



Charter of the Western HVAC Performance Alliance

Update: April 17, 2013

1. VISION

People in all California buildings—whether homes, offices, schools, hospitals or other facilities—will enjoy cool, pleasing, productive temperatures during the heat of summer and a warm environment during the cold winter months.

HVAC products and services will help safeguard California's energy resources through the expert application of high-quality technologies, equipment, installation and maintenance.

Blackouts and strains on the energy grid will be rare, as energy efficiency and energy planning has reduced the stresses of peak load energy demands.

HVAC companies, the energy management industry, and utilities will be esteemed by consumers and society for the quality and value of their services while maintaining a sustainable business model.

2. MISSION

The Western HVAC Performance Alliance is a collaboration of the heating, ventilation and air conditioning (HVAC), energy efficiency, facility management, and utility industries and government formed to:

1. Maximize the many benefits of cooling, heating, indoor air quality, and energy efficiency services to consumers.
2. Minimize the use of gas and electricity.
3. Benefit the individuals and organizations that ably deliver the above to consumers and society.

Through this collaboration, the residential and small commercial HVAC market will be transformed and will ensure that technology, equipment; installation and maintenance are of the highest quality to promote energy efficiency and peak load reduction.

3. GOALS

3.1 Overarching Goals

- Assist California utilities, policymakers and other stakeholders to assess, prioritize, build consensus and continuously improve the California Energy Efficiency Strategic Plan (CEESP).
- Craft and evolve an "HVAC Action Plan" containing specific actions, schedules, technical and financial resources, and interim metrics for success for achieving the near-term, mid-term and long-term goals articulated in the CEESP.
- Provide counsel to and take input from California's Investor Owned Utilities (IOUs) energy efficiency program administrators, designers and implementers for the purposes of reducing HVAC energy consumption and demand.
- Serve as a conduit of information to the many disparate elements of the HVAC market and as a conduit of information to other stakeholders.

3.2 HVAC Efficiency Program Goals

- Through effective communication and collaboration, utilize expert knowledge and connections to amplify the impact of ratepayer-funded energy efficiency programs administered by the IOUs, publicly owned utilities (POUs), local governments and other “third party implementers.”
- Propose plans to advance statewide HVAC efficiency program approaches without discouraging or stifling locally targeted product or process innovation.
- Continuously review the design and implementation of programs being administered in support of the CEESP and propose new program ideas.
- Recommend qualifications and guidelines for HVAC program implementers, trainers and educators who are to receive IOU funding.

3.3 HVAC Industry Goals

- Recommend strategies to transform the residential and small commercial HVAC market so that technology, equipment, installation and maintenance are of the highest quality in order to achieve energy efficiency and peak load reduction in California’s climate.
- Resolve the many disparate interests within the HVAC market by working both individually and collectively on HVAC energy efficiency in California and the nation at large.
- Take a leadership role to advocate for reducing of inefficient energy use due to improperly installed, operated, serviced, and maintained unitary HVAC systems and other HVAC systems serving the residential and small commercial markets.
- Leverage industry expert knowledge and connections to promote awareness among HVAC industry personnel as to the impact their products, services and labor have on energy use—both good and bad—and the significant business and occupational opportunities that exist for those who use their knowledge and skills to bring about efficiency.
- Pose tactics to make the HVAC industry—and HVAC energy efficiency—more attractive to future HVAC workers, and establish outreach programs in support thereof.

3.4 Communication Goals

- Cultivate dialogue and closer working relationships within all segments of the HVAC market, creating a forum for open dialog among what have historically been disparate interests often working against or independent of one another.
- Solicit and summarize opinions on issues relevant to ratepayer-funded programs, as a means of improving the effectiveness of these programs and assisting IOU Program Managers.
- Seek out, document, and deploy information about best practices in HVAC installation and maintenance, business practice, engineering education, training, certifications, code enforcement, distribution, and manufacturing, such that this knowledge is shared within all facets of the market to support energy efficiency goals.
- Generate dialogue and closer working relationships among market actors who also promote HVAC efficiency by being bidirectional and transparent, both influencing and being influenced by other stakeholder groups.
- Take guidance from and provide guidance to regulators and others engaged in market assessment, evaluation, measurement and verification about the potential for and actual results of HVAC energy efficiency programs.

