



Goal 1: Compliance Committee Teleconference Summary Minutes January 9, 2014

Call to Order

The meeting was called to order at 10:00 a.m. PDT by Tom Garcia, Chair of the Compliance Committee and a representative of CALBO (California Building Officials). The meeting was scheduled for 60 minutes.

Roll Call

Wendy Worrell (WHPA Staff) was announced as the note taker. WHPA Staff took roll call by organization name with participation indicated below. There was a quorum (4 or more voting members) with 5 voting members in attendance.

P = Present at meeting				
A = Absent voting member; if proxy has been assigned it will be noted below.				
* = Absent voting member with vote given in advance on selected items—see body of minutes for details				
WHPA Goal 1: Compliance Committee Members (voting)				
Beutler Corporation	Rick	Wylie	Contractor (Nonresidential)	A
CALBO (California Building Officials)	Tom	Garcia	Codes & Standards Official (Association or Jurisdiction)	P (Chair)
CEC (California Energy Commission)	Eurlyne	Geiszler	Government (Other than CPUC)	A
CHEERS / ConSol, Inc.	Mike	Hodgson	Certifying Body	P
HARDI (Heating, Air Conditioning & Refrigeration Distributors Int'l)	Jon	Melchi	Distributor Association	A - Proxy to AHRI (Warren Lupson)
IHACI (Institute of Heating and Air Conditioning, Inc.)	Bob	Wiseman	Contractor Association	P
JCEEP (Joint Committee on Energy and Environmental Policy)	Erik	Emblem	Organized Labor	P
SMUD (Sacramento Municipal Utility District)	Ravi	Patel	Public Owned Utility	A
WHPA Goal 1: Compliance Committee Members (non-voting)				
Action Duct Cleaning, Inc.	David	King	Contractor (Nonresidential)	A
ACCO Engineered Systems	Chris	Ruch	Contractor (Nonresidential)	A
ACCA (Air Conditioning Contractors of America)	Charles	McCrudden	Contractor Association	P
AHRI (Air Conditioning, Heating and Refrigeration Institute)	Cade	Clark	HVAC Manufacturer Association	A
AHRI (Air Conditioning, Heating and Refrigeration Institute)	Warren	Lupson	HVAC Manufacturer Association	P
AHRI (Air Conditioning, Heating and Refrigeration Institute)	Mike	O'Halloran	HVAC Manufacturer Association	P
Architectural Energy Corporation (AEC)	Sally	Blair	Energy Efficiency Program Consultant	P
Benningfield Group **	Brian	Selby +	Third Party Quality Assurance Providers	A
CalCERTS, Inc.	Michael	Bachand	Certifying Body	P
California Center for Sustainable Energy (CCSE)	Lindsey	Taggart	Energy Efficiency Program Consultant	P
CEC (California Energy Commission)	Pedro	Gomez	Government (Other than CPUC)	A
City of Clovis	Mark	Meyers	Government (Other than CPUC)	A
CSLB (Contractor State Licensing Board) **	Scott	Weber +	Government (Other than CPUC)	P
Comfort Climate Control, Inc.	Mark	Ramirez	Contractor (Residential)	A
Community College HVAC Program and Consulting	Timothy	Muckey	Educator, Trainer	A
Duct Testers	Dave	Hegarty	Other Stakeholder	A
Enalasy	Brooke	Cole	Third Party Quality Assurance Providers	P
Enalasy	Brent	Locke	Third Party Quality Assurance Providers	P
Enalasy	Eric	Taylor	Third Party Quality Assurance Providers	P (Speaker)
The Energy CA LLC	Eric	Berault	Third Party Quality Assurance Providers	P
Energy Efficiency Program and Policy Consultant	Mark	Cherniack	Energy Efficiency Program Consultants	P
General Heating and Air Conditioning	Phillip	Grosenbach	Contractor (Residential)	A
HARDI (Heating, Air Conditioning & Refrigeration Distributors Int'l)	Talbot	Gee	Distributor Association	A
HVAC Armor LLC	Nick	Lashinsky	Other Stakeholder	A
J.A.G. Consulting	Jeff	Gannaway	Codes & Standards (Association or	P



