



**CEESP Goal 2: HVAC Energy Savings & DEER Committee
Teleconference Summary Notes
Tuesday, June 21, 2016 from 12:00pm – 1:00pm PDT**

Call to Order

The scheduled 60-minute meeting was called to order at 12:03 PDT by Rick Danks, Chair of the HVAC Energy Savings and DEER Committee and a representative of ASHRAE.

Roll Call

WHPA Staff announced those on the call and further confirmed attendance of the following 14 members and guests through participation reporting tools.

P = Present at meeting A = Absent from meeting; if proxy has been assigned it will be noted below. This Committee acts by consensus. Those eligible for official consensus voting (WHPA registration received and approved, plus participation at a meeting prior to the vote meeting) are grouped together. Only one representative of a member organization may cast an official consensus vote.				
Members (Voting Eligible)				
Aire Rite AC & Refrigeration	Don	Langston	Contractor (Nonresidential)	P (joined at 12:15pm)
ASHRAE	Richard (Rick)	Danks	Engineering Society	P (Chair)
BuildingMetrics Inc.	Pete	Jacobs	Energy Efficiency Program Consultant	P
CLEARresult	Michael	Blazey	Energy Efficiency Program Consultant	P
CLEARresult	Phil	Jordan	Energy Efficiency Program Consultant	P
Daikin Applied	Henry (Skip)	Ernst	HVAC Manufacturer	P
SMUD (Sacramento Municipal Utility District)	Bruce	Baccei	Public Owned Utility	P
SMUD (Sacramento Municipal Utility District)	Ravi	Patel	Public Owned Utility	P
Members (Voting Eligible Pending Meeting Attendance)				
Big Ass Solutions	Don	Dodd	HVAC Manufacturer	P
Daikin U.S. Corporation	Charlie	McCrudden	HVAC Manufacturer	P
Energy Solutions	Jim	Hanna	Energy Efficiency Program Consultant	P
PG&E (Pacific Gas and Electric Company)	Swapna	Nigalye	California IOU	P
Williams Comfort	Ruth Ann	Davis	HVAC Manufacturer	P
WHPA Staff				
InfoPlast/WHPA Staff Support	Wendy	Worrell	Other Stakeholder	P (scribe)

*** Organization is Not a Member of the WHPA; + Individual is NOT Registered with the WHPA; ^(P) after last name = Member/Registrant is Pending Approval from the WHPA Executive Committee*

AGENDA

The following Agenda was distributed prior to the meeting:

1. **Roll Call** – WHPA Staff (Wendy Worrell) – 5 min
2. **Chair’s Welcome and Introduction** – Chair (Rick Danks, ASHRAE) – 5 min
3. **Committee Focuses** – Chair (Rick Danks, ASHRAE) – 45 min
 - a. Current Course of Action
 - b. Draft 2016 Implementation Plan Vetting
 - SMART Goal #1: Launch Committee
 - SMART Goal #2: Develop Cost Effectiveness Definition Matrix
 - SMART Goal #3: Provide Input into Pathways to Implementation for EBEE Sub-Strategy 1.5.2
 - SMART Goal #4: Develop and Host Educational Webinar on Baselines
 - SMART Goal #5: Develop White Paper on Stakeholder Perceived Impacts of AB802 Administrative Judge Baseline Decision
4. **Committee Next Steps** – Chair (Rick Danks, ASHRAE) – 5 min
 - a. Recurring Schedule Preference
 - b. Next Meeting Agenda Focuses
5. **Adjournment** by 1:00pm PDT – Chair (Rick Danks, ASHRAE)



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Chair's Welcome and Introduction

The Chair introduced himself and welcomed everyone to the meeting call. The Chair is semi-retired and spent time with NASA, in the “facilities world”, and in construction management, design, and building. He has been active with ASHRAE and Construction Institute committees. He “is not a California person” but is in the process of gathering knowledge base for the State’s activities and focuses.

Committee Focuses

The Chair provided an overview of the Committee’s current course of action and also presented the Committee’s drafted 2016 Implementation Plan, which clarifies the priority goals and milestones for the remainder of the 2016 year.

In reply to Chair inquiry, WHPA Staff clarified that there is information on AB802 on the WHPA website and that work is also in process to determine where collaborative effort opportunities lie within WHPA.

ACTION: WHPA Staff to distribute AB802 reference information to the Committee roster for knowledge base.