3.5 Consumer Outreach Goals

- Encourage WHPA Members to promote energy efficiency in marketing and sales efforts whenever possible by creating new programs, supporting existing programs, and measuring the success of such promotional efforts.
- Provide feedback about market conditions and suggest approaches for creating desire among residential and non-residential consumers through individual and collective marketing, communications and sales efforts for efficient HVAC equipment, and high-quality installation, service and maintenance.

- Encourage HVAC industry participation in marketing, communications and sales efforts with statewide branding focused on HVAC issues such as quality installation, quality maintenance, installer/technician certification, and contractor accreditation.
- Assist in identifying feedback mechanisms for residential and non-residential consumers who directly or indirectly participate in ratepayer-funded HVAC programs and/or adopt high quality, high efficiency HVAC products and services.

3.6 Technology Development Goals

- Identify needed emerging energy efficiency technologies and provide insight, guidance and prioritization to such technologies that become identified for development or commercialization in HVAC Program Implementation Plans (PIPs).
- Envision tools and technologies that would help transform the HVAC market and seek their development in both public and private research laboratories.
- Assist with the field testing of commercially viable tools, equipment and processes, and report results.
- Effectively communicate the value and benefit of adopting proven but still emerging HVAC tools and technologies through HVAC industry channels such as associations and the trade press.

4. PERFORMANCE ALLIANCE MEMBERSHIP

The Western HVAC Performance Alliance consists primarily of high-level HVAC industry stakeholders—such as manufacturers, distributors, contractors, associations, organized labor and influential end users/customers/consumers—that are committed to advancing the work of the Performance Alliance. Membership also includes other key market actors, such as the California Public Utilities Commission (CPUC), California Energy Commission (CEC), California’s IOUs and POUs, researchers, and the federal government.

The organizations that comprise the Performance Alliance have been willing to donate the time and expenses required for their representatives to participate in Performance Alliance meetings and activities. This significant in-kind contribution evidences the spirit of community and common purpose that is key to making the Performance Alliance effective.

5. NOMENCLATURE

1. An organization is the WHPA “Member.”
2. An individual who is part of a WHPA Member organization and who has completed the WHPA registration process is a WHPA “Registrant.”
3. A “Body” is a WHPA organizational entity. At present, the WHPA is organized into four kinds of serving bodies: the Executive Committee (EC), Council of Advisors (COA), Committees, and Working Groups.
4. The term “Industry Member” is used broadly to reflect stakeholders with an interest in HVAC efficiency. This includes the HVAC industry, energy efficiency industry, and facility managers, but not the IOUs, CPUC, or CEC.
5. “Permanent” EC and COA Members are IOUs, CPUC, and CEC.
6. A “Guest” at any meeting has a non-voting status.

6. GENERAL GOVERNANCE PRINCIPLES

The Performance Alliance shall prepare, follow, and periodically update a Communications plan to ensure effective and efficient communication between industry sectors, Performance Alliance Members, utilities and industry representatives, different utility program managers, and Performance Alliance Administrators and Members.