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			Jurisdiction)	
Kahn Air Conditioning, Inc.	Michael	Carson	Contractor (Residential)	A
MSDC, Inc. (Mechanical Systems Design & Consulting)	Jeff	Henning	Educator, Trainer	A
Misti Bruceri & Associates	Misti	Bruceri	Energy Efficiency Program Consultant	P
NADCA (National Air Duct Cleaners Association)	Dan	Stradford	Contractor Association	A
NEMI (National Energy Management Institute)	Gary	Andis	Educator, Trainer	A
PG&E (Pacific Gas and Electric Company)	Mary	Anderson	California IOU	A
PG&E (Pacific Gas and Electric Company)	Marshall	Hunt	California IOU	A
PG&E (Pacific Gas and Electric Company)	Justin	Kjeldsen	California IOU	A
PG&E (Pacific Gas and Electric Company)	Jill	Marver	California IOU	P
PG&E (Pacific Gas and Electric Company)	James	Tuleya	California IOU	A
PECI	James	Russell +	Other Stakeholder	A
PECI	Matt	Tyler +	Other Stakeholder	A
Plumbing-Heating-Cooling Contractors National Association (PHCC)	Gerry	Kennedy	Contractor Association	A
Plumbing-Heating-Cooling Contractors National Association (PHCC)	Chuck	White	Contractor Association	P
SDG&E (San Diego Gas & Electric)	Jeremy	Reefe	California IOU	A
Sanborn's West Coast Mechanical, Inc.	Geoff	Sanborn	Contractor (Residential)	A
Sheet Metal Workers (SMW) Local 104	Dave	Dias	Organized Labor	P
Sierra Building Science, Inc.	Russ	King	Educator, Trainer	A
SCE (Southern California Edison)	Randall	Higa	California IOU	A
SCE (Southern California Edison)	Scott	Higa	California IOU	A
SCE (Southern California Edison)	Edwin	Hornquist +	California IOU	A
SCE (Southern California Edison)	Javier	Mariscal +	California IOU	A
SCE (Southern California Edison)	Gary	Shushnar	California IOU	P
SoCalGas (Southern California Gas Company)	Harvey	Bringas	California IOU	A
USERA (US Energy Raters Association)	Bill	Butts	Third Party Quality Assurance Providers	A
USERA (US Energy Raters Association)	Don	Charles +	Third Party Quality Assurance Providers	P
USERA (US Energy Raters Association)	Greg	Davis	Third Party Quality Assurance Providers	P
USERA (US Energy Raters Association)	Alex	Trochez +	Third Party Quality Assurance Providers	P
Western Cooling Efficiency Center (WCEC)	Kristin	Heinemeier	Other Stakeholder	A
WHPA Staff/InfoPlast	Wendy	Worrell	Other Stakeholder	P (Scribe, WebEx)
WHPA Goal 1: Compliance Committee Guests (non-voting)				
ASI Heating and Air	Maria	Baldwin +	Contractor (Residential)	A
ASI Heating and Air	Phil	Justo	Contractor (Residential)	A
Becerril Air (dba B Air Conditioning Systems) **	Louis	Fuentes +	Contractor (Residential)	P
Better Buildings Inc./WHPA Staff	Dale	Gustavson	Energy Efficiency Program Consultant	A
CalCERTS, Inc.	Neal	Lockett +	Certifying Body	A
CalCERTS, Inc.	Hugo	Schmidt +	Certifying Body	A
CEC (California Energy Commission)	Tav	Commins	Government (Other than CPUC)	P
CEC (California Energy Commission)	Todd	Ferris +	Government (Other than CPUC)	A
CEC (California Energy Commission)	Jeff	Miller +	Government (Other than CPUC)	A
CEC (California Energy Commission)	Mazi	Shirakh +	Government (Other than CPUC)	A
City of Brawley **	Rosanna	Moore	Government (Other than CPUC)	A
City of Brawley **	Francisco	Soto +	Government (Other than CPUC)	A
City of Calexico **	Oscar	Rodriguez +	Government (Other than CPUC)	A
City of El Centro – Building Department **	Norma	Villicana +	Government (Other than CPUC)	A
City of El Centro – Building Department ** probinson@ci.el-centro.ca.us	Patsy	Robinson	Government (Other than CPUC)	A
City of Imperial **	Othon	Mora +	Government (Other than CPUC)	A
Conservation Services Group	Elizabeth	DeSouza	Energy Efficiency Program Consultant	P
DNV GL – Energy ** (for KEMA)	Amber	Watkins +	Energy Efficiency Program Consultant	P
Energy Cloud Inc/GreenNet **	John	Carrier +	Other Stakeholder	P
Gabel Associates **	Gina	Rodda +	Educator, Trainer	A
IVEDC (Imperial Valley Economic Development Corporation) **	Mike	Paredes +	Government (Other than CPUC)	A



