Welcome, Introductions, and Announcements

Don Frey called the meeting to order at 9:00 a.m. Attendees introduced themselves.

Don Frey announced the 2013 National Conference on Building Commissioning (NCBC) would be held on May 6-8, 2013 in Denver, CO. More information can be found at www.bcxa.org/ncbc.

Mr. Frey welcomed four new Advisory Council Members and asked them to introduce themselves. New members were:

- Mangesh Basarkar, PG&E
- Leo Carrillo, PG&E (not present at meeting)
- Matt Berbee, California Institute of Technology
- Charles Fletcher, EMCOR Service / Mesa Energy Systems
LADWP’s RCx Express Program Overview
Armen Saiyan, Program Manager, Los Angeles Department of Water & Power (LADWP)

Armen Saiyan presented on the LADWP “RCx Express Program” and provided program details. The program offers rebates for installing 13 RCx measures (the 13 measures covered by the BOA savings calculation tool). Incentives of $0.08 per kWh and $1 per therm are provided. Gas incentives are offered under an MOU signed between LADWP and SoCal Gas.

University of California, Irvine Retrocommissioning and Energy Monitoring Strategy
Matt Gudorf, Campus Energy Manager, University of California, Irvine

Matt Gudorf presented the results of the retrocommissioning project at University of California Irvine which includes detailed energy and airflow monitoring. Mr. Gudorf presented details on the installed monitoring, some of the measures installed, and financial analysis of project costs and benefits.

Group Discussion: Total Cost of Ownership after RCx
Don Frey, LightLouver, LLC

Mr. Frey noted that the Advisory Council members were asked for discussion topics for today’s meeting. Matt Berbee sent this topic suggestion and presented it to the group. The group then discussed how O&M costs are affected after RCx is performed. In general it was noted that while there may be some cases where maintenance or energy costs increase based on RCx measures, when looked at on a project-wide basis there should be overall cost savings and non-energy benefits. However, there is a lack of data on the non-energy benefits and overall savings.

Commercial Building RCx – Lessons Learned
Robert Austin, Eaton Energy Solutions

Robert Austin presented on the lessons Eaton Energy Solutions has learned through their participation as an RCx Provider on the SCE RCx program. Mr. Austin discussed some specific projects and also talked generally about program design features. Mr. Austin’s presentation was given specifically from the perspective of a program RCx Provider, and provided insights into program features that were working well and also features that could be improved.

PG&E Core Retrocommissioning – Lessons Learned & Updates
Mangesh Basarkar, PG&E

Mangesh Basarkar shared with the group some of the results of the 2010-2012 PG&E RCx program and explained the plans for the upcoming 2013-2014 transition period. Mr. Basarkar indicated that program cost-effectiveness in the 2010-2012 program cycle was improved, and that adjustments are being considered for the transition period that will further improve cost effectiveness. Mr. Basarkar also described the “Whole Building Pilot” that is planned for the transition period.

Group Discussion: Commissioning Practices during a Retrofit
Don Frey, LightLouver, LLC

Mr. Frey noted that this was another topic discussion suggested by an AC member. Charles Fletcher explained the discussion topic to the group. This discussion was about what the scope of commissioning activities should be after major components are retrofit. Attendees discussed how building owners often assume that new equipment will operate optimally and won’t consider commissioning necessary. Commissioning may be required for any new piece of equipment and also for related systems to ensure that the new equipment has not adversely affected other subsystems.

Wrap up
The public portion of the meeting ended at 2:00 p.m. The group was told that the 2013 meeting dates would be shared soon. The Board and Advisory Council members began a closed meeting. The meeting adjourned at 3:00 p.m.