1. Membership privileges – Membership is at an organization level.
2. Member organizations agree to support the vision, mission, goals and governance of the WHPA.
3. Membership category – The Member organization identifies its own recommended Membership category (Industry Stakeholder category) at the time the initial Membership application is completed. The Executive Committee has the right to change that category at its sole discretion during the Executive Committee review and vote for acceptance of the Membership application.
4. Quorum Rule – A quorum (50% plus one person) of the total voting membership of a body is required for a vote to be valid.
5. Simple Supermajority Rule – 60% minimum of those present (or represented by proxy) required for a motion to pass.
6. WHPA Membership and individual registration is required to hold the Chair of any WHPA body - EC, COA, Committee, Working Group.
7. Voting eligibility for any WHPA body – EC, COA, Committee, Working Group – requires:
 - a. The organization is a Member.
 - b. The individual voter has completed the registration process, including agreement to abide by the Code of Conduct.
 - c. The individual was registered with the WHPA for at least one meeting prior to the meeting when he/she votes.
8. All Committee/Working Group deliverables (white papers, other documents) shall (ultimately or directly, depending on circumstance) be submitted to the WHPA Executive Committee, moving up through the sponsoring body. One or more of the following actions shall be taken by the EC:
 - a. Approve/Accept/Concur. This is the only action of the EC for which the deliverable receives the WHPA brand and is considered a WHPA-sanctioned deliverable.
 - b. Approve/Accept/Endorse, with any required changes described.
 - c. Pending/Under Review.
 - d. Return for Revision (send back to originating body).
 - e. Reject and Ineligible for Resubmission.
9. Violation of the Code of Conduct by a Registrant is grounds for immediate withdrawal of Registrant status and removal from WHPA. Lesser penalties are at the sole discretion of the EC Co-Chairs. Removal of a Registrant does not necessarily result in removal of the Member organization.
10. All WHPA positions are held by the Member organization, not by the individual filling a position. The Member has the right to substitute individuals in any WHPA role at its discretion; however, the individual must be a Registrant of the WHPA for that Member organization.
11. A Guest at any meeting may be asked to leave at any time by request of the meeting Chair or Co-Chair.
12. At the time a Committee is formed, either Co-Chair of the EC shall present a description of the committee's proposed objectives, deliverables, and any schedules.

7. GOVERNANCE AND POLICY (see following table)

7. GOVERNANCE AND POLICY

		Executive Committee	Council of Advisors	Committees	Working Groups
1	Body Objectives	<ul style="list-style-type: none"> • Work effort shall relate to 1 or more of the 4 Strategic Goals • Oversight of WHPA • Policy and governance (including Charter) of WHPA • Responsible for WHPA brand • Tactical and operational leadership • Primary voice of WHPA to outside bodies and individuals • Ensure IOU participation in Committees (IOU liaison) • Annual review of activities and results to ensure WHPA is on track to meet its strategic objectives • Annual planning to set short-term direction for the WHPA • Review Committee and Working Group deliverables 	<ul style="list-style-type: none"> • Provide strategic guidance for the WHPA, focused on the CEESP and the HVAC Action Plan, and based on subject matter expertise within the WHPA • Commission Working Groups which produce deliverables that inform the HVAC Action Plan • Monitor and report progress /transformation in IOUs, in industry, in policy bodies 	<ul style="list-style-type: none"> • Produce deliverables • Work effort shall relate to 1 or more of the 4 Strategic Goals • Committee goals tend to be mid- and long-term, broadly based • Leverage member composition of Subject Matter Experts (HVAC, facility, energy efficiency) 	<ul style="list-style-type: none"> • Oriented to produce a deliverable in response to a request or requirement • Work effort shall relate to 1 or more of the 4 Strategic Goals • Usually addresses a focused task of limited duration • Leverage member composition of Subject Matter Experts (HVAC, facility, energy efficiency)
2	Authorized Activities	<ul style="list-style-type: none"> • Receive all work products from WHPA bodies and take action as itemized elsewhere • Form Working Groups that report to the EC • Create (and terminate) all Committees and approve/remove Committee Chairs • Focal point to receive information requests to the WHPA from IOUs, CPUC, and other entities • Modifications to WHPA Charter • Develop and modify policies • Necessary operational actions • Vote on matters before them 	<ul style="list-style-type: none"> • Develop deliverables and report findings to EC • Form Working Groups as needed to address specific short-term issues in support of COA objectives and supervise through completion of Working Group activity • Provide pool of eligible candidates for EC (“Industry”) • Vote on matters before them 	<ul style="list-style-type: none"> • Develop deliverables and report findings to EC, supporting deliverables through final disposition • Form Working Groups to produce deliverables • Vote on matters before them 	<ul style="list-style-type: none"> • Develop deliverables and report findings to the body that formed the Working Group (Committee, COA or EC) and support deliverables throughout WHPA structure • Vote on matters before them

