

**MINUTES  
GOVERNMENT AFFAIRS COMMITTEE**

**SATURDAY, FEBRUARY 1, 2020 (8:00 AM – 12:30 PM EST)**

**HILTON ORLANDO - ROOM: LAKE FLORENCE (L)  
6001 DESTINATION PARKWAY, ORLANDO, FLORIDA**

Approved on April 22, 2020.

**ATTENDANCE**

**Members Present**

Walid Chakroun, Chair  
Chris Gray  
Larry Fisher  
Michael Bilderbeck  
Sheila Hayter  
William McQuade  
Ross Montgomery  
Andrew Manos  
Robert Hoadley  
Kinga Porst Hydras  
Tim Ashby  
Louis Van Belle  
Matthew Jesson  
Ryan Williams  
Chad Smith  
Andrea Phillips  
Colin Laisure-Pool  
Daryl Collerman  
Eduardo Conghos  
Sam Hui  
Stephen Gill  
Gian Modgil  
Roger Jones  
Dunstan Macauley  
Michael Schwedler

**Members Absent**

Terry Townsend

**Guests**

Doug Cochrane  
David Underwood  
Dan Buuk  
Olu Soluade  
Samantha Slater  
Arturo Thor de Koes  
Thomas Reyes  
Priyank S. Garg  
Aaron Gunzner  
Jeff Whitelaw  
Jeff Benavides  
Dimitris Karatitsos  
John Constantuide  
Bryan Holcomb  
Jim Wolf  
Jeremy Stockmans  
Don Brandt  
Rob Craddock  
Jim Arnold  
Beth Tomlinson  
Robin Bryant  
Jesus Lopez  
Keiron Nannan  
Ayman Eltalouny  
James Curlin  
Rosie Evans  
Meghan McNulty  
Madison Schultz  
Megan Toth  
Nicky Dunbar  
Rudy Nagasimha

**Staff**

Alice Yates  
Patricia Ryan  
Steve Comstock  
Lilas Pratt

## **CALL TO ORDER, WELCOME AND ROLL CALL**

Mr. Chakroun called the meeting to order at 8:00 a.m. EST and welcomed the members. A quorum was present. Mr. Chakroun read the summary of the ASHRAE Code of Ethics.

*In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, integrity and respect for others, and we shall avoid conflicts of interests, and behavior that is discriminatory and/or harassing. (See full Code of Ethics: <https://www.ashrae.org/about/governance/code-of-ethics>)*

## **REVIEW OF AGENDA**

The agenda was accepted as written.

## **APPROVAL OF MINUTES FROM OCTOBER 30, 2019 MEETING**

**MOTION:** To approve the minutes of October 30, 2019 as written.

Motion made by Mr. Laisure-Pool and seconded by Mr. Montgomery.

**MOTION PASSED: APPROVED BY VOICE VOTE (CNV).**

## **UPDATE ON ACTION ITEMS**

Ms. Yates reported that there have been three Action Items, and one is still open. Chair Chakroun ordered that it should be marked as complete, because it is an ongoing task. (See Attachment A.)

## **REPORT FROM ASHRAE GOVERNMENT AFFAIRS OFFICE**

Ms. Yates from the Government Affairs Office reviewed a report of activity from the past 6 months, which highlighted the great work of ASHRAE members, including 34 articles in the Government Affairs Update, an increased number of Government Outreach Days, and meetings in DC by the ASHRAE Senior Officers. Ms. Yates also discussed policy trends and upcoming policy issues of interest to ASHRAE. (See Attachment B.)

## **YEAR-END SUBCOMMITTEE REPORTS AND MBO STATUS REPORTS**

The mid-year subcommittee reports were presented, along with progress made on MBOs assigned to each subcommittee. (See Attachment C.)

### Executive Subcommittee (Mr. Chakroun)

**MBO #4:** Build bridges with intergovernmental organizations to introduce them to ASHRAE as the leading source for technical HVACR information.

Mr. Chakroun reported that ASHRAE is working closely with UNEP and looking for more international organizations to work with.

**MBO #5:** Provide support to chapters outside North America utilizing both the Government Affairs Office in Washington and the Global Training Center in Dubai and the ASHRAE staff office in Europe.

Mr. Chakroun reported that Steve Comstock is working on various government outreach activities, and has been sharing information with GAC.

#### Chapter Letters Concerning Public Policy, Legislation, and Regulations

**MOTION:** That the Manual for Chapter Operations, Section 2.5 “Government Affairs Committee” be revised as shown in the Attachment D to provide clarity for ASHRAE Chapters in communicating with a governmental body.

Motion made by Mr. Chakroun on behalf of Executive Subcommittee (this motion was also approved by the Rules Subcommittee).

**MOTION PASSED: APPROVED BY VOICE VOTE (CNV).**

#### Policy and Programs Subcommittee (Mr. Gill)

**MBO #3:** Identify areas for which ASHRAE can lead proactively in the future.

Mr. Gill reported that refrigerants, resiliency, and targeting jurisdictions that have 2030/2050 climate goals and other energy efficiency goals are areas where ASHRAE can lead proactively. These are in-line with the ASHRAE strategic plan.

Mr. Gill also reported that the subcommittee approved the approach for moving forward on PPIBs, and approved two of them.

**MOTION:** That the PPIBs with the titles below and shown in Attachment E be approved and submitted to the Document Review Subcommittee for review.

*Consensus Standards: Expert Solutions to Meet National Needs*

*Refrigerants and Their Responsible Use*

Motion made by Mr. Gill on behalf of Policy and Programs Subcommittee.

**MOTION PASSED: APPROVED BY VOICE VOTE (CNV).**

Mr. Gill also reported the subcommittee’s recommendations for the remaining PAOEs (Attachment F)

**MOTION:** That the PAOE recommendations shown in Attachment F be approved and submitted to Members Council.

Motion made by Mr. Gill on behalf of Policy and Programs Subcommittee.

**MOTION PASSED: APPROVED BY VOICE VOTE (CNV).**

**Amendment #1 to PAOE Recommendation:** That the PAOE recommendations be modified as shown in Attachment G to ensure that points are assigned by the RVC once a report is delivered to the DC staff.

Motion made by Mr. Williams and seconded by Mr. Smith

**AMENDMENT PASSED: APPROVED BY VOICE VOTE (CNV).**

**AMENDED MOTION:** That the amended PAOE recommendations show be approved and submitted to Members Council.

Motion made by Mr. Fisher and seconded by Mr. Macauley.

**AMENDED MOTION PASSED: APPROVED BY VOICE VOTE (CNV).**

The GAC also discussed that the online portal should be used, and it would be good if the information provided would be populated directly into Fiscal Note.

**ACTION ITEM #1:** Alice will investigate with Fiscal Note staff whether this form can be electronically linked to Fiscal Note. **DUE DATE: BEFORE NEXT GAC MEETING**

**MBO #7:** Develop implementation plan for promoting ASHRAE standards for use in the residential market. For the international audience, promote the *customized* version of 90.2 to be used in different part of the world. Examples: Kuwait and Saudi Arabia .(In cooperation with the Global Affairs Subcommittee)

#### Member Mobilization Subcommittee (Mr. Smith)

Mr. Smith provided a report on his committee's work and progress with respect to MBOs assigned to this subcommittee. The presentation can be found in Attachment C.

**MBO #1:** Contact at least one government entity and collaborate with at least one aligned organization in each region to help in successful government outreach. *(In cooperation with the Global Affairs Subcommittee)*

**MBO #2:** Develop more efficient processes to enable sharing of resources and information with ASHRAE grassroots members to support the Public Policy Priorities and inform government officials in every region across the globe.

