 or [djreinem@facstaff.wisc.edu](mailto:djreinem@facstaff.wisc.edu)

## LOCATION & LODGING

**Babcock Hall, Room 205**

University of Wisconsin-Madison Campus  
1605 Linden Drive

Optional campus parking for commuting attendees not using the Friedrich Center is available for \$7.00. If you need parking, you **MUST** purchase a permit with your registration.

Lodging is not included in the registration fee. Make your own lodging reservation directly with the **Friedrick Center** at 1950 Willow Drive by calling (608) 231-1341. Room rates are \$77/S, \$87/D. The Friedrich Center is located two blocks from Babcock Hall so it is not necessary to purchase a parking pass with your registration if you are staying at the Friedrich Center.

## AGENDA

This course will help you to identify opportunities to reduce energy use and energy costs in your dairy plant. We will review the application of best practices related to process operations and consider state-of-the-art in energy efficiency technologies available today. The course will introduce you to the new Dairy Processing Energy Best Practices Guidebook that was developed by the FOCUS on energy program.

- 8:00 AM Welcome and Introductions  
Energy Trends and Impact on the Food Processing Industry  
What Can Dairy Plants Do to Improve Energy Efficiency?  
Introducing the Dairy Processing Energy Best Practices Guidebook.  
*Douglas J. Reinemann, UW-Madison Biological Systems Engineering*
- 8:15 Energy Use in Dairy Processing and Benchmarking  
*Tom Tucker, Senior Consultant, EnVise LLC*
- 9:15 Best Practices for Industrial Refrigeration  
*Doug Reindl, UW Industrial Refrigeration Consortium*
- 10:15 Break
- 10:45 Best Practices for Dairy Processing  
*Tom Tucker, Senior Consultant, EnVise LLC*
- 12:00 PM Lunch Discussion: Where Energy Savings and Product Quality Meet  
*Dean Sommer, UW Center for Dairy Research*
- 1:15 Workshop: Examples on How to Calculate Energy Savings Potential in Your Plant  
*Assisted by All Instructors*
- 2:00 Break
- 2:30 Practical Energy Management: Implementing a Management System for Achieving Continuous Energy Efficiency Improvements in Your Plant.  
*Tim Dantoine, Focus on Energy*
- 3:30 Financial Assistance and Other Resources Available Through the Focus on Energy Program and Other Programs  
*Rich Hackner, Dairy Cluster Leader, and John Nicol, Industrial Program Manager, Focus on Energy*
- 4:00 PM Adjourn

## REGISTRATION FORM

Fill out a separate registration form (or copy) for each registrant.

NAME \_\_\_\_\_

ORGANIZATION \_\_\_\_\_

ADDRESS \_\_\_\_\_  
CIRCLE ONE: HOME -OR- BUSINESS

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

DAYTIME PHONE (\_\_\_\_\_) \_\_\_\_\_

EMAIL \_\_\_\_\_

Yes, please register me for the workshop:

- \$190 Full registration fee  
 \$7 Daily parking permit (Optional)

Enclose fee. Checks payable to UW-Madison

- Check enclosed  
 P.O. Number \_\_\_\_\_  
 Charge on the following account:  
\_\_\_\_ VISA \_\_\_\_ Mastercard Exp. Date \_\_\_\_

Card Number \_\_\_\_\_

Name on Card \_\_\_\_\_

Signature \_\_\_\_\_

Payment must be received prior to the start of the course.

Mail or fax registration form and fees to:

CALS Conference Services

620 Babcock Drive

Madison, WI 53706

Phone: (608) 263-1672 FAX: (608) 262-5088

No phone registrations please.