7. GOVERNANCE AND POLICY

		Executive Committee	Council of Advisors	Committees	Working Groups
3	Body Formation/ Modification	<ul style="list-style-type: none"> EC is authorized by Charter; modified by Charter EC has authority to form Committees and Working Groups 	<ul style="list-style-type: none"> Authorized by Charter; modified by Charter COA has authority to form Working Groups All WHPA Members meeting criteria for COA membership are eligible to join upon invitation of COA Chair or Vice Chair 	<ul style="list-style-type: none"> Committees have authority to form Working Groups No authority to form subcommittees 	<ul style="list-style-type: none"> WG can be assigned by the EC, the COA, or a Committee No authority to form other Working Groups or other bodies
4	Body Composition	<ul style="list-style-type: none"> 6 Permanent EC members: 4 IOUs; 1 CPUC; 1 CEC 1 – Chair of the COA (a voting member) 7 COA members in any of these categories: <ul style="list-style-type: none"> Organizations with Members Certifying Bodies Publicly Owned Utilities 	<ul style="list-style-type: none"> 10 Permanent COA members: 2 each from 4 CA IOUs – SCE, PG&E, SoCalGas, SDG&E; 1 CPUC; 1 CEC Unlimited number of COA members from any of these categories, provided they are a Member of the WHPA and <ul style="list-style-type: none"> Organization with Members, or Certifying Body, or Publicly Owned Utility 	<ul style="list-style-type: none"> Eligibility restricted to Registrants of WHPA Members Minimum of 3 WHPA membership categories required for a Committee 	<ul style="list-style-type: none"> Eligibility restricted to Registrants of WHPA Members No minimum of WHPA membership categories unless specified by Chair appointing the Working Group
5	How Participants are Selected	Industry Members are each self-nominated; selected for EC by Industry members of the COA using Quorum and Supermajority rules; secret ballot permitted if so determined by Co-Chair	COA Members are self-nominated and automatically become part of the COA if they meet criteria (see Governance and example)	Committee Chair selects from Registrants of WHPA Members	Working Group Chair selects from Registrants of WHPA Members
6	Condition of Participation by Registrants	Support the vision, mission, goals, and governance of the WHPA and the WHPA Code of Conduct	Support the vision, mission, goals, and governance of the WHPA and the WHPA Code of Conduct	Support the vision, mission, goals, and governance of the WHPA and the WHPA Code of Conduct	Support the vision, mission, goals, and governance of the WHPA and the WHPA Code of Conduct
7	Length of Term	<ul style="list-style-type: none"> No term limits for Permanent EC members 2-year term for Industry Members Industry Members have no term limits (may immediately run again) 	Term never ends unless Member organization resigns or is separated through separation process	None	N/A

