



California Commissioning Collaborative Advisory Council Meeting Minutes

December 2, 2010

Energy Resource Center, Downey, CA

9:30 a.m. – 3:00 p.m.

Attendees

Advisory Council

John Beck, EMC Engineers/Eaton
Tav Commins, CEC
Erik Emblem, 3E International Incorporated
Don Frey, LightLouver
Ed Jerome, EnerNOC
David Jump, QuEST
Michael Lo, Southern California Edison
Tony Pierce, Facility Dynamics
Shane Schroeder, Target
Reinhard Seidl, Taylor Engineering
Josaphine Tichel, PG&E

Board of Directors

Bruce Baccei, SMUD (for Jim Parks)
Southard Jones, PG&E
Chuck Poindexter, San Diego Gas & Electric
Glenda Towns, SoCal Gas

CCC Staff

Phil Welker, California Commissioning Collaborative (Executive Director)
Kirstin Pinit, California Commissioning Collaborative
Eliot Crowe, California Commissioning Collaborative

Guests

Raad Bashar, SoCal Gas
Matt Bucur, San Diego Gas & Electric
Rachel Christenson, Enovity
Mel Johnson, Southern California Edison
Jonathan Lien, Southern California Edison
Howard Sacks, Department of General Services

Welcome, Introductions, and Announcements

Don Frey called the meeting to order at 9:30 a.m. and welcomed three new Advisory Council members:

- Josaphine Tichel, PG&E
- Erik Emblem, 3E International, Inc.
- John Beck, EMC Engineers/Eaton

Attendees introduced themselves.

Kirstin Pinit provided updates on CCC projects and recent activities:

- CCC is on [LinkedIn](#). Members are encouraged to join this group and help build a new avenue for sharing information and networking with industry peers. For more information go to: [link to LinkedIn]
- Attendees will receive a post-meeting survey to gather feedback from the day and ideas for future meetings.
- The Building Optimization Analysis (BOA) Tool is available on the CCC website at [insert link]
- Revised Provider certification information is posted in the CCC website at [insert link]
- CALGreen Cx Guide is available on BSC website at www.bsc.ca.gov/CALGreen

Mr. Frey introduced the purpose and background of the meeting. CCC staff worked with utility program managers to identify key issues and develop the meeting agenda with the goal of providing recommendations to support the utilities' planning process for the next program cycle. Each discussion

topic consisted of a brief presentation, group discussion, and a summary of key thoughts and recommendations.

Driving Demand for EBCx

Don Frey, LightLouver

Mr. Frey presented the context, key factors and challenges around driving demand for EBCx. He then led a group discussion to determine what recommendations should be included in the CCC's report.

Application of Monitoring Systems within EBCx Programs

Eliot Crowe, CCC; Rachel Christenson, Enovity; Don Frey, LightLouver

Mr. Crowe and Ms. Christensen presented the context, key factors and challenges around applying monitoring systems to EBCx programs. Mr. Frey then led a group discussion to determine what recommendations should be included in the CCC's report.

EBCx Program Approaches for Small Commercial Sector

Mel Johnson, Southern California Edison; Don Frey, LightLouver

Mr. Johnson presented the context, key factors and challenges around small commercial EBCx program approaches. Mr. Frey then led a group discussion to determine what recommendations should be included in the CCC's report.

EBCx for Industrial / Agricultural

Josa Tuchel, PG&E; Don Frey, LightLouver

Ms. Tuchel presented the context, key factors and challenges around industrial and agricultural EBCx. Mr. Frey then led a group discussion to determine what recommendations should be included in the CCC's report.

Wrap Up

Recommendations from this meeting will be compiled into a report to present to the California utilities:

- CCC staff will develop a draft report by December 31 and distribute to Advisory Council members
- Advisory Council member comments due by mid-January
- Final report complete by end of January

Mr. Frey announced the CCC meeting schedule for 2011:

- March 24, hosted by SMUD
- June 9, hosted by SCE
- September 8, hosted by PG&E
- December 8, hosted by SDG&E

The meeting adjourned at 3:00 p.m.