



# WHPA Existing Buildings Energy Efficiency Action Plan Committee (EBEE) Update

July 13, 2016



WESTERN HVAC  
PERFORMANCE  
ALLIANCE



## Topics

- ▶ CEC EBEE Action Plan Sub-Strategy Worksheets
  - Sub-Strategy Concentrations thru the HVAC Lens
  - Current Status
  - Worksheet Components
- ▶ July 19<sup>th</sup> In-Person WHPA EBEE & Stakeholder Charrette
  - Purpose
  - General Details
  - Output Next Steps
- ▶ WHPA Executive Committee Input Request
- ▶ Questions / Comments



## CEC EBEE Action Plan Sub-Strategy Worksheets

- ▶ Viewed thru HVAC Lens with 2019 Code in mind
  - What is needed tomorrow and not just today?
- ▶ Sub-Strategy Concentrations
  - 1.5.1 Improve Clarity and Ease of Use
  - 1.5.2 Review BEES for Cost-Effectiveness
  - 1.5.3 Training and Communication (LG)
  - 1.5.5 Understand the Compliance Shortfall
  - 3.3.1 Priority Sectors, Systems and Workforce Categories
- ▶ Pending WHPA EBEE Committee email vote to use as WHPA EBEE & Stakeholder In-Person Charrette base documents



# ◀ CEC EBEE Action Plan Sub-Strategy Worksheets

- ▶ Key Worksheet Components
  - Sub-Strategy Definition
  - Principles
  - Recommended Actions
- ▶ Quick Glance
  - *See Sub-Strategy Worksheet 7-12-16 Final Drafts*



# WHPA EBEE & Stakeholder Charrette

## ▶ Purpose

- To produce feasible, preferred “Pathways to Implementation” plan outlines for EBEE–AP Sub–Strategies 1.5.1, 1.5.2, 1.5.3, 1.5.5, & 3.3.1
  - What are the interrelated building blocks?

## ▶ General Details

- One day, in–person, invitation only meeting
- July 19<sup>th</sup>: 8am–5pm, CEC Rosenfeld Hearing Room A
- Both large group and breakout session work
- Participants
  - WHPA EBEE–EWG Members, CEC, CPUC, IOUs, Other Stakeholders
  - *See WHPA Stakeholder Charrette RSVPs as of 7–12–16*



# WHPA EBEE & Stakeholder Charrette

## ▶ General Details (continued)

### ◦ Meeting Leadership

- Primary Facilitators: Liz Yager & Barbara Hernesman (EBEE Co-Chairs), Jeanne Duvall (EC Co-Chair)
- WHPA Staff Support/Meeting Scribe: Wendy Worrell
- CEC Advisors: Martha Brook, Tom Trimberger, & David Ismailyan
- Sub-Strategy Breakout Groups:
  - Leaders: EWG Members
    - Sub-Strategy 1.5.1: Dennis Quinn (Joule Assets)
    - Sub-Strategy 1.5.2: Tim Mann (Indio Cooling and Heating Supply)
    - Sub-Strategy 1.5.3: Kate Leyden (Valley Contractors Exchange)
    - Sub-Strategy 1.5.5: Susan Davison (CalCERTS)
    - Sub-Strategy 3.3.1: Pepper Hunziker (Tre'Laine)
  - Co-Leaders (Assignments Pending)
  - Scribes: IOU Guests (Assignments Pending)



# WHPA EBEE & Stakeholder Charrette

## ► Agenda

Note: Breaks will be provided as needed throughout the day!

Time (PDT)	Item	Hosts/Facilitators
8:00am – 8:45am	Registration and Networking	Wendy Worrell, WHPA Staff
8:45am – 9:00am	Introduction, Meeting Purpose, Agenda Review	Liz Yager and Barbara Hernesman, WHPA EBEE Co-Chairs
9:00am – 9:30am	Historical Sub-Strategy Focus Development Overview	Wendy Worrell, WHPA Staff & Jeanne Duvall, WHPA EC Co-Chair
9:30am – 10:00am	Introducing the Pathways to Implementation Development Process <ul style="list-style-type: none"> <li>• Logistics and Breakout Assignment</li> <li>• CEC Expectations</li> </ul>	Wendy Worrell, WHPA Staff & Martha Brook, CEC Advisor
10:00am – 10:15am	Break	
10:15am – Noon	Breakout Sessions: Prioritizing Recommended Actions and Drafting A, B, C Suggested Pathways to Implementation Per Assigned Sub-Strategy	Assigned EWG Leaders & IOU Scribes Per Sub-Strategy Focus
Noon – 1:00pm	Lunch	On Own
1:00pm – 2:30pm	Breakout Sessions: Flushing Out the A, B, C Suggested Pathways to Implementation Per Assigned Sub-Strategy and Preparation to Discuss Other Sub-Strategy Interrelations	Assigned EWG Leaders & IOU Scribes Per Sub-Strategy Focus
2:30pm – 2:45pm	Break	
2:45pm – 4:30pm	Review of Breakout Session Outputs <ul style="list-style-type: none"> <li>• Sub-Strategy Leader Briefs on Breakout Group Findings</li> <li>• Full Group Examination of Sub-Strategy Interrelations</li> </ul>	Liz Yager, WHPA Co-Chair
4:30pm – 5:00pm	Meeting Summary and Next Steps	Liz Yager, WHPA Co-Chair & Martha Brook, CEC Advisor
Adjournment		



# WHPA EBEE & Stakeholder Charrette

## ▶ Output Next Steps

### ◦ Develop narrative Sub-Strategy roadmaps via ....

#### ■ WHPA Collaborative Efforts

- Sub-Strategies 1.5.1 & 1.5.5
  - WHPA Compliance Committee discussion and notes input, HVAC Compliance Definition Matrix work, White Paper work on possible solutions to EBEE WP1 identified gaps and barriers
- Sub-Strategy 1.5.2
  - WHPA HVAC Energy Savings & DEER Committee discussion and notes input & Cost Effectiveness Definition Matrix work
- Sub-Strategies 1.5.3 & 3.3.1
  - WHPA Workforce Education & Training Committee discussion and notes input, plus relevant past and present work products

#### ■ WHPA EBEE Exploratory Working Group Networks

- Vet Charrette outputs through subject matter expert networks to clarify “how this would really work”





## ◀ WHPA EBEE Committee Update

- ▶ WHPA Executive Committee members are encouraged to send specific input on Sub-Strategy Worksheet content and/or applicable resource information to WHPA Staff (Wendy Worrell) at [wendy@performancealliance.org](mailto:wendy@performancealliance.org).

***NOTE:*** *WHPA involvement is for providing valuable HVAC industry feedback rather than as those enacting policy or handling the final planning stages of the Action Plan.*



# ◀ WHPA EBEE Committee Update

- ▶ Questions / Comments



## For More Information, Contact ...

- ▶ WHPA EBEE Committee Co-Chairs
  - Barbara Hernesman (SynergyNexGen)
  - [Barbara@synergynexgen.com](mailto:Barbara@synergynexgen.com)
  - 530-265-2013
  
  - Liz Yager (County of Sonoma – PACE)
  - [Liz.Yager@Sonoma-county.org](mailto:Liz.Yager@Sonoma-county.org)
  - 707-565-6167
  
- ▶ WHPA Staff
  - Wendy Worrell
  - [wendy@performancealliance.org](mailto:wendy@performancealliance.org)
  - 951-244-6400 Direct Office
  - 949-246-4985 Cell

