

CEE Winter Program Meeting  
January 14-5, 2009  
San Francisco, CA

**Concurrent Session:**

***Pursuing Industrial Program  
Opportunities Together***



# Objectives

- Provide an overview of CEE work areas in support of industrial programs
- Highlight 2008 accomplishments and future directions
- Discuss 2009 Industrial Work Plan priorities



# CEE @ Work



- Industrial Staff – 3
- Industrial Program Committees – 4
  - Supplemental Projects - 1
- Annual Meetings
  - 2 Program Meetings (June and January),
  - 1 Industry Partners Meeting (Fall)
  - 1 Market Transformation Symposium (Spring)
- **Website** – [www.cee1.org](http://www.cee1.org)
  - Connects members with initiative materials and developments
  - Online news, newsletter, latest developments

# How Does CEE Help Members Achieve Industrial Program Goals?

1. Voluntary Specifications
2. Brands and Campaigns
3. Support for Targeted Markets
4. Forum for Program Practices
  - Energy Management and Benchmarking
5. Strategic Partnerships
6. Other

# CEE Industrial Initiatives: Current Work Areas

Work Area	Approved/ Launched	Approach
Industrial Motors and Motor Systems	1996	Equipment (1-500hp), brand, and system optimization
Motor Management	2001	Education/Awareness (in partnership with motor industry)
Municipal Water-Wastewater	2005	<b>Sector Approach</b> (raising awareness and identifying program measures & strategies)
Distribution Transformers	1998	<b>Equipment</b> (low & medium voltage, single & three phase)
Industrial Program Planning	2007	<b>Exploration</b> – program framework in development

# CEE Industrial Team

Name	Title	Phone/Email	Work Area
Toby Ast	Program Manager	617-589-3949 Ext. 226 <a href="mailto:tast@cee1.org">tast@cee1.org</a>	Water-Wastewater
Kellem Emanuele	Program Manager	617-589-3949 Ext 225 <a href="mailto:kemanuele@cee1.org">kemanuele@cee1.org</a>	Motors & Motor Systems, MDM
Ted Jones	Sector Lead	617-589-3949 Ext 230 <a href="mailto:tjones@cee1.org">tjones@cee1.org</a>	Industrial Program Planning
<i>Casey Erisman &amp; Alison Nihart</i>	<i>Program Services</i>	<i>617-589-3949 Ext 206, Ext 215 <a href="mailto:cerisman@cee1.org">cerisman@cee1.org</a> <a href="mailto:anihart@cee1.org">anihart@cee1.org</a></i>	<i>Program Support &amp; Research</i>

# Motor & Motor Systems: 2008

**Objective:** Identify and pursue new program strategies, expand delivery of motor management message

- Identified
  - enhanced performance specification (1-200 hp)
  - adjustable speed drives
  - motor management (including early retirement)
  - best practice repair
  - system optimization opportunities
- Pursued
  - draft CEE Tier 2 (1-200 hp, general purpose motors)
  - other potential new program opportunities

# Motor & Motor Systems: 2009

**Objective:** Solidify new program strategies

- Finalize CEE Tier 2 (1-200 hp) exploration
- Identify motor system opportunities for drives
- Further investigate program next-step options:
  - Motor management
  - Best practice repair
  - Other system optimization strategies

# Motor Management & MDM: 2008

## Objective: Implement Phase 3 Business Plan

- Outreach & Partnership Development
  - Facilitate collaboration among industry partners
  - Increase participation in efficiency programs
- Serve as a “Go-to” motor efficiency resource
  - EISA: Overview Webcast, resource summaries
  - Identify DOE & EPA resources
  - Motor Mgmt. Basics & MDM Tools Webcasts
  - Sponsor Spotlight calls: BC Hydro

# Motor Management & MDM: 2009

**Objectives:** Implement Phase 3 Business Plan; increase regional and local MDM delivery; identify next steps

- Regional workshops: outreach & partnership development:
  - Facilitate collaboration among partners
  - Increase participation in efficiency programs
- Go-to resource for motor efficiency information
  - EISA: Monitor developments
  - Webcasts: Motor Mgmt. Basics & MDM Tools
  - Spotlight calls: highlight Sponsor programs
- Identify Next Steps for Campaign
  - Motor System Management
  - Other Opportunities

# W/WW Projects and the Initiative

- **Objective**: Increase awareness of and demand for energy efficiency within the municipal water and wastewater sector
- ENERGY STAR Benchmarking
- ECM Framework
- RFP/RFQ Language
- MA DEP Pilot
- New Technologies



# 2009 Work Plan



- Understand member program priorities and goals for water/wastewater sector
- ENERGY STAR benchmarking to raise awareness among municipal water and wastewater managers and operators
- Develop platform for Standard energy conservation language (RFQ, RFP)
- Strengthen and coordinate efficiency program support for key industry stakeholders



# Industrial Program Planning Committee

## Accomplishments

- Took stock of industrial program approaches and needs
- Identified energy management as a new area for CEE to explore
  - Explored how member programs are supporting energy management and continuous energy improvement
  - Started to track national and international energy management developments (e.g., ISO 50001, and the Plant Energy Efficiency Certification Program).
  - Reviewed ASME energy assessment standards for pumps, compressed air, steam and process heating systems
- Explored program implications of DOE's Save Energy Now program and Super Boiler project

# Industrial Program Planning Committee

## 2009 Priorities

- Continue to keep members informed of national and international activities related to energy management
- Continue to define energy management as a program opportunity
  - highlighting member program experience,
  - identifying specific energy management program components, and
  - cataloging supporting resources, such as the ASME energy assessment standards.
  - Draft a set of program guidelines on energy management
- Continue to coordinate member industrial programs with relevant DOE and EPA programs
- Introduce a new member industrial forum, “All Things Industrial”

# Proposed Direction of Industrial Initiatives in 2009

- Build on 2008 work area impacts and strategies
- Identify opportunities to enhance communication and coordination among industrial program administrators
  - “Ask the Experts” Webinars
  - “All Things Industrial” Forums
  - Coordination of DOE Industrial Plant Assessments
  - Enhanced CEE website – member Extranet
  - What else??

# How do the two industrial program portfolios align?

## CEE Member

- Goals/Metrics
- Challenges
- Future Direction
- Future Opportunities

## CEE Industrial Initiatives

- Motors and Motor Systems
- Motor Management
- Municipal Water-Wastewater
- Distribution Transformers
- Industrial Program Planning

# Program Opportunities

- What are the biggest challenges you face in reaching your industrial program goals?
- Where do you see the bulk of industrial sector savings coming from in the future?
- How might efficiency programs work together to accelerate energy savings in this area in the future?