

CABA Intelligent & Integrated Buildings Council (IIBC)
Draft Meeting Minutes
Thursday, November 29, 2012
12:00-1:40 PM ET
Conference Call

Present:

Elizabeth Jacobs - Siemens Industry, Inc. (IIBC Chair)
Laurie Actman – EEB Hub (Energy Efficient Buildings Hub)
Scot Adams - Cadillac Fairview Corporation
Cordell Burton - Pella Corporation
Michael Carter - AMX Corporation
Brian Casey - Honeywell International, Inc.
Tony Disipio - Continental Automated Buildings Association
Frederick Dougherty - Liberty Property Trust
Gina Elliott - Smart Buildings
Tony Giroti – Bridge Energy Group
George Grimes - Continental Automated Buildings Association
David Katz - Sustainable Resources Management Inc.
Harry Kohal - Eagle Technology, Inc.
Kyle McNamara - Verizon
Stephen Nardi - RealView, LLC
Rick Nortier - Siemens Industry, Inc.
Chris Pyke - U.S. Green Building Council
Darlene Pope - CoR Advisors
Steve Selkowitz - Lawrence Berkeley National Laboratory
Dana "Deke" Smith - National Institute of Building Sciences (NIBS)
Casey Talon - IDC Energy Insights
Jeremy Towler - BSRIA Limited
Allen Weidman - STEP Foundation / InfoComm International
Cindy Woudenberg – Capital Review Group
Ronald Zimmer - Continental Automated Buildings Association

1. Welcome, Introductions, Review Past Minutes – Ron Zimmer

A role call was requested by Ron Zimmer and everyone introduced themselves and the organization they were representing. Ron passed along regrets from Ken Gallinger, CABA Marketing Director, and John Hall, CABA Research Director, who could not attend due to illnesses. The meeting minutes from the August 14, 2012 meeting that were previously distributed were approved.

Motion: Moved by: David Katz; Seconded by: Darlene Pope

“That the August 14, 2012 IIBC minutes be approved.”

CARRIED

2. Research Update

In the absence of John Hall, CABA Research Director, Ron Zimmer updated the Council on the progress of the IIBC “Intelligent Buildings and the Bid Specification Process” Landmark Research project. Ron thanked all the project sponsors, including: Automated Logic/Lenel/UTC/Carrier, BACnet International, Cadillac Fairview Corporation, Diebold, Incorporated, Distech Controls, Inc., Honeywell International, Hydro One Networks Inc., Ingersoll Rand /Trane / Schlage, Johnson Controls, Ontario Power Authority, Overhead Doors Corporation, Philips, Siemens Industry, Inc., Smardt Chiller Group Inc., Telecommunications Industry Association (TIA) and Verizon. Ron also acknowledged the good work of Konkana Khaund’s team at Frost & Sullivan, who was the research supplier. The report is near completion and CABA members will be able to download the Executive Summary from CABA’s Member Library - <http://www.caba.org/research-publications/information-series>. Ron added that there is still time to sponsor this report at the \$5K Diamond level before it goes into a four (4) month embargo period. At the upcoming IIBC meeting at AHR Expo, there will be a presentation of the “Intelligent Buildings and the Bid Specification Process” Research project.

Liz Jacobs, IIBC Chair, commented on the importance of IIBC involvement and activity as it promotes cross-industry feedback. Other sponsors, such as Brian Casey commented on the value of this research.

3. IIBC White Papers Sub-Committee Update – Kyle McNamara (Verizon)

Liz Jacobs and Kyle McNamara, Chair of the IIBC White Papers Sub-Committee, gave the background and an update on the White Papers Sub-Committee

3.1 Commercial energy management using cloud technology - Casey Talon, IDC Energy Insights

Kyle McNamara introduced Casey Talon, from IDC Energy Insights, who provided an update on the “Commercial Energy Management Using Cloud Technology” research effort. Casey mentioned that a draft working document is in near completion and will be distributed to all IIBC members. Liz Jacobs praised Casey’s efforts and referred to her as a “pioneer” in developing the first CABA White Paper. Ron Zimmer indicated that the white papers will be shared and publicized by CABA. Ron also encouraged Casey to present her research findings at the upcoming IIBC meeting at AHR Expo.