**MBO #6:** Develop and implement programs to promote awareness and use of Building EQ (*In cooperation with the Building EQ Committee*)

**MBO #8:** Expand Government Outreach Days/DOTH including development of new training materials to include documents, videos and case studies, and extend to Federal Congressional outreach. Work on model Outreach day including materials specifically targeting outside North America Chapters. (*In cooperation with the Global Affairs Subcommittee*)

**MBO #9:** Develop tool to quickly respond to inquiries to better serve the ASHRAE Members.

MOP Changes to Track Requests

**MOTION:** To revise the MOP to better define how to process requests that come into the DC office. (See Attachment H)

Motion made by the Member Mobilization and Rules Subcommittees.

**MOTION PASSED: APPROVED BY VOICE VOTE (CNV).**

MOP Changes to Reflect Global Scope

**MOTION:** To revise the MOP to reflect the global nature of ASHRAE. (See Attachment I)

Motion made by the Member Mobilization and Rules Subcommittees.

**MOTION PASSED: APPROVED BY VOICE VOTE (CNV).**

Resource Manual Changes to Clarify Government Affairs Award Nomination Process

**MOTION:** To revise the Resource Manual to clarify the process by which nominations are submitted for the Government Affairs Award, including uniformity of the type of information provided to the GAC. (See Attachment J)

Motion made by the Member Mobilization and Rules Subcommittees.

**MOTION PASSED: APPROVED BY VOICE VOTE (CNV).**

Global Affairs Subcommittee (Mr. Conghos)

Mr. Conghos provided a report on his committee's work and progress with respect to MBOs assigned to this subcommittee (See Attachment C.)

**MBO #1:** Contact at least one government entity and collaborate with at least one aligned organization in each region to help in successful government outreach. *(In cooperation with the Member Mobilization Subcommittee)*

**MBO #7:** Develop implementation plan for promoting ASHRAE standards for use in the residential market. For the international audience, promote the *customized* version of 90.2 to be used in different part of the world. Examples: Kuwait and Saudi Arabia. *(In cooperation with the Policy and Programs Subcommittee)*

**MBO #8:** Expand Government Outreach Days/DOTH including development of new training materials to include documents, videos and case studies, and extend to Federal Congressional outreach. Work on model Outreach day including materials specifically targeting outside North America Chapters. *(In cooperation with the Member Mobilization Subcommittee)*

**MOTION:** That GAC select a member to serve as a liaison to the Environmental Health Committee, and that GAC request a liaison from the Environmental Health Committee to the GAC.

This motion was made by the Global Affairs Subcommittee, which noted that the subcommittee approved the motion by voice vote on Jan. 31, 2020.

**MOTION PASSED: APPROVED BY VOICE VOTE (CNV).**

#### Rules Subcommittee

Mr. Chakroun spoke on behalf of Mr. Townsend, who was not present. The work of the subcommittee involved reviewing changes proposed by other subcommittees to documents this subcommittee is responsible for.

#### Nominating Subcommittee

Ms. Hayter reported that the subcommittee has considered all positions for the 2020-2021 year, and she is pleased that they have come up with great recommendations.

### **REPORTS FROM REGIONAL VICE CHAIRS**

(All reports noted below are provided in Attachment K.

#### **Region I**

Mr. Manos reported for Region I.

#### **Region II**

Mr. Hoadley reported for Region II.

**Region III**

Ms. Porst Hydras reported for Region III.

**Region IV**

Mr. Ashby reported for Region IV.

**Region V**

Mr. Van Belle reported for Region V.

**Region VI**

Mr. Jesson reported for Region VI.

**Region VII**

Mr. Williams reported for Region VII.

**Region VIII**

Mr. Smith reported for Region VIII.

**Region IX**

Ms. Phillips reported for Region IX.

**Region X**

Mr. Laisure-Pool reported for Region X.

**Region XI**

Mr. Collerman reported for Region XI.

**Region XII**

Mr. Conghos reported for Region XII.

**Region XIII**

Mr. Hui reported for Region XIII, and noted the critical need for resources from ASHRAE to address the coronavirus.

**ACTION ITEM #2:** Ms. Yates will contact the Tech Council staff liaison for resources on coronavirus, and will then distribute these to the GAC members. DUE DATE: ASAP

**Region XIV**

Mr. Gill reported for Region XIV.

**Region at Large**

Mr. Modgil reported for the Region at Large.

## **GOVERNMENT AFFAIRS AWARD**

An executive session was held to discuss the GAC Award, to be awarded at the Annual Meeting in Austin. The recommendation from GAC will be submitted to Members Council.

## **MOTIONS REFERRED FROM MEMBERS COUNCIL**

**MOTION:** That the Government Affairs Committee send the attached response (Attachment L) to Members Council concerning Motions 24 and 25 from Region XI, Oregon Chapter.

Region XI (Oregon Chapter) – Motion 24 (06/25/2019)

That Society Government Affairs Office write a letter urging the US President to submit the Kigali Amendment to the Montreal Protocol to the US Senate for ratification

Region XI (Oregon Chapter – Motion 25 (06/25/2019)

That Society add “Advocate phaseout of HFC refrigerants in the United States” to the 2019-2020 Public priorities list.

Motion made by Roger Jones and seconded by Tim Ashby.

**MOTION PASSED: Approved by voice vote, with one abstention<sup>1</sup>.**

**MOTION:** That the Government Affairs Committee send the attached response (Attachment M) to Members Council concerning Motions 7c from Region IX, Kansas City.

Region IX (Kansas City – Motion 7c (2019 Fall CRC)

That the candidate requirements for all Regional Vice Chair positions be revised except for the YEA Regional Vice Chair as follows:

“Regional Vice Chairs shall hold Member grade or higher in the Society, shall have been in the grade of Member and in good standing ~~for three years prior to the start of their terms~~.....”

Motion made by Walid Chakroun and seconded by Ryan Williams.

**MOTION PASSED: MOTION APPROVED BY VOICE VOTE**

## **REPORTS**

- a. ExO Report: Mr. Macauley provided the ExO report (Attachment N).

---

<sup>1</sup> Colin Laisure-Pool, RVC for Region X.



- b. Communications Coordinator Report: Mr. Jones reported that the next report will be published in February.

### **REPORTS FROM COMMITTEE LIAISONS**

- a. Building EQ Committee: Mr. Underwood presented a report from the Building EQ committee (see Attachment O), and explained that the university course is being updated and will be presented to chapters through APPA.
- b. Residential Committee: A report was provided from the committee (Attachment P)

**ACTION ITEM #3:** Ms. Yates will distribute the Residential Report to all GAC members.  
DUE DATE: ASAP

- c. YEA Committee: A report was provided by Ms. Madison Schultz
- d. Student Activities Committee: A report was provided by Ms. Megan Tosh, Vice Chair. Ms. Hayter also encouraged Ms. Tosh to let her committee and other students know about the WISE program, and that applications are due this weekend.

### **GUEST INTRODUCTIONS**

#### Orange County, Florida – Chief Sustainability and Resilience Officer

Due to meeting scheduling issues, although Mr. Jeff Benavides attended the GAC meeting, he was not available to provide a report because he had another obligation.

#### UNEP

Mr. Ayman Eltalouny, International Partnerships Coordinator, OzonAction Programme, and Steve Comstock provided an overview of ASHRAE’s activity with UNEP.

#### Cooling as a Service (CaaS)

Mr. Dimitris Karamitsos, Senior Energy Efficiency Business Developer provided an introduction to cooling as a service.

#### AIA

Mr. Dan Buuck, Senior Director of Codes and Standards introduced himself, and described AIA’s activities and how ASHRAE can work with AIA on advocacy efforts. He encouraged GAC members to reach out to the regional offices to increase momentum for advocacy.

