

June 25, 2008 – CAP AG meeting, Boulder Public Library

Members present: CAP team, Ann Livingston, Ron Shaw, Amy Ellsworth, Mo Tabrizi, Gwen Farnsworth, Sheila Horton, Steve Mudd, Henry Mueller, Paul Norton, Brian O'Neill, Françoise Poinatte, Dan Powers

Members absent: Blake Jones, Howard Geller, Jim Wilson, Carole Tombari, Kai Abelkis, Blake Jones, Pam Milmoie, Craig Eicher, Jeff Fiedler

Sarah introduced interns Spruce and Rhotodi, and provided these updates:

- No CAP tax adjustment at this time – may not be on agenda for 2008. We submitted a study session summary and another one next week that reviews council's questions and concerns. In August we'll have an agenda item where we'll describe our thinking on the CAP tax and why we don't think it's appropriate to go forward with a rate adjustment at this time, given all new offerings at local and state levels, as well as some unknowns such as Xcel's 2009 DSM program offerings.
- We'll report back on program status soon and will use it to inform how we might adjust programs ongoing.
- We're also working with the Transportation division of the city to discuss shared stakeholder initiatives and discuss feasibility of moving forward on ideas such as community Ecopass or passes for lower income neighborhoods.
- RECO workplan. City council asked staff to work on analysis and public process for a RECO or something similar. We're working on a scope and workplan and in the short term a team of consultants will evaluate the best way to structure one to leverage the incentives and rebates available and provide lowest cost and lowest impact to homeowners. October is a target date we could present details to CAP-AG.
- Green building codes schedule. Mid-August timeline to present recommendations to Council via a Council WIP item. Commercial short term code goal is later this fall. COB may wait until international code law changes are put into place before making final decisions.
- SmartGrid is a topic folks would like to have an update on.
- Update on upcoming single stream program in city of Boulder.

Presentation: Mo Tabrizi

- Key drivers for campus:
 - square footage
 - dollars spent (research money brought to campus)
 - research dollars granted
 - campus population
 - heating and cooling degree days

- CU is largest user of potable water in city of Boulder – they lowered that dramatically with irrigation changes (used grey water) and major labs converted potable water used for dissipation of heat was replaced with chilled water that's recycled and not new. 25 million gallons of water saved with just that measure.
- Electricity usage per square foot down to 13.02 kWh.
- Chilled water usage from Cogen: expanding usage to more buildings
- Steam usage: heating degree days is going up. Recommissioning, insulation, other measure have helped create the decrease in steam generation
- Intensity of Energy demand
- Laboratories present the greatest opportunity for conservation. Water, electricity, steam, chilled water. Their grant and focus precludes them from being as flexible as they might be to collaborate with Mo's team for reducing energy use.
- New cogeneration plant being built. They are building into the decision-making process carbon and energy use...21 green features in a list that a stakeholder will review. Ideas range from fuel cell to ice storage.

Mo's top three goals are:

- Get to 20% GHG reductions by 2012 (on way to carbon neutrality)
- LEED Gold Plus
- Focus on new cogeneration plant

Need to amp up conservation budget and efforts. Currently they're about 3% per year and needs to be doubled. Until now, they've harvested low hanging fruit and now it will need to be stepped up. They've funded conservation based on 5-year payback (per project) and better, and will continue to do so (that's a budget criteria).

Presentation: Kevin and Drew (ClimateSmart at Work Program and Commercial Recognition/Programs)

Drew presented the new *ClimateSmart at Work* programs. We wanted to offer training to employees of '9 to 5' office buildings, where lighting and computer use were continuous. Smart Fleets, Commute Trip Reduction, Facility and Employee Energy Use, PACE. A presentation is being created by Kevin and Drew that will be used in these onsite presentations. Sheila mentioned a local HR Managers group that might be a good resource for outreach. Henry suggests a Wind Power sheet in the green folder.

Suggestions were: prompts, metrics on the sheets to inform how behavior change will make a difference. Stick approach re: reducing AC in retail businesses? (Kevin explained Rhotodi's intern project this summer).

Kevin presented the **10forChange** project for commercial businesses. Goal is networking aspect for businesses where they have regular meetings, to offer presentations while they're gathered, and they can share their stories. Lots of committee members had questions and inputs on potential barriers and how the details will work.

Kevin explained the free LED exit sign replacement program. So far, 60 of 100 have been claimed.

Brian expressed an interest in a new policy to require utility rooms be sealed, to cut off the drafts from the holes into the wall.

Sheila mentions daylight savings time. Said the school districts are considering it as is Congress.

The group votes to leave the monthly meetings on the schedule but that if CAP team doesn't have meaty issues to discuss in a given month, we will cancel.