COURSE OF ACTION

The Chair reported that the Committee has a number of deliverables to complete within the next 4 to 6 months, will be more action oriented than the Committee was in the past, and will be more focused on Cost Effectiveness and Energy Savings than on DEER this year.

DRAFT 2016 IMPLEMENTATION PLAN VETTING

The Chair overviewed the Committee’s SMART Goals and acknowledged that we have had a late start this year.

SMART Goal #1: Launch Committee

The Chair reported that he spent time with WHPA Staff, both Ellen Steiner and Wendy Worrell, to gain knowledge base and be prepared for the Committee relaunch. He overviewed the 8 milestone items for this goal.

The Chair is still contemplating how to handle the currently large roster. While he likes the expressed interest, he is not comfortable with such a large voting panel. He asked for any input on the best way to proceed for items requiring votes from those who have more tenure than him on the Committee.

The Chair would like to see the Goals completed in parallel rather than consecutively.

There were no additional comments on this goal.

SMART Goal #2: Develop Cost Effectiveness Definition Matrix

The Chair reported that this goal is focused on developing a matrix detailing the meanings to each market actor (constituencies) and the factors affecting understanding of cost effectiveness. The work is expected to be done in summer and mid-fall. From prior experience, the Chair understands that the Committee’s change in course may show itself in the expectation for the Committee to produce deliverables this year.

SMART Goal #3: Provide Input into Pathways to Implementation for EBEE Sub-Strategy 1.5.2

The Chair clarified that this is a consulting role focused on Cost Effectiveness, which also has some basis in AB802.

WHPA Staff added that the deliverable is in the form of discussion input and meeting notes rather than in the development of a separate work product, although the Cost Effectiveness Definition Matrix work from SMART Goal #2 above will also help feed into SMART Goal #3 for the WHPA Existing Buildings Energy Efficiency Action Plan Committee’s (EBEE) work on Sub-Strategy 1.5.2.



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- **Sub-Strategy 1.5.2:** “Review BES for Cost-Effectiveness: Confirm that BES requirements are cost-effective when applied to existing buildings using careful review, industry engagement, and BES modifications where needed.”

ACTION: WHPA Staff to distribute EBEE Sub-Strategy 1.5.2 reference information to the Committee roster for knowledge base.

ACTION: WHPA Staff to determine who on the ES&DEER Committee may already be invited to the in-person July 19th WHPA EBEE & Stakeholder Charrette for better collaboration per Chair request.

In response to Pete Jacobs’ (BuildingMetrics) inquiry, WHPA Staff clarified that “BES” stands for “Building Efficiency Standards”.

WHPA Staff clarified that the CEC has been working in a close collaborative and advisory capacity with the WHPA Existing Buildings Energy Efficiency Action Plan Committee (EBEE) Chaired by Barbara Hernesman and Liz Yager in determining which CEC’s EBEE Action Plan Sub-Strategies to focus on with a particular mindset toward the 2019 Code cycle. The WHPA HVAC Energy Savings and DEER Committee has been asked to provide input to Sub-Strategy 1.5.2. Additional WHPA Committees, including the Compliance Committee and the WE&T Committee, are also collaborating with the WHPA EBEE Committee for the other four (4) Sub-Strategy focuses prioritized for this year:

- **Sub-Strategy 1.5.1:** “Improve Clarity and Ease of Use: Develop approaches to simplify implementation of BES for existing buildings by unifying definitions with industry practice, by clarifying code requirements, and through the use of expert systems or other navigation tools.”
- **Sub-Strategy 1.5.3:** “Training and Communication: Enhance communication, education, and interactions with Local Governments to facilitate compliance and enforcement with Standards.”
- **Sub-Strategy 1.5.5:** “Understand the compliance shortfall: Work with Local Governments (LG), manufacturers, and contractors to determine compliance gap and understand the role of permitting, and the needs of buildings departments.”
- **Sub-Strategy 3.3.1:** “Priority sectors, systems, and workforce categories: Using expert panels, set priorities for the building segments most likely to scale up soon for efficiency adoption, and identify which building systems and trades need the most improvement.”

SMART Goal #4: Develop and Host Educational Webinar on Baselines

The Chair overviewed the necessary milestone steps to achieve the Baseline Webinar goal and asked for the Committee to give thought to appropriate speakers for the referenced webinar.

ACTION: The Chair accepted Pete Jacobs’ (BuildingMetrics) offer to be involved in the baseline webinar goal.