7. GOVERNANCE AND POLICY

		Executive Committee	Council of Advisors	Committees	Working Groups
8	Chair Selection	<ul style="list-style-type: none"> Co-Chairs; 1 selected from IOUs by IOU Members of the EC, and 1 selected from Industry by Industry Members of the EC 	<ul style="list-style-type: none"> Chair and Vice Chair, elected by all COA members Permanent Members (IOU, CPUC, CEC) cannot hold either Chair or Vice Chair position Quorum and supermajority of all eligible voters 	Both Co-Chairs of the EC select Committee Chair	Chair or both Co-Chairs of the sponsoring body (the COA, EC, or Committee) selects the Working Group Chair
9	Chair, Co-Chair, Vice Chair Term	<ul style="list-style-type: none"> 2 years May immediately hold position again 	<ul style="list-style-type: none"> 2 years Chair and Vice Chair may run for immediate reelection 	Until Chair resigns or is replaced by appointment of EC Co-Chairs	Until completion of project, except as directed by Chair of sponsoring body
10	Role of Chair, Co-Chair, Vice Chair	Responsible for leadership in meeting the Objectives of the Executive Committee	<ul style="list-style-type: none"> Chair is responsible for leadership in meeting the Objectives of the COA Vice Chair is responsible for membership, including soliciting new members from eligible WHPA Members and potential Members 	Responsible for leadership in meeting the Objectives of the Committee	Responsible for leadership in meeting the Objectives of the Working Group
11	Total Authorized Voting Members	<ul style="list-style-type: none"> All EC members have voting rights 14 total members: 6 "Permanent" and 8 "Industry" members including COA Chair Quorum is 8; Supermajority is 9 	No limit to number of Industry Voting Members. All COA Members have voting rights including Chair	Size of membership determined by Chair of the Committee, with minimum of 3 industry categories	Size of membership determined by Chair of the Committee
12	Eligibility to Vote (Member Level)	All EC Members	All COA Members	<ul style="list-style-type: none"> Registrant of any WHPA Member organization Invited to be a voting member of Committee by the Chair Only 1 voting member per Member organization on a Committee 	<ul style="list-style-type: none"> Registrant of any WHPA Member organization Invited to be a voting member of Working Group by the Chair Only 1 voting member per Member organization on a Working Group

7. GOVERNANCE AND POLICY

		Executive Committee	Council of Advisors	Committees	Working Groups
13	Voting Mechanics	<ul style="list-style-type: none"> • Consensus decision making is encouraged • Preferred voting method is a voice vote during the meeting • Email vote is allowed • Quorum and Supermajority rules 	<ul style="list-style-type: none"> • Consensus decision making is encouraged • Preferred voting method is a voice vote during the meeting • Email vote is allowed • Quorum and Supermajority rules 	<ul style="list-style-type: none"> • Consensus decision making is encouraged • Preferred voting method is a voice vote during the meeting • Email vote is allowed • Quorum and Supermajority rules 	<ul style="list-style-type: none"> • Consensus decision making is encouraged • Preferred voting method is a voice vote during the meeting • Email vote is allowed • Quorum and Supermajority rules
14	Recording of Votes	All votes shall be recorded in written minutes, including list of aye, nay, or abstention, or by each voting member	All votes shall be recorded in written minutes, including list of aye, nay, or abstention, or by each voting member	All votes shall be recorded in written minutes, including list of aye, nay, or abstention, or by each voting member	All votes shall be recorded in written minutes, including list of aye, nay, or abstention, or by each voting member
15	Guests	Guests are permitted for open meetings with approval of either Co-Chair	Guests are permitted for open meetings with approval of Chair or Vice Chair	Guests are permitted for open meetings with approval of Chair	Guests are permitted for open meetings with approval of Chair
16	Meeting Frequency	Monthly unless otherwise agreed by Co-Chair	Quarterly unless otherwise decided by Chair	As needed; minimum set by Committee Chair	As needed; minimum set by Working Group Chair
17	Open/Closed Meetings	All meetings are closed, unless declared open by Supermajority vote or by agreement of both Co-Chairs, and must be done in advance of the meeting	All meetings are closed, unless declared open by Supermajority vote or by the Chair, and must be done in advance of the meeting	All meetings are closed, unless declared open by Supermajority vote or by the Chair, and must be done in advance of the meeting	All meetings are closed, unless declared open by Supermajority vote or by the Chair, and must be done in advance of the meeting
18	Grounds for Registrant Separation from Body Participation	Violation of WHPA Code of Conduct; separation due to lack of attendance at discretion of Chair; guideline is absence from 3 or more of past 6 EC meetings	Violation of WHPA Code of Conduct; separation due to lack of attendance at discretion of Chair; guideline is absence from 2 of past 4 COA meetings	Violation of WHPA Code of Conduct; separation due to lack of attendance at discretion of Chair; guideline is absence from 3 of past 6 Committee meetings	Violation of WHPA Code of Conduct; separation due to lack of attendance at discretion of Chair; guideline is absence from 2 of past 3 WG meetings
19	Grounds for Separation of Chair, a Co-Chair, or Vice Chair	For cause, as determined by Governance Committee or Working Group of the EC formed for such purpose	For cause, as determined by both Co-Chairs of Executive Committee	For cause, as determined by both Co-Chairs of Executive Committee	For cause, as determined by Chair or Co-Chairs of the sponsoring body of the WG

