

Registration Form:

Name: _____

Title: _____

Company: _____

Address: _____

City: _____

State: _____ Zip _____

Phone: _____

Fax: _____

Email: _____

Please indicate if you are a utility customer of one of the following:

Electric:

MECO

NSTAR

WMECO

Keyspan

Other: _____

Gas:

Baystate

NSTAR

Keyspan

Other: _____

Make Checks payable to UMass Amherst.

Checks accepted at the door.

**Credit Card Payments Available On-Line
Through Paypal**

Register on-line: www.maeep.org/events/motors052reg.htm

Fill out this form and mail to:

Eric Winkler

Center Energy Efficiency and Renewable Energy

University of Massachusetts- Amherst

160 Governors Drive

Amherst, MA 01003-9265

Or Fax to: 413.545.1027

About MAEEP:

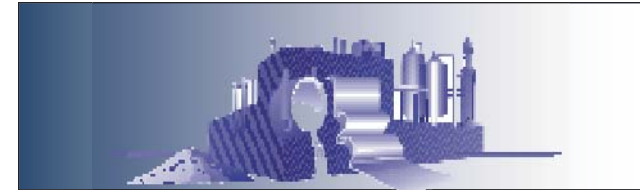
UMass Amherst and the Commonwealth of Massachusetts have established a partnership with the US Department of Energy Industrial Technologies Program Office of Energy Efficiency and Renewable Energy over the past six years. The goal of this partnership has been primarily to support deployment of energy efficient technology and tools to the industrial sector. MAEEP has expanded its goals to achieve efficiencies in institutional and commercial sectors. The Best Practices tools offered through USDOE Industrial Technologies Program have general use in many aspects of facility operation including: mechanical systems, process improvement, productivity, resource conservation and waste minimization. MAEEP resources are available to commercial, institutional and industrial sectors in Massachusetts and throughout the Northeast region.

The MAEEP Program delivers its value through a combination of stakeholder input, technology transfer, education and outreach, and research. The MAEEP program leverages resources from USDOE, the University of Massachusetts and Massachusetts Electric Utilities, NSTAR, MECO, KeySpan and WMECO, in partnership. All partners work together to identify opportunities to improve the efficient use of electricity and other fuels, improve productivity, and minimize waste in manufacturing and facility operation.

MAEEP Program Contact:

Dr. Eric Winkler
UMass Amherst
phone: 413-545-2853
email: winkler@ecs.umass.edu

Or visit on-line: www.maeep.org



Energy Efficiency Best Practices in Motor Management

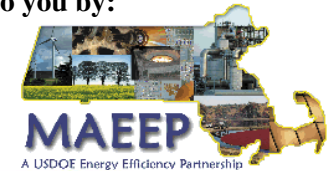
USDOE User Training in MotorMaster+ Software



Hosted by
Springfield Technical
Community College
Springfield, MA

October 25, 2005
8:00 am - 4:00 pm

Brought to you by:



U.S. Department of Energy
Energy Efficiency and Renewable Energy

Bringing you a prosperous future where energy is clean, abundant, reliable, and affordable

Program Description:

This 1-day workshop helps facility personnel gain an understanding of electric motor systems management and skills to help them manage motor systems for reduced energy cost and increased reliability. The session covers technical and policy/procedure topics related to management of motor systems. This includes evaluation and selection of the optimum motor for each application; motor tracking inventory and maintenance actions; and development/use of guidelines or specifications for motor repair and rewind. Electric power system and management of power transmission and driven loads are covered in relation to motor operation and use. This session also identifies resources, such as organizations, standards, guidebooks, and technical assistance providers, that can help plant personnel establish and manage industrial motor systems. In addition, the workshop provides an overview of DOE's MotorMaster+ (MM+) software and a demonstration of the tool's basic functions and applications.

Program Benefits:

- Select the optimum motor for specific industrial applications
- Understand the basics of using MM+ to evaluate motor purchase and repair decisions
- Understand how MM+ can be used to support other areas of motor systems management
- Establish an effective motor systems maintenance plan
- Develop guidelines for motor repair services and evaluate motor repair facilities
- Quickly locate resources for additional technical support on motor systems

Who Should Attend:

- Plant and Facility Managers
- Energy and Mechanical Engineering staff
- Operation and Maintenance staff
- Energy Professionals
- Industrial and Commercial Facilities

Agenda:

- 7:30-8:00 Registration and continental breakfast
- 8:00 Introduction
USDOE Motor Programs – Best Practices
Component vs. System Approach
Motor Systems Management
Motor Design and Construction
Motor Efficiency and Standards
Motor Selection and Application
Cause and Prevention of Motor Failures
Using Adjustable Speed Drives with Motors
- 12:00 Lunch
- 12:45 Interaction with the Electrical System
Installing it Right
Maintenance Requirements and Tracking
Repair and Rewinding
Motor Standards and Classification
Resources to Assist in Motor Management
MotorMaster+
- 4:00 Evaluation and Adjourn

Instructor:

Johnny Douglass is an Energy Systems Engineer at the Washington State University Cooperative Extension Energy Program. He has over 20 years of experience with energy audits, energy management, electrical power planning, and transportation-related energy issues.

Registration Information:

The cost of the workshop is \$45 for all Commercial or Industrial Customers of MA Utilities: WMECO, Mass Electric, and NSTAR \$75 per person for all others

Use our On-Line Registration Page with Credit Card Payment Option @ <http://www.maeep.org/events/motors052reg.htm>

*Advance registration required.
Registration deadline is October 20th
Cancellations 5 days prior to event are non-refundable.*

Directions:

Please visit the following web site for directions: <http://techpark.stcc.edu/location.html>

Sponsored by:



Supporters include the US Department of Energy, MA Division of Energy Resources, MA Office of Technical Assistance, Associated Industries of Massachusetts