#### AHRI

Ms. Samantha Slater, Vice President of Government Affairs introduced herself and distributed information on legislation that would phase-down HFCs in the U.S.

**OTHER BUSINESS**

New GAC Business Cards for Committee Members

Ms. Ryan distributed newly designed GAC business cards to all members.

**NEXT COMMITTEE MEETING**

Mr. Chakroun stated that the next committee meeting would be held by go-to meeting sometime in the spring.

**ADJOURN**

Mr. Chakroun adjourned the meeting at 12:24 p.m.

Respectfully submitted,  
Alice M. Yates, Staff Liaison



**ACTION ITEMS**  
**GOVERNMENT AFFAIRS COMMITTEE**

**Last Updated: January 28, 2020**

#	Action	Assigned To	Due Date	Status	C/O
1	Compile lessons learned from GAC members regarding what has been helpful for engaging Chapter Chairs, and for getting members to serve in the GAC Chair positions.	Chad Smith (Member Mobilization)	Next Committee Meeting	Work is ongoing.	O
2	Evaluate naming a GAC liaison to the YEA Committee.	Walid Chakroun	Next GAC meeting	This will be Walid's appointment to make for SY19-20.  June 12, 2019 -Appointment letter sent to Sheila Hayter.  June 13, 2019 – Hayter accepted.	C
3	Work with the Marketing Department to make revisions discussed at the October 30, 2019 GAC meeting to the draft GAC Business Card.	Alice Yates	Winter Meeting	Revisions made, and business cards will be distributed to GAC Members at the Winter Meeting.	C

## **POLICY AND PROGRAMS SUBCOMMITTEE REPORT**

The Policy and Programs Subcommittee has met two times in SY 19-20. The first meeting took place on January 8, 2020 and the second meeting took place at ASHRAE's Winter Meeting in Orlando, Florida. The subcommittee expects to be a lot more active going forward.

The Subcommittee has two MBOs assign to it for this Society Year:

- MBO #3: Identify areas for which ASHRAE can lead proactively in the future. The Subcommittee has identified three areas in which ASHRAE can lead proactively in the future. They include:
  - Resilience
  - Next generation refrigerants and low-GWP refrigerants
  - Targeting jurisdictions that have 2030/2050 climate goals, and other energy efficiency goals (such as building benchmarking requirements)
  
- MBO #7: Develop implementation plan for promoting ASHRAE standards for use in the residential market. For the international audience, promote the customized version of 90.2 to be used in different part of the world. Examples: Kuwait and Saudi Arabia.
  - This MBO is also assigned to the Global Affairs Subcommittee. At this time, they have not made any recommendations on additional resources that are needed.

The PPIBs have also been discussed and reviewed. Subcommittee members made recommendations at the Winter Meeting.

Additionally, the Policy and Programs Subcommittee must review the PAOE criteria. As part of this effort, the Policy and Programs Subcommittee voted to change GA8 to include a requirement for reporting government outreach. GAC's Policy and Programs Subcommittee also reviewed the proposed PAOE recommendations from President-Elect Chuck Gullledge during their meeting on January 8, 2020. The subcommittee agreed that several of the PAOEs mentioned in the recommendations were not duplicates and decided to make no modifications based on that list.



# Member Mobilization Subcommittee Report

Chad Smith

# Member Mobilization Subcommittee SY 19-20

- This is the 5<sup>th</sup> meeting of the Member Mobilization Subcommittee this Society year.
- The Subcommittee is primarily tasked with responding to government officials on public policy matters, identifying opportunities for action alerts, reporting on ongoing public policy projects, recommending areas for improvement on public policy engagement, and recognizing emerging public policy issues.



# Member Mobilization Subcommittee – MBOs

MBO	Status
<p>MBO #1: Contact at least one government entity and collaborate with at least one aligned organization in each region. <i>(with Global Affairs)</i></p>	<p>Mr. Collerman and Mr. Conghos are developing a list of organizations by region. They are working in conjunction with the Global Affairs subcommittee to coordinate efforts. Currently, about half the regions have held events or planned.</p>

# Member Mobilization Subcommittee – MBOs

MBO	Status
<p>MBO #2: Develop more efficient processes to enable sharing of resources and information with ASHRAE grassroots members to support the Public Policy Priorities and inform government officials in every region across the globe.</p>	<p>Mr. William, Mr. Jesson, Mr. Smith, and Mr. Collerman have worked with ASHRAE staff to update the all of the GAC webpages. Several updates have been coordinated with the marketing group, but waiting on a few more edits to get all the changes pushed to the website at one time. The pages will be more consistent, concise and navigable, making it easier to ASHRAE members and government officials to find the resources that they need.</p>



# Member Mobilization Subcommittee – MBOs

MBO	Status
<p>MBO #6: Develop and implement programs to promote awareness and use of Building EQ (in cooperation with the Building EQ Committee).</p>	<p>A Survey went out in August to RVCs looking for feedback related to Building EQ adoption. Six RVCs responded to the survey.</p> <p>The survey highlighted possible areas for outreach, as well as areas to assess for improvements. A common concern was that Building EQ is not well known and that states and localities are using EnergySTAR, because governments know it and it is free.</p> <p>As a result of the survey, Mr. Townsend and Mr. Laisure-Pool are working with the Building EQ Committee to develop Building EQ materials tailored for government officials. These materials are expected to assist RVCs with the education gap. The first draft of a quick fact sheet has been created and is being reviewed by GAC.</p>

# Member Mobilization Subcommittee – MBOs

MBO	Status
<p>MBO #8: Expand Government Outreach Days / DOTH including development of new training materials to include documents, videos and case studies, and extend Federal Congressional outreach. Work on model Outreach Day including materials specifically targeting outside North America Chapters.</p>	<p>Mr. Smith and Mr. Williams spearheaded the website overhaul and provided recommendations for ways to streamline the site.</p> <p>Mr. Smith and Mr. Williams are currently in the process of updating materials related to Developing a Successful Day on the Hill, which is anticipated to be completed by the end of the calendar year.</p> <p>Additionally, Mr. Smith and Mr. Williams have begun brainstorming what resources would be most helpful to assist ASHRAE members as they film footage from their Days on the Hill, and FAQs for Chapters about what pictures and interviews to consider including. We are reaching out to marketing to get specific direction on video footage needed to produce an updated promotional video this year.</p>