7. GOVERNANCE AND POLICY

		Executive Committee	Council of Advisors	Committees	Working Groups
20	Grounds for Member or Registrant Separation from Body Participation	Material opposition to the vision, mission, goals, and governance of the WHPA or violation of WHPA Code of Conduct	Material opposition to the vision, mission, goals, and governance of the WHPA or violation of WHPA Code of Conduct	Material opposition to the vision, mission, goals, and governance of the WHPA or violation of WHPA Code of Conduct	Material opposition to the vision, mission, goals, and governance of the WHPA or violation of WHPA Code of Conduct
21	Process for Member Separation from Body Participation	Supermajority of EC Members present; quorum required	Supermajority of COA Members present; quorum required	Committee Chair recommends; approval by both EC Co-Chairs	Working Group Chair recommends; approval by Chair or Co-Chairs of the authorizing body
22	Process for Registrant Separation from Body Participation (Member Organization is not Separated)	Supermajority of EC Members present; quorum required	Supermajority of COA Members present; quorum required	Decision of Committee Chair with written agreement of both EC Co-Chairs	Decision of Working Group Chair with written agreement of Chair or Co-Chairs of the authorizing body
23	Treatment of Work in Progress	All draft documents, including those posted on the WHPA website, shall not be quoted, referenced, or attributed to the WHPA prior to acceptance by the EC	All draft documents, including those posted on the WHPA website shall not be quoted, referenced, or attributed to the WHPA prior to acceptance by the EC	All draft documents, including those posted on the WHPA website shall not be quoted, referenced, or attributed to the WHPA prior to acceptance by the EC	All draft documents, including those posted on the WHPA website, shall not be quoted, referenced, or attributed to the WHPA prior to acceptance by the EC
24	Approval Process by an Originating Body to Submit a Document for Approval	Final approved for any and all documents developed within the WHPA	COA approves all documents approved by Working Groups formed by the COA; upon COA approval the WG document is submitted to the EC	Committee documents must be approved first by the Committee, then by the EC	Working Group documents must be approved first by WG, then the sponsoring body (EC or COA), and then by the EC
25	Process for Submission	EC schedules on the EC agenda a review and vote by EC members of all documents	COA Chair requests time on EC agenda	Committee Chair requests time on EC agenda	Working Group Chair requests time on agenda of sponsoring body
26	Acceptance of a Document or Work Paper	Consensus preferred, but can be submitted based on Supermajority of those voting members present, with Quorum Rule	Consensus preferred, but can be submitted based on Supermajority of those voting members present, with Quorum Rule	Consensus preferred, but can be submitted based on Supermajority of those voting members present, with Quorum Rule	Consensus preferred, but can be submitted based on Supermajority of those voting members present, with Quorum Rule

