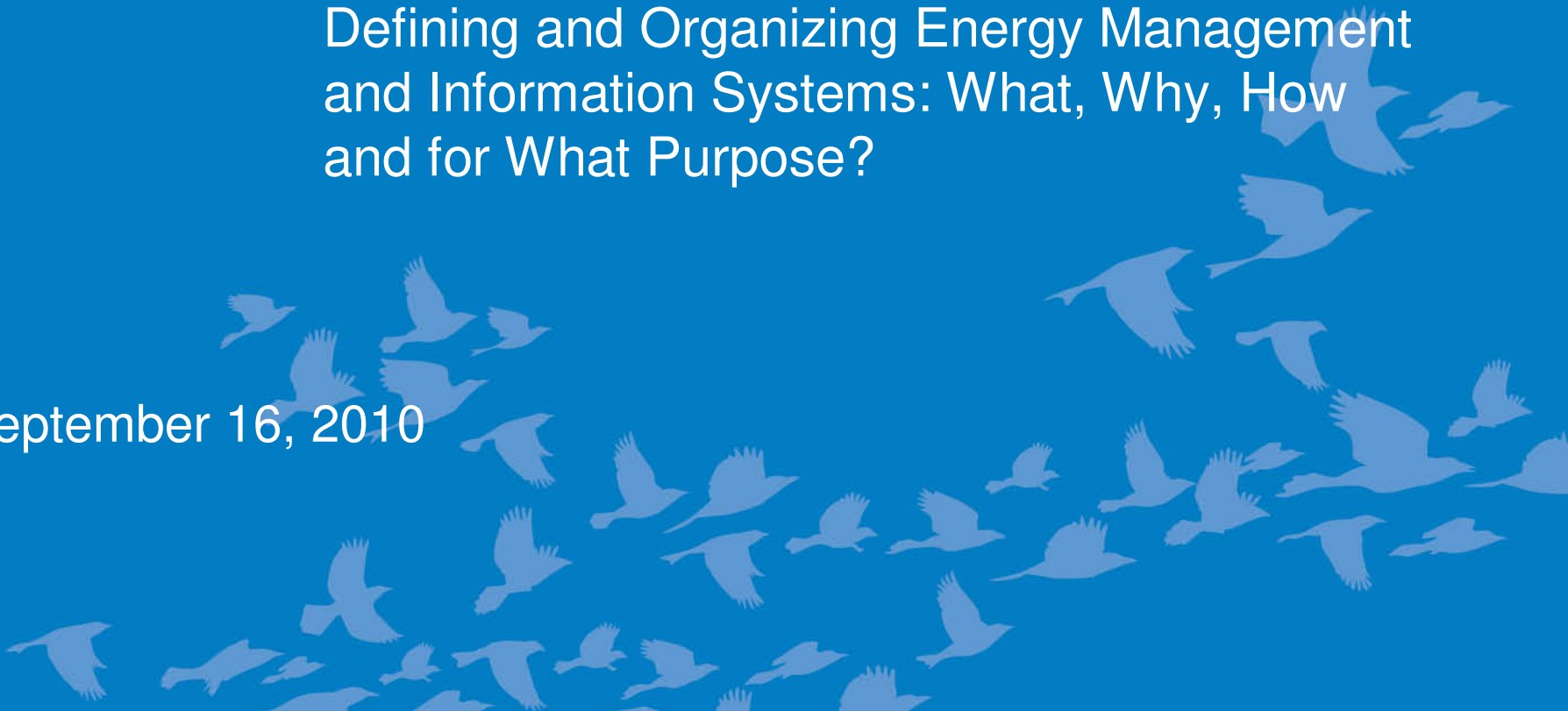




Commercial Whole Building Performance Committee

Defining and Organizing Energy Management and Information Systems: What, Why, How and for What Purpose?

September 16, 2010



Today's Agenda

- ▶ Welcome, Introductions, and Background
- ▶ Presentation: Overview of Energy Management and Information Systems
- ▶ Group Work: Building a Consensus Based EMIS Framework and Lexicon
- ▶ *Break*
- ▶ Panel Presentations, Response
- ▶ Discussion: Prioritizing Collaboration Opportunities

Ground Rules

- ▶ All perspectives valid and valued
- ▶ Building on ongoing committee work
- ▶ Active use of parking lot
- ▶ Interactive
- ▶ No such thing as a dumb question
- ▶ Follow CEE committee conduct guidelines

Background – CEE Whole Building Performance Exploration

- ▶ Overall Goal: *To develop the bi-national infrastructure to encourage and enable effective implementation of whole-building commercial energy-efficiency programs*
- ▶ Active CEE Whole Building Performance Committee
 - ~ 60 U.S. and Canadian program administrator organizations participate
- ▶ 2010 Objective:
 - How can energy management and information systems create more impactful and effective commercial energy efficiency programs?