SMART Goal #5: Develop White Paper on Stakeholder Perceived Impacts of AB802 Administrative Judge Baseline Decision

The Chair views this as a particularly important goal and overviewed the milestone steps involved in completion of the white paper deliverable.

In response to the Chair’s comment about determining who will actually write the white paper, WHPA Staff clarified that she can put a request in for fellow WHPA Staffer Paul Kylo (CLEAResult) to assist with drafting the white paper based on Committee generated content if desired.

VOTE: The Chair asked for a motion to accept the Implementation Plan “as is”. Don Langston (ACCA) so motioned with a second from Jim Hanna (Energy Solutions). There was no further discussion. The motion passed with a consensus aye vote of those present on the meeting call. There were no nays or abstention votes cast.

Jim Hanna (Energy Solutions) noted that there is a fast track to looking at the proposed changes to DEER in the 2017 and 2018 scoping plan and asked if it is a topic of interest to the Committee.



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The Chair felt that our current list of goals is “pretty full”. He wants to ensure we have more knowledge before proceeding on anything else.

ACTION: Jim Hanna (Energy Solutions) to send WHPA Staff communications related to the DEER 2017 and DEER 2018 Scoping Plan.

Committee Next Steps

The Chair reported that the Committee has 9 additional meetings allocated between now and the end of 2016. He asked if meeting that many times between now and the end of October is feasible. There was no objection expressed by those in attendance.

ACTION: The Chair and WHPA Staff to develop a pro-forma schedule for Committee review.

ACTION: WHPA Staff to send meeting notification for the next meeting (expected in July after the 4th) which will focus on review work feedback, particularly for EBEE Sub-Strategy 1.5.2, the cost effectiveness definition knowledge base, and the baselines webinar, etc.

The Chair noted that future meetings will be more specific than general in the work performed.

ACTION: Committee members to notify WHPA Staff of any SMART Goals they wish to focus on directly.

ACTION: WHPA Staff to distribute the June 21st draft notes to the roster for review along with needed reference documents for future meetings.

The Chair adjourned the meeting at 12:43 p.m. PDT.

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Outstanding Action Items and Key Decisions (from ABOVE and Prior Meetings)

ACTION: WHPA Staff to distribute AB802 reference information to the Committee roster for knowledge base. *(DONE: The following information available on the WHPA website’s Regulatory Policy page was sent to the roster:*

<u>Legislative Bill</u>	<u>Bill Synopsis</u>	<u>Posted on Webpage</u>
Assembly Bill 802	This bill addresses energy uses benchmarking and methods of claimed savings. <ul style="list-style-type: none">▪ WHPA email - CPUC Seeks Party Comments On SW and 3P Programs - sent May 2016▪ WHPA Summary of AB-802 - updated May 2016▪ CPUC ruling on Baseline White Paper calling for public comment on issue questions and complete White Paper - comment deadline May 17, 2016▪ Baseline Policy Framework - Workshop on Energy Efficiency Baselines▪ AB-802 Energy Efficiency - General Information - click tabs to view text, bullets, history, bill analysis, etc.▪ View AB-802▪ 09/10/15 - Senate Floor Bill Analysis	Updated May 2016 October 2015

ACTION: WHPA Staff to distribute EBEE Sub-Strategy 1.5.2 reference information to the Committee roster for knowledge base. *(DONE: The following links available on the WHPA EBEE Committee page were sent to the roster:*

- [WHPA EBEE Committee Sub-Strategy 1.5.2 Worksheet](#)
- [WHPA Existing Buildings Energy Efficiency \(EBEE\) Action Plan Committee Webpage](#)
- [CEC’s Existing Buildings Energy Efficiency Action Plan - Full Document](#)
- [CEC’s EBEE Action Plan Chapter 3 - Strategies](#)



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ACTION: WHPA Staff to determine who on the ES&DEER Committee may already be invited to the in-person July 19th WHPA EBEE & Stakeholder Charrette for better collaboration per Chair request. (DONE)

ACTION: The Chair accepted Pete Jacobs' (BuildingMetrics) offer to be involved in the baseline webinar goal.

VOTE: The Chair asked for a motion to accept the Implementation Plan "as is". Don Langston (ACCA) so motioned with a second from Jim Hanna (Energy Solutions). There was no further discussion. The motion passed with a consensus aye vote of those present on the meeting call. There were no nays or abstention votes cast.

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