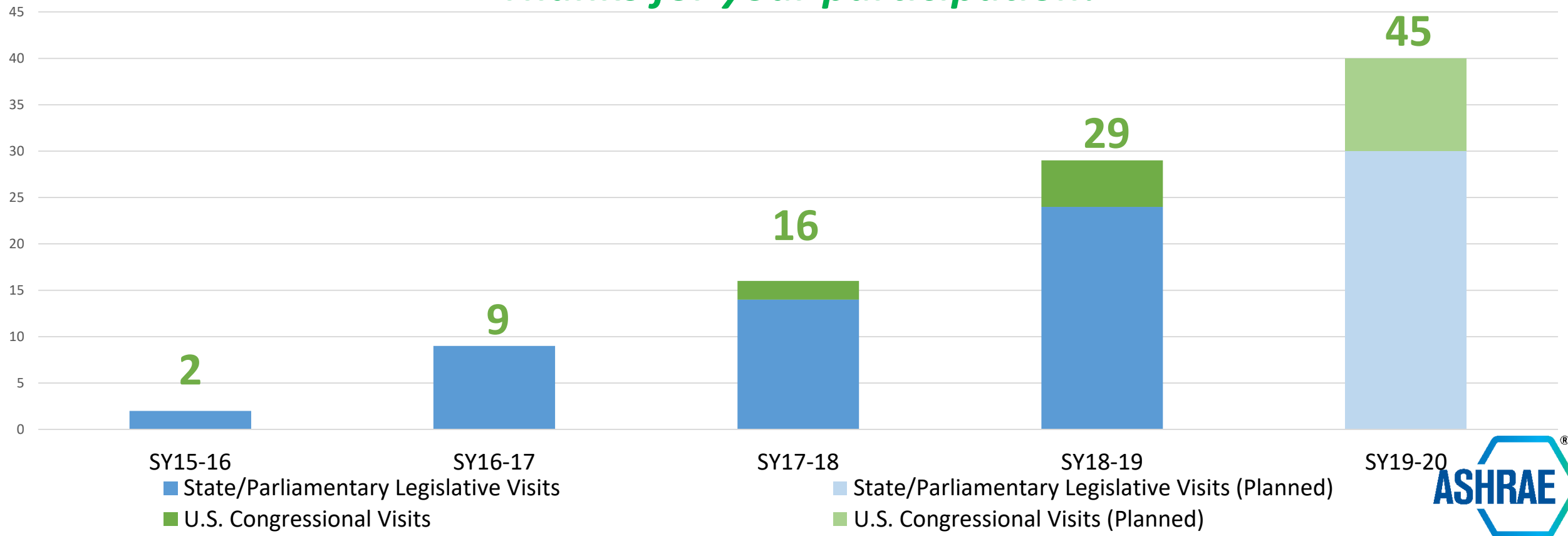
# Member Mobilization Subcommittee – MBOs

MBO	Status
<p>MBO #9: Develop tool to quickly respond to inquiries to better serve the ASHRAE Members.</p>	<p><a href="mailto:GovAffairs@ashrae.org">GovAffairs@ashrae.org</a> has been better profiled on the website and some inquiries recently have come in.</p> <p>Recommended edits to the current documented process have been created and submitted for review and the winter meeting to be forwarded on through proper channels for approval and adoption.</p>

# Government Outreach Days – All Levels

Visits to elected officials are growing!

*Thanks for your participation!*



# Government Outreach Day – 2019 – 2020 Progress

	GOAL	SCHEDULED	PLANNED	COMPLETED	DELTA
CITY/LOCAL	10	0	1	8	-1
STATE	20	5	12	3	0
FEDERAL	10	0	2	3	-5
GLOBAL	5	1	1	2	-1
<b>TOTAL</b>	<b>45</b>	10	16	10	<b>-8</b>

# Government Outreach Days: 2019 – 2020



HELD	SCHEDULED	PLANNED but UNSCHEDULED	Targeted	
La Crosse, WI (September 5)	Iowa (February 24)	North Carolina	Colorado	Tennessee
Melbourne City, FL (September 20)	Minnesota (March 11)	South Carolina	Indiana	Utah
Brevard County, FL (September 23)	Idaho	Georgia	Kentucky	Washington
Vancouver, BC (October 16)	California (April 2)	Florida	Louisiana	Alberta
Chesterfield County, VA (October 23)	Arizona (April 9)	Virginia	Michigan	Ontario
El Paso, TX (November 19)	Oklahoma (Feb 25)	New York	Nebraska	Saskatchewan
Fort Bliss, TX (November 19)		Missouri	New Mexico	
Dona Ana County, TX (November 20)		Illinois	Ohio	
Massachusetts (December 10)		Wisconsin	Pennsylvania	
New Jersey (December 16)		Arkansas	Puerto Rico	
Maryland (January 10)			South Dakota	



# Government Outreach Days - Next Steps

With Government Outreach Days expanding and more events occurring on the local or global level, subcommittee is evaluating the best way to “count” this outreach going forward.

1. Develop recommendation on how to count Days on the Hill vs. Local Outreach vs. Federal Outreach vs. Global Outreach.
2. Implement new system for Society Year 2020 – 2021.
3. Incorporate the new criteria into PAOE recommendations for 2020-2021



# Member Involvement In Public Meetings

1. We have had several chapters reporting member involved in public meetings dealing with various issues regarding code adoptions and updates, professional licensing, public health and life safety issues.
2. We have also had legislation being introduced into upcoming state legislative sessions as a result of chapter members involvement coordinating with elected officials.







Thank you!

Questions?



# Global Affairs Subcommittee Report

Dr. Eduardo Jose Conghos



# Global Affairs Subcommittee – Responsibilities

1. Developing strategies to promote and grow activities that reflect the global nature of the Society;
2. Identifying best practices for government outreach outside of the U.S. so that chapters can successfully promote the Public Policy Priorities internationally and build connections with government officials, institutions, non-governmental organizations, and private parties;
3. Monitor key public policy needs of government officials and policy makers internationally concerning the built environment, and make recommendations for responding to these issues;
4. Provide regular reports to the GAC on global outreach activities.



# GASC MBOs

MBO #1 – Contact at least one government entity and collaborate with at least one aligned organization in each region to help in successful government outreach.

- Online reporting form has been created to make government outreach easier to record.
- Outreach outside North America is now being tracked with Federal and State DOTH.
- 7 events/meetings with government officials has been reported and 2 more are scheduled.



# GASC MBOs

MBO #7 – Develop implementation plan for promoting ASHRAE standards for use in the residential market. For the international audience, promote the *customized* version of 90.2 to be used in different part of the world. Examples: Kuwait and Saudi Arabia.

- During a GASC meeting, Walid outlined his experience with 90.2.
- Gian Modgil has been promoting a customize version of 90.2 and the Mumbai Chapter has been promoting a customized version of 188.
- Still working to identify additional material that would be helpful for this type of outreach.



# GASC MBOs

MBO #8 – Expand Government Outreach Days/DOTH including development of new training materials to include documents, videos and case studies, and extend to Federal Congressional outreach. Work on model Outreach day including materials specifically targeting outside North America Chapters.

- A general presentation has been created to providing training to ASHRAE chapters outside North America.
- The Subcommittee has discussed translating certain handouts into local languages.
- The Subcommittee is tracking annual events and key themes to help with this MBO moving forward.



# Global Affairs Tracking

- 7 Government Outreach Events have been reported in SY 19-20 and 2 more have been scheduled.
- At the 2019 Summer Meeting, it was decided that Subcommittee members that they will provide updates on activities in their region. These reports have helped with discussions on challenges ASHRAE members are facing in different regions and their success stories.
- This information has been included in a chart organized by region. It includes:
  - Best Practices
  - Lessons Learned
  - Keywords/Trends
  - Organizations
  - Standards Adopted
  - Outcomes