David Katz expressed an interest in connecting Casey to other industry stakeholders to further develop this research initiative.

3.2 ROI Analysis to quantify benefits of implementing fully converged technology in building automation, security and IT infrastructure.

3.3 Impact of wireless on equipment (HVAC, security, life-safety, lighting, etc.) in building automation layer.

CABA is looking for groups to lead these two projects and mentioned that interested parties can contact Liz Jacobs, Kyle McNamara or John Hall (Hall@CABA.org). David Katz proposed using graduate students whose knowledge base is presumably more current than industry stakeholders. Liz Jacobs concluded that a meeting should be held with John Hall and Kyle McNamara in order to develop a strategy to contact the Universities that may have graduate students that could assist in this effort.

3.4 Upcoming CABA Membership Survey: white papers feedback/suggestions – Ron Zimmer on behalf of John Hall CABA

Ron Zimmer reminded the IIBC of the CABA membership survey that was recently distributed to all CABA members. He stressed the importance of IIBC feedback to determine new White Papers and the next Landmark Research project. The top two (2) Landmark Research proposals will be presented to the IIBC for a decision. Ron also mentioned that the CABA Connected Home Council White Papers Sub-Committee had implemented a new policy. CABA members don't have to wait – they can recommend on a regular basis any White Paper topics that the White Paper Sub-Committee should consider completing. It was agreed that the IIBC should adopt the same policy.

4. Industry Developments:

4.1 Energy Incentives for the Intelligent Buildings Sector – Cindy Woudenberg on behalf of Marky Moore, President, Capital Review Group

Cindy Woudenberg gave an overview of Section 179D which the Energy Policy Act of 2005, that was created by the George Bush Administration in 2005. Section 179D allows for a tax deduction for commercial building energy efficiency. In order to qualify for a tax deduction under section 179D, a commercial building must meet certain qualification for its lighting, and HVAC systems. Also, these buildings require third party certification and Cindy added that the Capital Review Group can provide this certification. The tax deductions have been extended to public buildings where the building designer or engineer can qualify. While the official closing date for this tax deduction is December 31, 2013, Cindy said that section 179D was being reviewed by the Senate and it's

rumoured to extend beyond 2013. To date, a total of \$60 million has been used out of the \$120 million that was allocated to this effort.

Ron encouraged the Capital Review Group to work with CABA on the development of a white paper related to energy incentives. Liz Jacobs requested that the Capital Review Group deliver a presentation on this incentive program at the upcoming IIBC meeting at AHR Expo. Ron also suggested that Cindy should meet with John Hall and Kyle McNamara in order to bring this concept forward to the White Paper Sub-Committee.

More information can be found at the following links:

Capital Review Group: www.capitalreviewgroup.com
www.energy.gov - Department of Energy
www.energystar.gov – Variety of discussions on residential & commercial
www.epa.gov/greenbuilding – Discussions on sustainability
www.irs.gov – Tax info: Notice 2006-52/N2008-40/IRB2008-14
www.dsireusa.org – All state and federal incentives
www.ashrae.org – Standards and incentives
www.aceee.org – American Council for an Energy Efficient Economy
www.energytaxincentives.org – Tax Incentives Assistance Project (TIAP)
www.usgbc.org – LEED and sustainability
www.greenbuildings.com – Principally residential

4.2 Advanced Energy Retrofit Fund – Laurie Actman, Deputy Director, Energy Efficient Buildings Hub (EEB Hub)

The Energy Efficient Buildings Hub (also known as the EEB Hub and formerly known as the Greater Philadelphia Innovation Cluster) is currently seeking new partnerships in Southwest New Jersey and Philadelphia and is creating request for interest (RFIs) proposals for a building retrofit project. The new model for the building retrofit project would only require a letter of support from the building owner in order to qualify interest.

The EEB Hub is forecasting 10-20 building retrofit projects for next year and Laurie encourages all IIBC members to distribute the RFI to any interested industry stakeholder. The EEB Hub website is: <http://www.eebhub.org/>.

