



**CABA Connected Home Council (CHC)  
Draft Meeting Minutes**

Tuesday, November 26, 2019  
12 NOON – 1:30 PM (ET) via Webinar

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**CHC Executive:**

CHC Chair - Alarm.com, Roy Perry  
CHC Vice-Chair - ABB Inc., Obiorah Ike  
CHC Vice-Chair - TELUS, Danny Sran

**Present:**

ABB, Inc., Obiorah Ike  
Acuity Brands, Inc., Jeff Spencer  
Alarm.com, Inc., Roy Perry  
American Honda Motor Co., Inc., Michael Koenig  
ArcoLogix LLC, Leila Anne Breene  
Baker Electric Home Energy, Joseph Carangelo  
BC Hydro, Tim Mosley  
Bedrock Learning, Inc., Helen Heneveld  
BELIMO Automation AG, Dennis Johannesen  
CEDIA, Walt Zerbe  
CLEAResult, Madeline Caldwell  
Consortium for Energy Efficiency (CEE), Kim Katz  
Consortium for Energy Efficiency (CEE), Patrick Casper  
CSA Group, Laura Elan  
CSA Group, Parag Phalak  
Daikin Applied Americas Inc., Jared Swanson  
Delos Living LLC, Rich Bira  
Direct Energy, Jim Steffes  
Droplit, Inc., David Warner  
E Source, Essie Snell  
Ecovena, Trevor Boicey  
Ei Electronics US, Inc., Barry Donahoe  
Enolgas USA Inc., Vittorio Bonomi  
ERG Energy Efficiency, Michael Dabbene  
Frost & Sullivan, Maurice Okawaki

FUJITSU Limited, Robert Selby  
GridPlex Networks, LLC, Lawrence Silverman  
HiberSense, Inc., Bob Fields  
Honeywell International Inc., Sathiah Nanjappa  
Horizon Technologies Inc., Ludo Bertsch  
Jasco Products Company, David Aguilar  
JLL, Michelle Dandeneau  
Ken Wacks Associates, Kenneth Wacks  
Lawrence Berkeley National Laboratory (LBNL), Leo Rainer  
McMaster University, Mark Bomberg  
National Electrical Manufacturers Association (NEMA), Suzanne Alfano  
Natural Resources Canada (NRCan), Meli Stylianou  
Nortek Security & Control LLC, Bret Jacob  
Origen FM Services Inc., Wayne Collins  
PointCentral, Jamey King  
Resideo Technologies, Inc., David Kaufman  
Serviceworks Group, Mark Thomas  
Siemens Industry, Inc., Paul Jaworski  
SnapAV, Eric Harper  
Smartec Business Solutions Inc, Alex Sayegh  
Sustainable Resources Management Inc., David Katz  
Telecommunications Industry Association (TIA), Marta Soncodi  
TELUS, Danny Sran  
UL LLC, Adam Lilien  
University of Illinois-Urbana-Champaign, Harshal Mahajan

1. **Agenda** - Greg Walker (CABA)

Greg Walker (CABA) thanked everyone for attending, outlined the agenda and alerted everyone that the meeting was being recorded and will be made available to the industry.

2. **Call to Order, Welcome and Introduction, about the CHC** - Roy Perry (Alarm.com)

CHC Chair Roy Perry (Alarm.com) welcomed everyone and introduced: CHC Vice-Chair Obiorah Ike (ABB Inc.), CHC Vice-Chair Danny Sran (TELUS), CHC White Paper Sub-Committee Chair Ken Wacks (Ken Wacks Associates) and Keynote Speaker Michael Koenig (Honda). Roy Perry (Alarm.com) also outlined the role of the CHC.

3. **Administrative** - Roy Perry (Alarm.com)

### 3.1 Motion to approve Past CHC Minutes

Roy Perry (Alarm.com) informed everyone that the meeting minutes from the September 10, 2019 CHC meeting were circulated and were posted on the CABA website in the CHC section: [CLICK HERE](#). In addition, the CHC terms of reference, members and recorded presentations are also found [HERE](#).

