

The Metropolitan Energy Policy Coalition Presents

“Tracking and Managing Energy Use Within Your Facilities”

When: Wednesday, June 2, 2010
7:30 a.m. -12:30 p.m.

Where: Minnesota Counties
Intergovernmental Trust (MCIT)
100 Empire Drive, St. Paul

The Metropolitan Energy Policy Coalition (MEPC) provides a forum for member counties and members from the Metropolitan Council to address energy policy issues that impact local governments. The MEPC Board is comprised of two county commissioners from Anoka, Dakota, Hennepin, Ramsey, Scott, Sherburne and Washington counties and two council members from the Metropolitan Council.

This workshop is targeted at MEPC member county and Met Council facility managers, property building managers, building managers and staff entities that want an opportunity to learn more about:

- Current energy tracking and building automation challenges and best practices within MEPC entities;
- How these tools can be used most effectively in decision-making (i.e. budgeting, capital planning, asset management, etc.);
- Once energy data is entered and outputs are received from using the B3 database, how can that information best be utilized by local governments?
- What technology might be coming in the future that people should know about before vendors come and try and sell a specific product? How can buyers best respond to sales pitches from vendors about specific products?
- Identify future opportunities for coordination and collaboration.

Visit us online at www.mepc-mn.org.



Reserve Your Place Today!

Name: _____

Title: _____

County/Organization: _____

E-mail: _____

Phone: _____



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Workshop Agenda

**7:30 – 8:00 a.m. REGISTRATION, MEET & GREET
OVER LIGHT BREAKFAST**

8:00 – 8:10 a.m. WELCOME & INTRODUCTION

**8:10 – 9:40 a.m. TRACKING YOUR ENTITY’S
ENERGY USE**

Tom McDougal from the Weidt Group will discuss:

- Why should an entity track energy? (in general, but also beyond the Excel spreadsheet that some counties are using); and
- Background and introduction to the B3 system, emphasizing that it’s a free system, utilizes the state energy code, weatherization specific to the state, and additional building use space types, and a snapshot of the charts and graphs the system provides to building managers.

Stephen Todd from Egan Companies will discuss:

- An overview of energy tracking systems in addition to B3 (energy star, energy cap, others) and the main components and differences of each technology;
- How to utilize the information in general from these systems, but also use information beyond statistical benchmarking in decision-making such as for budgeting, capital planning, or asset management;
- Examples of specific buildings or entities using these systems; and
- Examples of tracking energy use and also energy costs.

(Continued)

A discussion session will address the following questions:

- What systems MEPC entities are currently using and assessing the relative strengths and weaknesses of each system
- What information do attendees still need to learn about to be able to effectively utilize the B3 system?
- How are attendees managing (or planning to manage) the initial and ongoing staffing pressures associated with implementing an energy tracking system?

9:40 – 9:55 a.m.

BREAK

9:55 – 11:00 a.m.

**REAL-TIME MANAGEMENT OF ENERGY
WITHIN YOUR ENTITY’S FACILITIES**

Paul Ehrlich from Buildings Intelligence Group will discuss:

Amongst the many challenges faced by facility managers is the need to achieve new levels of energy efficiency while still providing a safe, comfortable and productive environment for occupants. This is a difficult task at best given limited budgets and resources! One answer is to make better use of current or planned Building Automation Systems (BAS). This session will cover the fundamentals of how to optimize your current systems, and to utilize open standards for the deployment of new or upgraded systems. The session will cover:

- System architecture overview
- Key energy saving applications
- Case studies on improving existing building operations
- How to transition to open and internet enabled systems
- Impact of new technologies including Smart Grid

A discussion session will address the following questions:

- What systems MEPC entities are currently using and assessing the relative strengths and weaknesses of each system
- Outlining strategies for dealing with vendors that are attempting to sell a particular system. How should entities evaluate various proposals/technology? Is it easier to have only one system within a jurisdiction or are there benefits of having multiple vendors, and how can these issue be addressed when using competitive bidding procedures?

11:30 a.m. – 12:30 p.m. NETWORKING LUNCH

- How can the MEPC further assist attendees with energy tracking or building automation in the future?
- For what other topics should the MEPC offer workshops or training opportunities that would benefit to attendees?

12:30 p.m.

CONCLUDING REMARKS