# Global Affairs Tracking

Region	Best Practices	Lessons Learned	Keywords	Events	Organizations	Standards Adopted	Outcome
II		Need more documentation in local languages	Climate Change Legionella (Moncton, NB, Canada)		1. Efficiency Canada, Codes Canada 2. Detroit 2030 Districts 3. New Brunswick Smart Grid Innovation Network		
VIII	Engage with Universities (MX), Collaborate with the Department of Energy Partner with industry "Clusters". Various companies sponsor panel discussions, events and summit meetings	Several building owners are seeking building certifications, Universities receive gov funding, and both faculty and graduates secure most gov jobs. This connects chapters with decision makers early Govt limited on resources. Trying to piggyback existing standards and get any kind of assistance from ASHRAE is well received Minimal cost to chapter, cluster group funds, chapters just provide the educational content			Department of Energy for national, Office of Sustainability, Energy Cluster, Manufacturing Cluster, Construction Cluster, Women in Energy Cluster	NOM 20, Mexico's version of the 90.1 standard, Many references to the standard are included in NOM 20	
XI	Reach out to, and engage with, City or County Building Policy Engineer, and other Key City or County Building Officials		Legionella (Vancouver, Canada)	Canadian Annual Day on the Hill event in Ottawa Annual Dinner to Discuss Issues (Legionella)	City Of Vancouver	Working on getting Standard 188 adopted	
XII	Engage with Universities (Arg.) Work with Code/Standardization bodies (Brazil)		Resiliency Energy Efficiency Climate Change	27th World Congress of Architects (July 2020 - Brazil)	ARGENTINA GREEN BUILDING COUNCIL UNIVERSIDAD TECNOLOGICA NACIONAL - Buenos Aires CITY UNIVERSIDAD TECNOLOGICA NACIONAL - Avellaneda CITY AADIH - Argentine Association of Hospital Architecture and Engineering ASOCIACION DEL FRIO (Ashrae Memeber)	Brazil adopted most of 90.1 in their national code. It was translated.	
XIII	[Malaysia] Seminars & discussions with the Department of Environment on alternative refrigerants and refrigerant applications.	Able to exchange ideas with government bodies & industrial stakeholders.	Refrigerants; Montreal Protocol	Ozone Day 2019 (24 Sep 2019); National Survey of Non-ODS Alternatives (24 Jul 2019)	Department of Environment, Malaysia	Related standards: 15 & 34	Update on the Kigali Agreement & promotion of ASHRAE standards
XIV			Resiliency Clean Cooling/Energy				
Region-at-Large		ASHRAE members need to be trained on how to introduce ASHRAE. Interest in ASHRAE Training (India)	Legionella (Goa, India) Energy Efficiency Climate Change	1. ASHRAE's Mumbai Chapter Chair Meets with Policymakers in Goa, India (August 01, 2019) 2. Western India Chapter Members Discuss ASHRAE Resources with Policymakers (August 15, 2019) 3. Articles Highlight Threat of Legionella in Goa, India (August 21, 2019) 4. UNIDO and ASHRAE Members Choose Winners of the 'Innovation Challenge in Space Conditioning' Competition (September 05, 2019) 5. Training for RAL GA Chairs at CRC 2019 at Amman, Jordan 6. ASHRAE Members Meet with Policymakers in India at a Workshop on Affordable Heating and Cooling of Buildings (November 06, 2019) 7. ASHRAE's 7th International Conference on Energy Research and Development in Kuwait (November 19-21, 2019) 8. Goa India Day on the Hill; ASHRAE members from Mumbai Chapter with Gian Modgil RVC GA, Kanraj ARVC GA and Priyank Garg AIC Chair GA met Deputy Chief Minister Goa in the Assembly (January 13, 2020)	1. Government of Goa India 2. Government of Gujarat India 3. Goan Newspaper 4. United Nations Industrial Development Organisation 5. ASHRAE Amman, Jordan - CRC 2019 6. Mission Innovation Governments of India, United Arab Emirates, the United Kingdom, and the European Commission. 7. Ministry of Education Kuwait 8. Deputy Chief Minister, Government of Goa	Kuwait and KSA - 90.2	Residential Standard based on ASHRAE 90.2 Associated with UNIDO for Facility for Low Carbon Deployment Connected with Goa Legislative Assembly for adoption of ASHRAE Standard 188
Global (ASHRAE)				2019 United Nations Climate Change Conference - COP25 (December 2019 - Chile)	United Nations G-20		







Thank you!

Questions?

## Possible MOTION ON CHAPTER COMMUNICATIONS WITH GOVERNMENT BODIES

**MOTION:** That the Manual for Chapter Operations be revised as shown below to provide clarity for ASHRAE Chapters in communicating with a governmental body.

### 2.5 Government Affairs Committee

- I. If approved by the BOG, assisting a governmental body in writing or developing a regulation, a code, an ordinance or law, including through issuing a letter or providing written or verbal testimony concerning such matter, or participating in an advisory group to such a body, provided such activity:
  - i. Does not conflict with Society or chapter bylaws, or Society-approved documents or publications;
  - ii. Involves technical or method-of enforcement aspects only, and not support of a political party or candidate;
  - iii. Does not jeopardize the chapter's tax status (e.g., 501(c)(3) tax status in the United States) or cause the chapter or a chapter member to exceed local, provincial or state limits regarding registration as a "lobbyist" or "lobbying organization;"
  - iv. Chapter shall review the state legislation prior to engage in any lobbying effort, time expander or in-kind gifts. National Conference of State Legislatures web site reference links to state's legislative ethics and lobbying laws: <http://www.ncsl.org/research/ethics/50-state-legislative-ethics-and-lobbying-laws.aspx#a>; Any Federal Government lobbying activities must be coordinated strictly through the ASHRAE Government Affairs Office; this is to ensure proper preservation of the IRS 501(c)(3) status.

See Appendix 2N for the list of links for each U.S. state.

- v. Chapters to contact the ASHRAE Government Affairs Office staff liaison and the appropriate GAC Regional Vice Chair (RVC) prior to engaging in any lobbying activities in order to mitigate any potential issues that might arise. This is to conform with the "Chapter cannot speak for Society" policy. In addition, staff and/or the RVC may recommend other chapters join in sending a letter or providing testimony, and/or issue a letter or provide testimony from ASHRAE Society.
- vi. Does not conflict with any existing Memorandum of Understanding or contractual obligation between ASHRAE and another code or standards writing organization; and
- vii. The member does not request any travel or transportation reimbursement (as defined by the ASHRAE Travel Policy), nor any reimbursement for time away from their regular employment, for the activity.

Note: All responses and recommendations to governmental advisory boards or agencies shall promote ASHRAE's mission to advance the arts and sciences of heating, refrigerating, air conditioning and ventilating, and the allied arts and sciences, for the

benefit of the general public, and should, wherever feasible, be based upon current Society Board-approved documents or publications (e.g., Position Documents, ASHRAE Standards, ASHRAE Handbooks, etc.). Where such policy information is not clear, readily available, or applicable to the Chapter's climate or jurisdiction, the Chapter GAC chair shall request input from the Government Affairs Committee and the ASHRAE Government Affairs Office staff liaison.

**BACKGROUND:**

Government officials and bodies, especially those serving in an elected position, will often pay more attention to communication provided by, and sent from those individuals and/or organizations who are constituents and/or local residents. For this reason, letters sent by ASHRAE Chapters can be a more powerful communication tool. The Manual for Chapter Operations<sup>1</sup> includes a section on Government-Related Chapter Communications; however, it does not provide any specificity with respect to writing letters to governmental bodies, or providing testimony on policy, legislative, or regulatory matters.

**FISCAL IMPACT: NONE**

---

<sup>1</sup> Note the Manual is only a guide, and not a governing document.



Shaping Tomorrow's  
Built Environment Today

## **CONSENSUS STANDARDS: EXPERT SOLUTIONS TO MEET GLOBAL NEEDS**

### **THE ISSUE**

Voluntary consensus standards developed by private organizations are essential for a sound global economy and to facilitate global commerce. Standards foster building technology innovation by providing a transparent baseline and needed metrics for assessing how that technology can impact building design and performance. They are necessary for comparing technologies in the expanding global marketplace. U.S. Federal policy recognizes the value of voluntary consensus standards by requiring their use in regulations when consistent with agency policy and appropriate for agency purposes.<sup>1</sup>

Voluntary consensus standards are developed through the participation of any and all interested and affected stakeholders including manufacturers, users, advocacy organizations and representatives of government and academia. Standards accreditors such as the American National Standards Institute (ANSI), the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) follow several principles such as including consensus, openness, balance, transparency and due process, and ensure that designated standards development organizations follow these principles and processes.

Copyright protection of voluntary consensus standards is critical to the continuation of the development and maintenance of standards. Without copyright protection for standards, resource-limited government agencies would have to undertake the difficult and expensive task of replicating the system of standards development organizations, or the standards-development process would be put into the hands of regulated parties with uncertain outcomes.