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IVSBDC (Imperial Valley Small Business Development Center) **	Carlos	Figari +	Government (Other than CPUC)	A
IVSBDC (Imperial Valley Small Business Development Center) **	Katie	Nino +	Government (Other than CPUC)	P (new)
Locke Air Conditioning **	Mary	Locke +	Contractor (Residential)	P
PG&E (Pacific Gas and Electric Company)	Stu	Tartaglia	California IOU	A
RASENT Solutions	Robert	Scott	Other Stakeholder	P

*** Organization is Not a Member of the WHPA; + Individual is NOT Registered with the WHPA; (P) = Member Organization is Pending Approval from the WHPA Executive Committee.*

Eric Taylor (Enalasy) asked that Katie Nino (IVSBDC) be added to the regular guest list in place of Carlos Figari.

The Chair welcomed everyone including new members and reminded that the notes are on the Compliance Committee page of the WHPA website (<http://www.performancealliance.org/Committees/StrategicPlanGoal1Compliance/tabid/200/Default.aspx>).

AGENDA

Topic	Discussion Leader	Desired Outcome
Roll Call by Organization	Wendy Worrell, WHPA Staff	Determine those in attendance and any needed roster updates
Approve Prior Meeting Minutes	Tom Garcia, CALBO	Approve the November 21, 2013 meeting minutes for posting on the WHPA website – Compliance Committee page
“Green It Forward Imperial Valley” Online Permitting Pilot Presentation	Eric Taylor, Enalasy John Carrieri, GreenNet	Demonstration of the HERS provider selection portion of the system
HERS Rater Info Flyer for Building Departments Update	Tom Garcia, CALBO	Overview of status on HERS Rater information flyer for building department use (includes CalCERTS and CHEERS)
Goal Review and Reprioritization Discussion	Tom Garcia, CALBO	Determination of the Goals for 2014 based on the prior list and inclusion of the new SMART Goal.
Next Meeting Date	Tom Garcia, CALBO	Confirm logistics for next meeting (Feb 13 th or third or fourth Thurs?)

Approval of Prior Meeting Minutes

Tom Garcia (CALBO) asked for a motion to approve the November 21, 2013 meeting summary notes for posting on the Committee’s WHPA web page. Mike Hodgson (CHEERS) so motioned. Warren Lupson (HARDI) seconded the motion. There was unanimous agreement. The motion passed.

ACTION: WHPA Staff to post the November 21, 2013 minutes on the WHPA Compliance Committee web page.

“Green It Forward Imperial Valley Automated Permitting Process” Pilot Presentation – HERS Rater Selection

WHPA Staff gave WebEx control to GreenNet COO John Carrieri for the presentation.

Eric Taylor (Enalasy) gave a summary overview of the work they are doing in the “Green It Forward Imperial Valley” Pilot program. Enalasy Corporation along with many entities in the Imperial Valley has been working on creating an automated permitting system built for everyone to use. It is an open protocol permitting system whereby HVAC contractors can easily pull a permit from their offices. The system goes much further than just online permitting. They are integrating the software into each of the entities’ businesses. Building departments, HERS providers, HERS raters, and ultimately homeowners can all interact with the system. Once a permit is pulled and then registered all the CF-1R processes start rolling. As they start to develop the open architecture for all to use in California, they plan to get HVAC distributors on board to also include serial number tracking. Enalasy has been providing monthly updates to this Committee which has helped share ideas and work toward achieving the State goals of full compliance by the year 2016 and 2020. As they are piloting the program in real life, they are sharing results and making needed changes. They have also brought guests to the Committee meeting calls to help share where they are on the development side.



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Eric Taylor (Enalasy) passed the meeting to John Carrieri (GreenNet) with Energy Cloud to demonstrate how to integrate HERS rater information into the system so contractors can pick a HERS rater at the time they pull a permit as, in previous meetings, they have shown how to pull a permit as well as the contractor's and building department's views of managing the system. He started with pulling a zip code, then residential or commercial. A rater can be picked from the beginning of the process. Contractors can manage the system to put in the raters with which they prefer to work. As an open system, it will work with all providers and all raters. Once the rater is selected, the contractor is selected and various fields are filled out for the building department, HERS rater, and building owner information. The data is then saved and the information is carried through to the next steps. Once the building department approves the permit, a CF-1R will also be emailed to the particular HERS rater. For now with the 2008 code in place, they will probably email the .pdf to the HERS rater but with future enhancements with the 2013 code, they will probably be able to integrate directly with different HERS providers in the future.

