



## **COLORADO ASSOCIATION OF SCHOOL DISTRICT ENERGY MANAGERS**

### **MEETING LOCATION – ST VRAIN VALLEY SCHOOL DISTRICT**

#### **March 29, 2007 MINUTES**

Chuck Finleon, Chairman of CASDEM, called the meeting to order at 9:00 A.M.

Introductions were made and members and guests were given a sign-in sheet to confirm their contact information and attendance.

The minutes for the November 2, 2006, meeting were handed out and reviewed. A motion was made, seconded, and a vote was taken to approve the minutes.

The agenda for this meeting was discussed.

#### Open Discussion:

The vacancy for the CASDEM Vice Chairman position was discussed and it was decided to wait until the CASDEM meeting in May 2007 to nominate/appoint a new Vice Chairman.

There was discussion on irrigation control strategies in various districts that included timing for turning on systems, leak detection, and some things to look for on billing to prevent overcharges.

There was a group discussion on what school districts are doing to take advantage of Energy Efficiency Rebates within their regions. There are a number of programs available from XCEL Energy, Platte River Power Authority, and other utility providers that some of us may not be aware of. All districts should check with their utility companies before starting projects/retrofits to determine if some of the costs can be offset by incentives being offered by utility companies

Lou Severino of Xcel Energy provided an update on the energy efficiency rebates that they offer and also provided information on natural gas and electric cost increases that may be coming in the near future.

Peter D'Antonio from the Governor's Energy Office provided an update on current and upcoming programs and resources that are available through their office, one of which being the Monthly Energy Management Training. The information below includes an update on the Energy Management Training:

### **OEMC Energy Management Training Schedule**

Month	Date/Time	Topic	Speaker(s)
1	9/21/2006 10:00-11:30	The Business of Energy Management	Tom MacDonnell ( Jeffco) Jim Faes (Jeffco) Jim Carter (Lewis Palmer)
2	10/19/06 10:00-11:30	Raising Energy Awareness and Involvement in Energy Management	Marian Nall (Falcon) Eric Anderson (Co. Springs)
3	11/30/06 10:00-11:30	Utility Tracking/Bill Analysis	John Avina (Abraxas Energy Consulting) Stu Reeve (Poudre) Jim Faes (Jeffco) Tom MacDonnell ( Jeffco)
4	1/11/07 10:00-11:30	Energy Action & Implementation – Low/No Cost	Bill Chambers (Douglas County) Sam Crispin (Adams 12)
5	2/8/07 10:00-11:30	Preventative Maintenance as a means to reduce cost	Pete Hall (CSPMA) Gary Bergard (Honeywell Bldg. Solutions)
6	3/8/07 10:00-11:30	Control Strategies for Energy Efficient Buildings	Greg Bradshaw (Engineering Economics, Inc.)
7	4/12/07 10:00-11:30	Developing Key Performance Indicators to Measure Sustainable Operations in Existing Buildings	Maureen Roskoski (Facility Engineering Associates) Gordon Dowrey (Facility Engineering Associates)
8	5/10/2007 10:00-11:30	TBD	TBD
9	TBD	TBD	TBD

Personnel who are interested in participating in the training or being a speaker for one or more of the sessions should contact Peter D' Antonio as soon as possible. Specific information regarding the Energy Management Training and other services and resources offered by the Governor's Energy Office is also available at [www .colorado.gov/rebuildco](http://www.colorado.gov/rebuildco)

Pam Packer from the Colorado Energy Science Center and Holly Dugan from Adams 12 Five Star School District provided some background information on a program that they are developing to teach students and staff on the cultures of energy conservation. They will be providing more detailed information pertaining to this program at the next CASDEM meeting in May.

Over lunch, a discussion took place on cooling strategies and controls that included preventive maintenance, preparations for AC start-up, set points, and new technologies in the area of wireless thermostats for modular buildings.

The next CASDEM meeting is scheduled for May 17, 2007, and will be hosted by Aurora Public Schools, 15751 East 1<sup>st</sup> Avenue, Aurora, CO. The meeting agenda will be distributed and posted on CASDEM website as soon as it is available.

Possible topics for the upcoming CASDEM meeting may include the following:

- CASDEM Vice Chairman nominations/appointment
- More on the Educational Energy Conservation Program being developed by the Colorado Energy Science Center and Adams 12 School District
- Discussions on the International Energy Conservation Code 2006
- Lighting/Ballast Efficiency Factors
- Network thermostats for modulars
- Possible improvements to the CASDEM Website
- CASDEM involvement with CASBO
- Possibility/need for holding a CASDEM meeting in July 2007

The meeting was adjourned at 1::00 p.m.

Minutes submitted by Chuck Finleon, CASDEM Chairman, for review and approval at next CASDEM Meeting on May 17, 2007.

In attendance:

Sam Crispin, Adams 12 Five Star Schools

Holly Dugan, Adams 12 Five Star Schools

Jim Faes, Jefferson County Public Schools

Stu Reeve, Poudre School District

Chuck Finleon, St. Vrain Valley Schools

Steve Burt, St. Vrain Valley Schools

Tim Bacon, Aurora Public Schools

Lou Severino, Xcel Energy

Pam Packer, Colorado Energy Science Center

Peter D'Antonio, Governor's Office of Energy Management & Conservation