### **ASHRAE's ROLE**

ASHRAE develops and publishes robust standards; many of which are adopted into building codes. ASHRAE standards establish recommended practice in the areas of indoor air quality, energy conservation and management, building water systems, high-performance buildings and others. ASHRAE's standard development process is rigorous, and it is one of only six standards-developing organizations in the U.S. that can self-certify that its standards have followed ANSI's procedures. ASHRAE also serves on U.S. Technical Advisory Groups (TAGS) for ISO Committees and in the role of international secretariat for ISO Technical Committees to help ensure that ASHRAE views are represented. These standards are supported by technical committees that develop publications and educational materials to assist in the application of ASHRAE standards.

---

<sup>1</sup> The National Technology Transfer and Advancement Act of 1995 (P.L. 104-113) (NTTAA) and OMB Circular A-119



Shaping Tomorrow's  
Built Environment Today

### **ASHRAE's VIEW**

Use of voluntary consensus standards at all levels of government are a benefit to society. For this reason:

- Government entities should continue to support voluntary consensus standards in laws and regulations, which will protect public health and safety, improve commerce and save taxpayers money.
- Agencies should work with standards developers and industry to identify situations where societal interests could be addressed through the use of voluntary consensus standards and work together for common solutions.
- Governments should continue to foster and support the unique character and strengths of the public-private partnership in standards development as they pursue trade and other international agreements, regulatory harmonization and legislative and regulatory approaches.
- Governments should support policies, both domestically and internationally, which ensure the continued ownership and control of the copyrights and trademarks of standards developers.
- Government agencies should increase participation in the development of voluntary consensus standards, by encouraging government experts to participate, through release time and expenses incurred.



Shaping Tomorrow's  
Built Environment Today

## REFRIGERANTS AND THEIR RESPONSIBLE USE

### THE ISSUE

ASHRAE promotes the responsible use of refrigerants during the processes of design, manufacturing, operation and servicing of systems, as well as proper management at the end of equipment life. However, choosing a refrigerant for a given HVAC&R application has become increasingly complex due to their direct and indirect environmental impacts in addition to societal implications they may have based on performance, cost-effectiveness and safety of employees and the public.

Since the implementation of the 1987 Montreal Protocol, and the Kigali Amendment to the Protocol in 2016, transitions to lower global warming potential (GWP) refrigerants are on the rise. This has led to an increase in the development and utilization of flammable refrigerant options that have low-GWP characteristics to meet targets. As a result, safety standards need to be reassessed and updated to reflect the increasing interest in flammable or mildly flammable working fluids.

### ASHRAE's ROLE

With its technical expertise, ASHRAE plays a key role in guiding the choices that must be made for the management of new refrigerants due to the environmental and societal consequences posed by refrigerant management. ASHRAE contributed to the successful effort to phase out ozone depleting refrigerants, and it has a significant role in encouraging the proper and safe use of refrigerants going forward. ASHRAE develops voluntary standards and guidelines governing the application and use of all types of refrigerants. These technical requirements are being adopted into various codes and regulations.

As governments commit to using lower GWP refrigerants, ASHRAE wants to ensure the safe application of these refrigerants, including through the adoption of ASHRAE Standard 15, *Safety Standard for Refrigeration Systems*, and Standard 34, *Designation and Classification of Refrigerants*. Recent updates to these standards were made following a \$5.2 million research program, with financial contributions from DOE (\$3 million), ASHRAE (\$1.2 million) and AHRI (\$1 million), as part of an ongoing global effort to phase out the use of high-GWP refrigerants and identify appropriate climate-friendly alternatives.

### ASHRAE's VIEW

ASHRAE believes the selection of refrigerants and their operating systems should be based on a holistic analysis of multiple criteria. These criteria include energy efficiency and performance attributes, environmental impacts, employee and public safety and economic considerations.

To limit impacts on the environment, emissions of refrigerants should be reduced through research, education, improved design, manufacturing/construction of equipment, field commissioning, maintenance procedures, decommissioning and enforcement of applicable standards and regulations.

ASHRAE Government Affairs Office 1255 23<sup>rd</sup> Street NW, Suite 825, Washington, DC 20037  
Tel: 202.833.1830 | [ashrae.org](http://ashrae.org)

Expires 7/2020



Shaping Tomorrow's  
Built Environment Today

ASHRAE is committed to a leadership role in reducing climate change contributed to by building systems and responding to climate change experienced in the built environment. As part of this effort, ASHRAE supports the global phasedown of the production and consumption of refrigerants that are high-GWP HFCs, including through legislation, regulations, and policy.

Commented [YA1]: VERBATIM from Climate Change PD

Where possible, refrigerants should be safely recovered for reuse, recycle, reclamation or destruction during service or at the end of the life of the equipment. Refrigerant inventory and management programs should be implemented to closely track refrigerant use.

ASHRAE encourages and supports ongoing efforts to develop new refrigerants and improve the application of existing refrigerants to meet these criteria.

## RECOMMENDATIONS FOR PAOE POINTS

**MOTION:** To approve the following recommendations to the PAOE Points as shown below:

GA 1. Keep as is.

GA 2. Keep as is.

GA 3. GAC recommends adding the following language (in red):  
For establishing and annually updating a list of **relevant** government officials (at any level of government relevant to **environmental agencies, buildings, engineering or construction, including building officials, school system facility staff, state energy code officials, etc.)** along with their contact information. (List must be sent to RVC by December 15 or date assigned by RVC)

GA 4. Keep as is.

GA 5. Keep as is.

GA 6. Keep as is.

GA 7. Keep as is.

GA 8. GAC recommends adding the following language (in red):  
“For each documented personal contact (meeting) by a chapter member with government officials (at any level of government relevant to buildings, engineering or construction, including building officials, school system facility staff, state energy code officials, etc.) with the goal of promoting ASHRAE related subjects or Chapter goals and objectives, with notification **and a formal submit a record via the online portal statement note-report** sent to the ASHRAE Government Affairs Office (Points doubled if the chapter promotes current or recently updated ASHRAE Standards, ASHRAE certifications or Building EQ) (50 points for staff level meeting and 100 points for elected/appointed official meeting) **(Points will only be given once a report is submitted to the ASHRAE Government Affairs Office).”**

**This could be more effort than other categories, and GAC recommends a greater number of points in this category (a minimum of 100 points with 200 points for the elected/appointed official meeting), with reductions in other categories.**



- GA 9. GAC recommends adding the following language (in red):  
“For each **action or activity that commemorates or promotes** National Engineers’ Week or non-US equivalent activity that promotes Engineering, **World Refrigeration Day, World Standards Day or other national/global events.**”
- GA 10. GAC recommends the following changes (in red):  
“For promotion of ASHRAE certification programs through personal presentations or newsletters with **government-elected** officials and **engineers government agencies.**”
- GA 11. GAC recommends deleting GA 11:  
~~For maintaining a current listing of local and state Energy code(s) for entities within chapter area; include contacts for people managing the Energy Code(s)~~
- GA 12. Keep as is.
- GA 13. Keep as is.
- GA 14. Keep as is.
- GA 15. Keep as is.
- GA 16. Keep as is.
- GA 17. Keep as is.
- GA 18. GAC recommends combining GA 18 with GA 20 by adding the following language (in red):  
“For chapter interaction with **energy code officials and/or** local or state government to advocate for **ASHRAE Standards and Certifications** related to buildings, engineering or construction. The total points shall be determined by the RVC based on effort”
- GA 19. Keep as is
- GA 20. GAC recommends deleting GA 20.  
~~For each GAC meeting to promote using an Energy Code based on ASHRAE standards with Energy Code contacts; must report to RVC~~

## RECOMMENDATIONS FOR PAOE POINTS

**MOTION:** To approve the following amended recommendations to the PAOE Points as shown below:

Below are the GAC recommended revisions to the PAOE criteria. These were approved by the full committee on February 2, 2020.