Eric Taylor (Enalasy) asked for any feedback as it is open to the industry at large, especially for anyone doing something similar or has similar aspects. The ultimate goal is to take it from the Imperial Valley into other areas.

Tom Garcia (CALBO) asked if there is a count on the active number of permits through the 5 jurisdictions in the pilot.

Eric Taylor (Enalasy) replied that they worked on about 20 permits but that they have had a lot of learning curve along the way from software to training on how to use the system. John Carrieri (GreenNet) has fixed about 20 things that were software market barriers. The residential change out permit is now streamlined to nicely produce the CF-1R. They have all the different players interacting in the system and have done training with building departments. They are working on the commercial MEC side forms.

Mike Bachand (CalCERTS) asked for more description for getting the raters on the list in the system.

Eric Taylor (Enalasy) clarified that once the contractor specifies a rater(s), they can update their software or their accounts when they start pulling permits. They can pull a permit and then pull a rater from the drop down box. It could be just one that is preferred and permanently in the file. Ratens can be added as the user chooses. The raters can help the contractors set them up, but the contractors have to make the choice.

Bob Wiseman (IHACI) asked how much customization was needed for each jurisdiction to project the work that will be involved in moving it across the State.

Eric Taylor (Enalasy) felt that was the biggest question. He also mentioned that at another time the money flow process of how to get money from one location to another should be addressed. For the various jurisdictions, there are two main considerations.

1. The CF-1R form is streamlining the process. The form is a uniform way that the California Energy Commission (CEC) has come up with to determine the contractor's intention at the job site for the reasoning behind the need to pull a permit. The CF-1R is really narrowing it down for the requirements for a Title 24 change out.
2. Because there are other programs/systems in the background being used by building departments, they can specify if they want that want a system with automation. For example, some of the small jurisdictions have resource restrictions and have sought help from other jurisdictions to help them manage the Title 24 process. Enalasy is educating those building departments on how to automatically provide the contractor with approval on the permit. Because they are integrating the process into the various agencies that need the paperwork (building department, contractors, HERS provider, CEC to audit it all), they are basically saying it can be put on auto pilot so the system can run itself. Automation is simply a button for the building departments to select as an option to use the system with the health and safety inspections done behind the inspection done by the HERS rater. For building departments integrated into the system that have different permit and accounting systems, the process is to put the system on "not automated" with approval needed for each job. It doesn't slow down the contractor from pulling the permit, but the other side has to respond with a permit number to track it in their existing system for permit tracking or fees collection. If they are not using the automatic system, they need to accept the CF-1R form and then add a permitting number if a paper file, or integrate it into their system through manual input, or file transfer through HTML to their existing system.

It is a big undertaking and market barrier but with the CF-1R process the CEC has created, Eric Taylor (Enalasy) thinks it will uniformly get us together so that all the building departments will be more in harmony with one process.



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John Carrieri (GreenNet) added that it is the building department's choice. The system allows for either option. The CF-1R does not get produced in that latter case until the building department approves it and puts their unique internal permitting number from their internal system on the CF-1R. It is not a large burden on the building department.

Eric Beriault (Energy) asked for explanation of how the CF-1R gets generated and how the providers will have to integrate with the system to be selectable.

John Carrieri (GreenNet) explained that the raters will be able to sign up on the system and a contractor can pick them for a particular job. Presently the CF-1R can and will be mailed to the chosen HERS rater. In the future they can send data via XML to the providerships as well. The CR-1R is generated on their server.

Eric Beriault (Energy) asked if he would be able to do this if he were a CalCERTS rater using the CalCERTS registry.

John Carrieri (GreenNet) clarified that the system will work with any of the providers. In the initial step they are emailing the information but ultimately they will be working with providers to send data in their preferred formats. The new code is sending XML to the State server to convert everything to .pdf once that is approved in July. The initial method is to email the CF-1R to the particular rater. They are generating the CF-1R at the time the permit is pulled and then whatever HERS rater from whatever providership is selected is emailed to the provider at that time.

