Welcome, Introductions, and Announcements

Don Frey called the meeting to order at 9:30. Attendees introduced themselves and gave brief announcements.

Kirstin Pinit announced a public review period for the Open Automated Demand Response Communication Standards. More information was emailed to the CCC mailing list, and is available online at [http://drrc.lbl.gov/openadr/](http://drrc.lbl.gov/openadr/).

CEC/PIER Tech Innovations Research Program Proposal

CCC is developing a proposal for commissioning-related research, pending release of the RFP (expected this month). Potential topics include policies and standards, retrocommissioning verification methods, persistence, tool development, training and education, market research.

A review committee will provide feedback on topics and scopes to assist CCC staff in developing the proposal. Anyone interested in participating on that committee should email info@cacx.org.

As part of the proposal effort, the CCC will issue an RFQ to update and expand the Collaborative’s list of qualified partner firms. The RFQ will be released the week of June 16.

PG&E Chiller Project Case Study

Ken Gillespie of PG&E gave a presentation on a chiller case study.

Building Owners and Managers Association (BOMA) of California

Bill Roberts of Economic Sciences Corporation and Alfred “Tod” McKelvy of Berding & Weil, LLP, gave a presentation regarding activities of BOMA California related to energy and green buildings. Discussion included questions and ideas around training building owners and operators on commissioning, and other ways CCC and BOMA can work together.
Commissioning Data Centers
Richard Greco of California Data Center Design Group gave a presentation on commissioning data centers.

Energy Charting and Metrics (ECAM) Tool Demo
Bill Koran of QuEST demonstrated the ECAM tool developed by PECI in 2007. This MS Excel-based tool for energy charting and metrics is intended to facilitate the examination of energy information from buildings, reducing the time spent analyzing trend and utility meter data.

Energy Efficiency in Commercial Food Service
Don Fisher of the PG&E Food Service Technology Center gave a presentation on the lab’s research activities related to energy efficiency in food service.

NCBC Town Hall Report
Kirstin Pinit summarized the results of the “Town Hall” sponsored by the CCC that was held at NCBC in April. The session was an opportunity for commissioning industry stakeholders to discuss the challenges and opportunities facing the industry, and to develop vision statements for the industry for the next 10 years. The themes that emerged during the discussion include standardization, persistence, training for Cx providers, and market outreach. A white paper is being developed to summarize the Town Hall and is expected to be available by the end of June.

Wrap-Up
Future agenda topics were discussed:
- Verification methods for retrocommissioning, including results of program EM&V and status of guideline development
- Role of technician in commissioning process

Several announcements were made by attendees:
- Norm Bourassa congratulated AEC on receiving awards for Best Software and Best of Show at the recent Lightfair International conference. AEC’s Sensor Placement and Orientation Tool (SPOT) won for best software project and best overall product during this annual conference.

Don Frey thanked PG&E for hosting the meeting and noted that the next meeting will be hosted by SMACNA and Sempra Utilities, and held at SMACNA’s Joint Apprenticeship Training Center on Thursday, August 28, in City of Industry.

The Meeting adjourned at 3:00.