7. GOVERNANCE AND POLICY

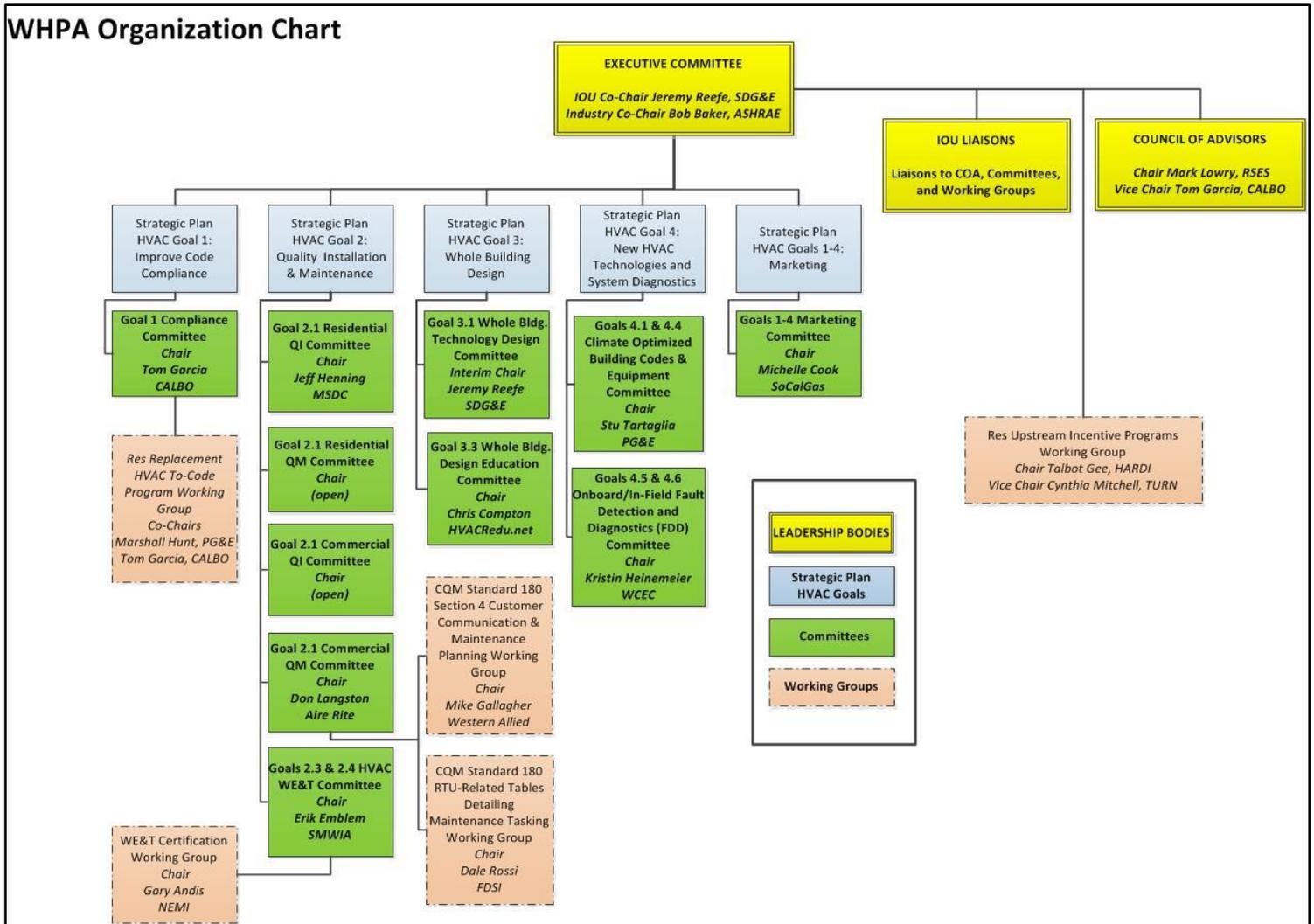
		Executive Committee	Council of Advisors	Committees	Working Groups
27	IOU Liaisons to Committees and Working Groups	IOU Liaisons may be called upon by either EC Co-Chair to participate in EC meetings	IOU Liaisons may be called upon by the COA Chair or Vice Chair to participate in COA meetings	<ul style="list-style-type: none"> • Every Committee shall have at least 1 IOU Liaison • The role is to provide bi-directional communications between the IOUs and the Committee, including providing information about IOU programs and receiving industry input 	<ul style="list-style-type: none"> • Every Working Group may have at least 1 IOU Liaison • The role is to provide bi-directional communications between the IOUs and the Committee, including providing information about IOU programs and receiving industry input