Ron Zimmer encouraged anyone who wanted further details to contact Laurie at lactman@enr.psu.edu. Ron also indicated that the new EEB Hub funding was promoted in the CABA NewsBrief (<http://www.caba.org/newsbrief>).

4.3 Facility for Low Energy Experiments in Buildings – Steve Selkowitz, Building Technology and Urban Systems Department, Lawrence Berkeley National Laboratory (LBNL)

Steve Selkowitz, Lawrence Berkeley National Laboratory, provided an overview of their Flexlab Buildings Technology Program which included: underlying philosophy; process and future objectives. The Flexlab program monitors and compares energy consumption in a functioning and controlled office environment. The building environment is controlled throughout and the experiment compares energy consumption of automated space versus manual space. Steve encouraged IIBC members and industry stakeholders to contact him at SESelkowitz@lbl.gov if they are interested in creating additional test bed experiments. Steve also suggested that CABA could look at the test bed experiments as a future IIBC Landmark research project. Ron agreed that such a research endeavor could be an ideal fit for CABA and suggested that Steve deliver a presentation at the upcoming IIBC meeting at AHR Expo. The PowerPoint presentation about this new facility has been added to the IIBC section of the CABA website: <http://www.caba.org/iibc>.

5. Report on Active Projects:

5.1 USGBC Update on LEED Changes – Lisa Stanley, Vice President, Product Management, USGBC

Liz Jacobs provided an update on behalf of Lisa Stanley. She encouraged anyone interested in changes to LEED Certification to visit the US Green Building Council website at <https://new.usgbc.org/leed>.

Steve Selkowitz reported that there were two announcements at Greenbuild including the development of a dynamic building sign that would have the building score move up/down and it would be controlled from the USGBC Headquarters. They are also developing a new USGBC web portal with more information for industry stakeholders.

Ron Zimmer added that Google has recently committed \$3 million to USGBC research and that CABA and the USGBC should form a collaborative research effort. He has spoken to Chris Pyke and a meeting will be scheduled with members of the USGBC and John Hall, CABA's Research Director.

5.2 Task Force on Education and Training - Jim Sinopoli/Gina Elliott

Harry Kohal, Eagle Technology, Inc., received a grant to create courses on building automation. He requested that CABA communicate this information to the technical schools and institutions that are CABA members or CABA's industry contacts. Ron agreed and said CABA would contact Milwaukee College for more information.

Gina Elliott, Smart Buildings, thanked CABA for the good work in creating and maintaining the Education & Training section of the CABA website (<http://www.caba.org/education-and-training>). Gina added that after many years of service Jim Sinopoli (Smart Buildings) and she will be stepping off the Task Force on Education & Training as Chair and Co-Chair and are seeking volunteers to replace them. Ron acknowledged the good work of Gina, Jim and Jake Jackson of Assurity Design Group and is pleased that Gina and Jim will remain active on CABA's IIBC. Ron also explained that the CABA Board of Directors recently proposed a CABA By-law amendment to increase the CABA Board from 22 to 25 members. This expansion should include an educational institution with hopes that the new Board representative will Chair the Task Force on Education & Training.

6. Next IIBC Meeting – Face-to-face meeting at ASHRAE/AHR Expo, Dallas, TX, January 29, 2013: <http://www.ahrexpo.com/>.

Ron spoke on behalf of CABA's Marketing Director, Ken Gallinger, and mentioned that CABA is still seeking sponsors for the upcoming IIBC meeting and reception at the AHR Expo. Depending on the amount of sponsors, a breakfast meeting could be arranged. George Grimes, CABA's Business Development Manager thanked CABA Board member, Jeff Hamilton and his team at Ingersoll Rand for becoming the first sponsor of the upcoming IIBC meeting and reception.

7. New Business

7.1 BiQ Tool Update

David Katz thanked Ron Zimmer and CABA for their long-standing support of the BiQ Tool and mentioned that the BiQ Tool v2.0 would soon be available to CABA members.

8. The IIBC meeting adjourned at 1:40 PM ET.

###