Motion to approve the September 10, 2019 CHC minutes was moved by David Katz (Sustainable Resources Management Inc.) and the motion was seconded by Ken Wacks (Ken Wacks Associates). Unopposed motion carried.

#### 4. **Keynote Presentation “Holistic Sustainability and Energy Management: Through the Lens of the Honda Smart Home” (30 min) –** Greg Walker (CABA), Michael Koenig (Honda)



**Michael Koenig**  
American Honda Motor Co., Inc  
Project Leader, Honda Smart Home U.S.



Abstract: This presentation discussed the concept of the “Honda Smart Home US” and its HEMS (Home Energy Management System). [CLICK HERE](#) for more information.

Greg Walker (CABA) introduced Michael Koenig (Honda) and outlined his experience. Michael gave a 30 minute presentation on “Holistic Sustainability and Energy Management: Through the Lens of the Honda Smart Home”. [CLICK HERE](#) to access the recorded presentation and PowerPoint slides.

### 5. **Research Update**

#### 5.1 “Smart Home as a Service” 2019 CHC Landmark Research - Obiorah Ike (ABB, Inc)

  
**CABA**  
**Smart Home as a Service**  
 LANDMARK RESEARCH PROJECT



Obiorah Ike (ABB, Inc) gave a brief overview of this 2019 CHC Landmark Research Project, “Smart Home as a Service”. CABA and the CHC are still actively seeking funders for this research. Only the funders will receive the full \$150,000 of research. To receive this research and become a funder, please contact Greg Walker (CABA) at [walker@caba.org](mailto:walker@caba.org). [CLICK HERE](#) for the full research prospectus and webinar recording explaining the project.

Nineteen (19) CABA members have already joined this research project:

SILVER



BRONZE



**5.2 2020 CHC Landmark Research Topic? – Greg Walker (CABA)**

Greg Walker (CABA) made a call for new connected home research topics for the upcoming 2020 CHC Landmark Research. A short list of topics will be created and sent to the CABA Board of Directors to make the final selection.

The topic will be selected by the end of 2019. The Request for Proposal (RFP) will go out the last week of December 2019 or the first week of January 2020, allowing three (3) weeks to respond. The CHC were instructed to contact Greg Walker (CABA) at [walker@caba.org](mailto:walker@caba.org) with their recommendations by December 6, 2019.

## **6. White Paper Sub-Committee Update - Ken Wacks (Ken Wacks Associates)**

An overview was given of the CHC White Paper review process, completed CHC White Papers and papers in progress. CHC White Papers are secondary literature review articles that are approximately 10-20 pages in length. These papers are written and distributed free of charge to inform the industry. In order for the papers to be approved by the CHC White Paper Sub-Committee (WPSC), they must have significant technical material of relevance to CHC members – it must not contain marketing material or promote an agenda. Any CABA member can and is encouraged to bring forward a one (1) paragraph White Paper proposal to the WPSC. If needed, CABA will secure a writer and/or a working group for the paper. All completed and approved CHC White Papers are placed in the CABA Public Library, Members Library, CABA NewsBrief, CABA Twitter Feed, CABA LinkedIn Group and promoted at industry events. To view the CHC White Paper terms of reference, previous CHC White Papers and additional information, please go to: [www.caba.org/chc](http://www.caba.org/chc). All completed CABA White Papers, and those under development, can be found at: [www.caba.org/whitepapers](http://www.caba.org/whitepapers).

If you or someone that you know would like to join one (1) or more of the following White Paper Working Groups or recommend a new White Paper, please contact Greg Walker (CABA) at [walker@caba.org](mailto:walker@caba.org)

### **CHC White Paper Sub-Committee (WPSC)**

Ken Wacks Associates, Ken Wacks (Chair)