8. COMMUNICATIONS

The Performance Alliance shall prepare, follow, and periodically update a Communications Plan to ensure effective and efficient communication between industry sectors, Performance Alliance Members, utilities and industry representatives, different utility program managers, and Performance Alliance administrators and Members.

APPENDICES

APPENDIX I. Organization Chart and Leaders of the WHPA (as of the Charter update April 17, 2013)



APPENDIX II. Council of Advisors Membership Categories

This provides specific examples, by membership category of organizations eligible for membership in the COA. **BOLD organization names** reflect COA Members as of April 17, 2013. Unbolded organization names are examples of organizations that could apply for WHPA membership and, upon acceptance, would be eligible to join the COA.

Council of Advisors		
Membership Category (Groups Only)	# of Eligible Orgs	Eligible Organizations as of 4-17-13
California Investor Owned Utility	4	PG&E (Pacific Gas & Electric); SCE (Southern California Edison); SDG&E (San Diego Gas & Electric); SoCalGas (Southern California Gas) - two seats each
California Public Utilities Commission	1	CPUC (California Public Utility Commission)
Certifying Body	5	BPI (Building Performance Institute); HVAC Excellence; NATE (North American Technical Excellence); RESNET (Residential Energy Services Network); STAR
Codes & Standards Official (Association or Jurisdiction)	3	CALBO (California Building Officials); IAPMO (International Association of Plumbing and Mechanical Officials); ICC (International Code Council)
Contractor Association	5	ACCA (Air Conditioning Contractors of America); ACTA (Air Conditioning Trade Association); IHACI (Institute of Heating and Air Conditioning Industries); MCAA/MSCA /Mechanical Contractors Association of America/Mechanical Service Contractors Association of America); SMACNA (Sheet Metal and Air Conditioning Contractors' National Association)
Distributor Association	1	HARDI (Heating, Airconditioning & Refrigeration Distributors International)
Educator, Trainer	2	NCI (National Comfort Institute); RSES (Refrigeration Service Engineers Society)
Energy Efficiency Assoc.	1	California Energy Efficiency Industry Council
Engineering Society	1	ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers)
Government (Other than CPUC)	4	CEC (California Energy Commission); CSLB (Contractors State License Board); Energy Star; US DOE (US Department of Energy)
HVAC Manufacturer Assoc.	1	AHRI (Air-Conditioning, Heating, and Refrigeration Institute)
Organized Labor	2	SMWIA (Sheet Metal Workers' International Association); UA (United Association Union of Plumbers, Fitters, Welders, and HVAC Service Techs)
Other Stakeholder	3	To Be Determined
Owner, Facility, or Property Management Assoc.	6	APPA (Association of Physical Plant Administrators of Universities and Colleges); BOMA (Building Owners and Managers Association International); IFMA (International Facility Management Association); IREM (Institute of Real Estate Management); PRSM (Professional Retail Store Maintenance Association); RFMA (Restaurant Facility Management Association)
Publicly Owned Utility	2	LADWP (Los Angeles Department of Water & Power); SMUD (Sacramento Municipal Utility District)
Third Party Quality Assurance	3	Building Commissioning Association; California Commissioning Collaborative; VSPs (Verification Service Providers)
Total Eligible COA Organizations	44	
Total Current COA Organizations	25	
Member Organizations in Bold; Non-Member Organizations in Non-Bold		