Background – CEE Whole Building Performance Exploration



Common Questions

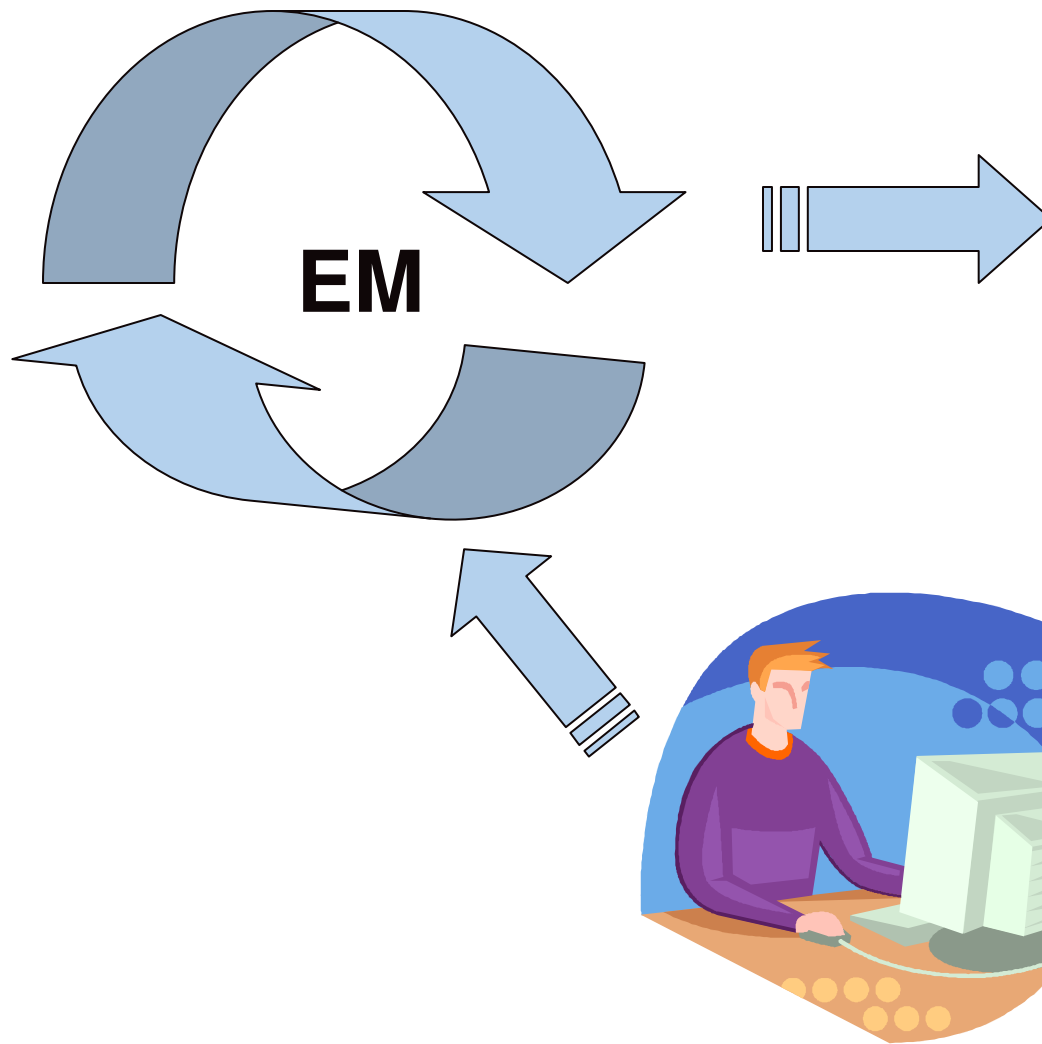
- What are energy information and management systems?
- Who offers them?
- What value do they offer for different customers, applications?
- What value do they offer for program administrators?

Background – CEE Whole Building Performance Exploration



- ▶ Common Terms, Lexicon
 - Working definitions
- ▶ Organizing Framework
 - Basis to differentiate offerings
- ▶ Link system types to program approach enabled
 - Program design, objectives, outputs
- ▶ Unique CEE role?

A Bi-national Platform for Energy Management?



Standard Report

Necessary information outputs

- **Baseline?**
- **% savings over baseline?**

Today's Objectives

- ▶ To build consensus around a basis to communicate about and organize energy information and management systems
- ▶ To learn about emerging program approaches that integrate energy management and information systems and identify their value for business customers and program administrators
- ▶ To inform and prioritize areas where definition, standardization or other efforts are required to achieve more impactful programs

Presenter

- ▶ Hannah Friedman, PECl, supporting the California Public Interest Energy Research program