Consultant, Brittany Hack

Frost & Sullivan, Konkana Khaund

Harbor Research, Inc., Alex Glaser

Ken Wacks Associates, Ken Wacks

LumenCache, Inc., Derek Cowburn

National Research Council Canada (NRC), Heather Knudsen

#### **6.1 Recently Completed: None**

#### **6.2 In Progress**

**“Power over Ethernet (PoE) & Digital Electricity (DE) in Commercial and Multiple Dwelling Residential Buildings”**

Ken Wacks (Ken Wacks Associates) gave an overview of this paper.  
Somfy Systems, Inc. (Chair)  
Axis Lighting  
Contemporary Controls Systems, Inc.  
Ken Wacks Associates  
LumenCache, Inc.  
National Electrical Manufacturers Association (NEMA)  
National Electrical Manufacturers Association (NEMA)  
National Research Council Canada (NRC)  
Public Services and Procurement Canada  
Renesas Electronics America Inc.  
Southwire Company, LLC  
Telecommunications Industry Association (TIA)  
UL LLC

**“Non-Energy Benefits of Lighting and its Smart Controls”**

Ken Wacks (Ken Wacks Associates) gave an overview of this paper.  
Human Centric Lighting Society (Chair)  
ArcoLogix LLC  
Control4  
Ken Wacks Associates  
National Electrical Manufacturers Association  
Syska Hennessy  
UL LLC

**“The Evolution of Integrating LiFi Technology into Smart Lighting and Control Systems for the Intelligent Building”**

Ken Wacks (Ken Wacks Associates) gave an overview of this paper.  
Wharton County Junior College (Chair)  
Acuity Brands, Inc.  
ArcoLogix LLC  
Control4  
Ken Wacks Associates  
National Electrical Manufacturers Association  
Telecommunications Industry Association (TIA)

**“The Ethics of AI and the IoT Connected Home and Intelligent Buildings”**

Ken Wacks (Ken Wacks Associates) gave an overview of this paper.  
ArcoLogix LLC (Chair)  
Enbridge Gas Inc.  
George Brown College  
Hydro One Networks Inc.  
Ken Wacks Associates  
Site 1001, Inc.  
Sustainable Resources Management Inc.  
Syska Hennessy Group, Inc.

Telecommunications Industry Association (TIA)  
University of Toronto

**7. New Business** - Roy Perry (Alarm.com)

**7.1 New Business** - Roy Perry (Alarm.com)

Roy Perry (Alarm.com) made a call for new business such as: future CHC Guest/Keynote presentation topics and speakers, new CHC White Papers, new research projects and meeting ideas, etc. He also indicated that the next CHC meeting will be held late January or early February 2020, with details to be forwarded in the near future.

**8. Announcements** - Greg Walker (CABA)

Greg Walker (CABA) gave an overview of past and current industry events in the connected home space.

**8.1 Past Events:**

- [CEDIA Expo, Sept 10-14, Denver, CO](#)
- [Greenbuild, Nov 19-20, Atlanta, GA](#)
- [Smart Home Summit, Nov 19-20, San Francisco, CA](#)

**8.2 Upcoming Events:**

- [CABA AGM, Dec 5, via Webinar](#)
- [CES International 2020, Jan 7-10, Las Vegas, NV](#)
- [The NAHB International Builders' Show \(IBS\), Jan 21-23, Las Vegas, NV](#)
- [The Kitchen & Bath Industry Show \(KBIS\), Jan 21-23, Las Vegas, NV](#)

**9. Adjournment** (1:30 PM ET) - Roy Perry (Alarm.com)

[Next CHC Meeting, late January / early February](#)

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CABA CHC meetings are open to CABA Members and invited guests, and everyone is encouraged to participate. [CLICK HERE](#) for more info on the CHC, past minutes, participants and terms of reference. Any CABA Member that attended as a guest will be added to the CHC, unless they notify the CABA office by December 20, 2019 that their name should not be added. Non-CABA members that attended this meeting as a guest, should contact Greg Walker, CABA Research Director, to indicate if they wish to join the CHC or CABA. [CLICK HERE](#) for more information on the 24 CABA Benefits.

Regards,

Greg Walker  
CABA Research Director  
Continental Automated Buildings Association (CABA)  
Email: [walker@caba.org](mailto:walker@caba.org)  
Phone: 613.686.1814 x227  
Website: <http://www.caba.org>

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