GA 1. Keep as is.

GA 2. Keep as is.

GA 3. GAC recommends adding the following language (in red):  
For establishing and annually updating a list of **relevant** government officials (at any level of government relevant to **environmental agencies**, buildings, engineering or construction, including building officials, school system facility staff, state energy code officials, etc.) along with their contact information. (List must be sent to RVC by December 15 or date assigned by RVC)

GA 4. Keep as is.

GA 5. Keep as is.

GA 6. Keep as is.

GA 7. Keep as is.

GA 8. GAC recommends adding the following language (in red):  
“For each documented personal contact (meeting) by a chapter member with government officials (at any level of government relevant to buildings, engineering or construction, including building officials, school system facility staff, state energy code officials, etc.) with the goal of promoting ASHRAE related subjects or Chapter goals and objectives, with notification **and submit a record via the online portal** sent to the ASHRAE Government Affairs Office. (Points doubled if the chapter promotes current or recently updated ASHRAE Standards, ASHRAE certifications or Building EQ.) **Points will only be given once a report is submitted to the ASHRAE Government Affairs Office. Points will be assigned by the RVC, once the report is submitted to the Government Affairs Office.** (50 points for staff level meeting and 100 points for elected/appointed official meeting)

***Because this activity could be more effort than other categories, the GAC also recommends a greater number of points in this category (a minimum***

*of 100 points with 200 points for the elected/appointed official meeting), with reductions in other categories.*

GA 9. GAC recommends adding the following language (in red):

“For each **action or activity that commemorates or promotes** National Engineers’ Week or non-US equivalent activity that promotes Engineering, **World Refrigeration Day, World Standards Day or other national/global events.**”

GA 10. GAC recommends the following changes (in red):

“For promotion of ASHRAE certification programs through personal presentations or newsletters with **government-elected-officials and engineers government agencies.**”

GA 11. GAC recommends deleting GA 11:

~~For maintaining a current listing of local and state Energy code(s) for entities within chapter area; include contacts for people managing the Energy Code(s)~~

GA 12. Keep as is.

GA 13. Keep as is.

GA 14. Keep as is.

GA 15. Keep as is.

GA 16. Keep as is.

GA 17. Keep as is.

GA 18. GAC recommends combining GA 18 with GA 20 by adding the following language (in red):

“For chapter interaction with **energy code officials and/or** local or state government to advocate for **ASHRAE Standards and Certifications** related to buildings, engineering or construction. The total points shall be determined by the RVC based on effort”

GA 19. Keep as is

GA 20. GAC recommends deleting GA 20.

~~For each GAC meeting to promote using an Energy Code based on ASHRAE standards with Energy Code contacts; must report to RVC~~



Shaping Tomorrow's  
Built Environment Today

# Government Affairs Committee Manual of Procedures

**Approved by Grassroots Government Advocacy Committee on January 11, 2019 and accepted by Members Council on January 15, 2019.**

## **Staff Liaisons**

The staff liaisons shall assist in carrying out Committee duties, including:

1. Generate, submit for approval to the Chair, and distribute meeting minutes within 10 business days after Committee meetings.
2. Distribute other supporting documents to Committee members in a timely manner.
3. Assist the Chair in preparation of timely, informative reports to the Members Council and the BOD.
4. Welcome new members appointed to this Committee and send them copies of the current Committee roster, MOP, minutes of the past Committee meetings, and other pertinent information, as applicable.
5. Assist the Vice Chair with generating the Committee's budget and four-year plan.
6. Maintain a copy of accounting records and financial statements for the Committee.
7. Process appropriate transportation reimbursement requests for Committee members.
8. Support the Committee in carrying out Strategic Plan Objectives (SPO's).
9. Update this Committee's MOP as directed by the Committee.
10. Update and process materials for this Committee's workshops at CRC's.
11. Assist in the preparation of materials for training incoming Committee members.
12. Assist the Chair in conducting training of Committee members at the Annual Meeting and the Winter Conference, and in qualifying Committee members to provide training at CRC Workshops and Chapter events.
13. Respond to inquiries from Chapters regarding this Committee's activities.
14. Assist the Communications Coordinator, the Vice Chair, and ASHRAE IT staff with maintaining a website whereby the membership of ASHRAE can readily obtain information regarding grassroots government activities in any geographical location where ASHRAE has a presence.
15. Provide support for this Committee's Government Affairs Awards Program, coordinate notifications, transportation to the Society Meeting, and Society notification to award winners.
16. Provide information and appropriate contact with government agencies in support of Committee grassroots government activities.
17. Provide administrative support for this Committee's programs.

18. Coordinate update of website per this Committee's directives.

19. Offer public policy updates and guidance to the Committee on:

- a. **Summary of recent grassroots government activities (as informed by the Society's Public Policy Priorities).**
- b. Trends relative to such priorities at the grassroots government level.
- c. Existing or potential collaboration with partnering policy organizations.
- d. **Summary of recent requests for input from ASHRAE's GA team, requests for ASHRAE GA action for specific issues being addressed at national, sub national, and local government levels, and the actions that were taken (or not taken) to respond to these requests.**

The Chair shall appoint Committee members to each Subcommittee annually. Subcommittee members may include voting members of this Committee and individuals with specific and relevant experience needed on each Subcommittee.

The Chair of this Committee shall form Subcommittees to conduct the business of the Committee in a practical and efficient manner. As conditions change, standing Subcommittees may be dissolved. The Chair may also form ad-hoc Subcommittees as needed.

Subcommittee members are appointed for a period of one year and may be reappointed by the incoming Chair.

Standing Subcommittee membership and responsibilities are assigned as follows:

**a. Executive**

The Executive Subcommittee (ES) consists of the Chair, Vice Chair, Subcommittee Chairs, Communications Coordinator, Representative of Tech Council, Representative of Members Council, Representative of PubEd Council, Consultants and the BOD ExOs.

Responsibilities of the Executive Subcommittee shall include:

1. Develop the proposed yearly Public Policy Priorities for the Society.
2. Develop and monitor the Committee's MBOs.
3. Develop budgets and monitors Committee expenses.
4. Review and approve requests for action alerts.
  - a. Action alerts are requests to the membership to support an active issue such as pending action on a bill affecting indoor environment.
  - b. Requests for action alerts may be proposed or initiated by individuals or groups within or outside GAC.
  - c. When a request for an action alert is received, ES shall make a preliminary judgment as to whether it is necessary and supported by an approved position of the Society.
  - d. If an action alert request is deemed necessary and supported by approved positions of ASHRAE, and if ES agrees that an alert should be issued, timely concurrence from Society Executive Committee will be sought by the Coordinating Officer.