Eric Taylor (Enalasis) further clarified that it is not a registered CF-1R at the onset. When the contractor pulls a permit, the CF-1R is filled out for you before it is registered. They take the extra step so all of the providers can participate statewide. It gives the provider a "heads up" that the provider needs to register the already generated CF-1R on their registry. The information is also pushed to the rater prior to it being registered by one of the providers.

Tom Garcia (CALBO) summarized that once a notice is sent to the Rater, the Rater can log in to the system to use the data to register it.

Eric Taylor (Enalasis) confirmed that can be an automated process. Once the providers open their registries for CF-1R forms coming in from permits being pulled, they can automate the process so only the initial input of the information is required when the permit is pulled rather than there being a need for rekeying of the information.

Tom Garcia clarified that the pilot is working on that so that it will be fully automated after the trial and error when it goes statewide.

ACTION: Any questions or comments about the Green It Forward Imperial Valley Automated Permitting Process Pilot should be voiced to Eric Taylor (Enalasis) at 760-801-4733.

UPDATE: HERS Rater Information Flyer for Building Departments (including CalCERTS, CHEERS)

Tom Garcia (CALBO) had no time to move on this through the holiday.

ACTION: The HERS Rater Information Flyer for Building Departments update is moved to the next agenda.

Goal Review and Reprioritization

The Chair felt the new SMART Goal to quantify rates of permit compliance falls into the work of this Committee. Serial Number Tracking will also be a bit more of the focus with separate meetings for discussion in a small group setting. Feedback from those meetings will be brought back to the Compliance Committee so see if Serial Number Tracking can be moved into a reality and hopefully helpful in getting a real count of how many permits are being issued, how much is being done without permits, and then ultimately gaining understanding of what the energy implications are of bringing in more permits. He asked for input on the goals of the Committee and what the focus should be for 2014. He hopes this group can be a way to help disseminate training opportunities for contractors, building departments, etc.

The Chair opened the meeting for discussion.



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Mike Hodgson (CHEERS) asked if the Goals are in order of priority.

The Chair clarified that they are not in prioritization order at this point and should be reordered by importance.

Mike Hodgson (CHEERS) commented that the issues with the 2013 code are pushed back to July. He felt the things we are working on with the automated permit process and tracking are higher priorities. He believes the Enalaysys program has promise and should be focused on more. The incentive program in the Fresno area to look at how to improve change out compliance should also be a focus.

Greg Davis (USERA) noted that there is a CEC Title 24 training webinar on January 16th and 23rd.

Tom Garcia (CALBO) commented that those are aimed at Building Officials and pointed out that any training for the Compliance Committee focus should be on the HVAC change out process rather than being on the entire day webinar.

Greg Davis (USERA) agreed. They put out a schedule so people can jump in/out of the webinar as desired for their preferred focuses.

ACTION: WHPA Staff to send the CEC's T24 Webinar schedule from Greg Davis (USERA) and Tom Garcia (CALBO) to the Committee.

ACTION: The Chair will try to prioritize the goals and send it out for discussion at the next meeting.

Next Meeting Date/Closing Comments/Adjournment

ACTION: WHPA Staff to send Doodle Poll to confirm the best time/date for our meetings.

ACTION: WHPA Staff to send Meeting Notice for the next meeting based on the Doodle Poll results.

The Chair adjourned the meeting at 10:48 a.m. PST.

* * * * *

Summary of Action Items and Key Decisions (from above)

ACTION: WHPA Staff to post the November 21, 2013 minutes on the WHPA Compliance Committee web page.
(Posted at <http://www.performancealliance.org/Portals/4/Documents/WHPA-Meeting-Minutes--Compliance-Committee-131121.pdf>)

ACTION: Any questions or comments about the Green It Forward Imperial Valley Automated Permitting Process Pilot should be voiced to Eric Taylor (Enalaysys) at 760-801-4733.

ACTION: The HERS Rater Information Flyer for Building Departments update is moved to the next agenda.

ACTION: WHPA Staff to send the CEC's T24 Webinar schedule from Greg Davis (USERA) and Tom Garcia (CALBO) to the Committee. *(Done)*

ACTION: The Chair will try to prioritize the goals and send it out for discussion at the next meeting. *(Done)*

ACTION: WHPA Staff to send Doodle Poll to confirm the best time/date for our meetings. *(Done)*

ACTION: WHPA Staff to send Meeting Notice for the next meeting based on the Doodle Poll results. *(Done)*