- e. If an action alert is found to lack support in approved ASHRAE positions and if ES believes an alert should be issued, the Coordinating Officer shall, in a timely manner, seek a supporting position from Society Executive Committee and report it to ES for further consideration.
5. Review and approve requests for input and/or support for specific issues being addressed at national, sub national, and local government levels.
- a. Requests for input and/or support for specific issues being addressed at national, sub national, and local government levels are initiated by those outside of the GAC. Requests for support often are asking ASHRAE to publicly express an opinion on issues that are considered to be related to ASHRAE's interests.
  - b. Requests for input and/or support may be proposed or initiated by individuals or groups within or outside GAC or ASHRAE.
  - c. When a request for input and/or support is received, if time allows, ES shall make a preliminary judgment as to whether it is supported by an approved position of the Society.
  - d. If an input and/or support request is deemed relevant and supported by approved positions of ASHRAE, and if ES agrees that the input and/or support should be provided, timely concurrence from Society Executive Committee will be sought by the Coordinating Officer.
  - e. If a request for input and/or support is found to lack support in approved ASHRAE positions and if ES believes the input and/or support should be provided, the Coordinating Officer shall, in a timely manner, seek a supporting position from Society Executive Committee and report it to ES for further consideration.
  - f. ASHRAE GA staff should inform the GAC chair when requests are received and advise the chair as to whether or not the request aligns well with existing ASHRAE priorities and documented positions. If time allows, the chair then determines whether to bring the issue to the ES for discussion or authorize staff to address the issue directly.
  - g. For requests received by staff that do not allow time to be considered by the GAC ES and/or GAC ES chair, staff may recommend action directly of the Society Executive Committee and/or Society President. Staff should inform the GAC chair of these time-sensitive requests and recommendations, along with the action taken.

### c. Member Mobilization

The members of the Member Mobilization Subcommittee are appointed annually by the Chair of the GAC and consist of approximately half of the RVCs on the GAC. Members of the Executive Subcommittee may, at their discretion, serve as *Ex Officio* members of the Responsive Engagement Subcommittee.

Responsibilities of the Member Mobilization Subcommittee shall include:

1. Monitor and respond to public policy-related requests from government officials and non-governmental organizations on public policy issues deemed important by the Society, including, but not limited to those issues identified in the Society's Public Policy Priorities. Refer to GAC MOP section 6.a.4 and 6.a.5.
2. When deemed necessary, prepare and submit requests for action alerts or for providing input and/or support for specific issues being addressed at national, sub national, and local government levels to the Executive Subcommittee.
3. Provide regular reports to the GAC on the status of ongoing public policy projects. These reports shall include recommendations for improving the effectiveness of the Society's public policy operations.
4. Provide recommendations to the GAC on emerging issues that are not the current primary focus of the Society, but have the potential to become of greater interest and thus may warrant greater future attention.
5. Manage Government Affairs Awards Program.
6. Review and update training materials prior to Winter Meeting.

## GLOBAL LANGUAGE PROPOSED REVISION

### 8. AWARDS PROGRAM

#### a. Government Affairs Award

The Government Affairs Award was established to recognize an individual for outstanding effort and achievement in ~~state, provincial, national, sub national~~, and local government activities in connection with technical issues related to the activities of the Society.

- Recognition is in the form of a plaque for first place winners.
- One awarded per year.
- The Government Affairs Committee makes recommendations for the award to the Honors and Awards Committee at the Winter Meeting.



## I: GOVERNMENT AFFAIRS AWARD

The Government Affairs Award recognizes an ASHRAE member who demonstrates outstanding efforts in the national, ~~state~~sub-national, ~~provincial~~ and/or local government on technical issues important to ASHRAE.

### Purpose

The purpose of the award is to stimulate effective participation by ASHRAE members and recognize an individual for outstanding effort and achievement in national, ~~state~~, ~~provincial~~subnational, and/or local government activities in connection with technical issues related to the ~~purpose~~activities of the Society.

### Guidelines for the Government Affairs Award Presentation

Each year the Society recognizes exceptional performance by a member in the area of government activities. ~~During the Society fiscal year, Chapters assemble support materials describing the award submission shall include the member's a summary of the GAC program for the Society fiscal year including activities in~~ interacting with national, ~~state~~, ~~provincial~~subnational and/or local governments.

A typical award application includes a standard cover page (see below), a narrative section, the Chapter's government advocacy plan, the member's government advocacy with relevant documentation, publicity, etc. The narrative section should describe the activity or activities that distinguishes the nominee, the impact of that activity or activities (be as specific as possible), the level of chapter engagement and likelihood of continued chapter engagement with the activity or activities, and any other description to support the nomination.

The length of the nomination should be approximately 3 pages, not including supporting materials.

### Eligibility Requirements

An ASHRAE member of any level interacting with national, ~~state~~, ~~provincial~~subnational, and/or local governments is eligible for nomination for this award. ~~Applications~~ Individuals may be ~~submitted~~ nominated by a Chapter, ~~or by any ASHRAE member in good standing, or may self-nominate if they are in good standing.~~ The winner is selected from these entries. The Chair of the GAC Member Mobilization Subcommittee is responsible for organizing the Government Affairs Awards program, establishing submission deadlines and selecting the entry to Society programs.

**Judging:** A minimum of three judges will be selected by the chair of the GAC Member Mobilization Subcommittee. ~~GAC~~. At least one judge should have experience as an RVC of Government Affairs committee ~~Chapter officer~~ preferably with involvement in a Chapter government activity. ~~Judging guidelines for the Society award are provided in the GAC's MOP.~~ The judging occurs in the fall immediately following the last Chapters Regional Conference.

**Commented [CS1]:** The changes here were to remove "state" and "provincial" and just state it as "subnational" as we are trying to write it to include other forms of government or government organizations around the world as an international society.

**Commented [CS2]:** We were cleaning up this language to better describe an award submission, but also to clarify that individuals may nominate themselves, and it doesn't require a chapter nomination.

**Commented [CS3]:** Expanding the detail on the award submission information to be included in order to encourage more submissions.

**Commented [HS4]:** Suggested length to give additional detail on the submission.

**Commented [HS5]:** The GAC MOP does NOT give judging guidelines. It simply notes the following below. We recommend eliminating this sentence from the Resource manual.

The Government Affairs Award was established to recognize and individual or outstanding effort and achievement in national, subnational, and local government activities in connection with technical issues related to the activities of the Society.

- Recognition is in the form of a plaque for the first place winners.
- One awarded per year.
- The Government Affairs Committee makes recommendations for the award to the Honors and Awards Committee at the Winter Meeting.

**Selection Schedule**  
**SELECTION SCHEDULE**

**Regional GAC Awards**

All regional GAC awards are created and judged by the RVC. The rules and submission deadlines will be determined by the RVC and communicated to all the GAC chairs in that region. The award will be announced and presented at the CRC.

Submission for Regional GAC awards is NOT a prerequisite for submissions for the Society GAC award. ~~1. Regional Vice Chair may select an entry for the CRC (optional):~~

~~Submittals due to RVC for Regional competition Judging completed for Regional Submittals Notification to Regional Winner~~

~~Determined by RVC Determined by RVC At CRC~~

**Society GAC Award**

~~2. — 1. Nominations for this award are submitted to the Regional Vice Chair, who submits all entries for Society competition no later than September 30/October 15<sup>th</sup> or two weeks following the latest CRC held in the fall. The submission should follow the requirements noted above, and must include:~~

~~Standard Cover Page, Narrative Section, the Chapter's or Chapters' Government Affairs Plan, Relevant Documentation, Publicity, etc.~~

*RVC Submits one copy electronically in pdf format to [jscarborough@ashrae.org](mailto:jscarborough@ashrae.org) or [govaffairs@ashrae.org](mailto:govaffairs@ashrae.org).*

- ~~3.2. Staff sends regional submittals to GAC Judging Panel by October 1/November 1~~
- ~~4.3. Judges deliberate and make decision by the Winter Meeting~~

1. GAC recommends final candidate to Honors and Awards Committee for approval by Members Council at Winter Meeting
2. Staff notifies first place winner
3. Judging Panel notifies second and third place winners and non-winners
4. Judging Panel submits article on winner to editor of *ASHRAE Insights-Insights*. Judging panel may also recognize additional submissions in Government Affairs Update for their work.

Presentation

**Commented [CS6]:** The resource manual includes discussion of regional awards under the Selection schedule, but it is optional and leaves it up to RVC's. We reworded to show as option and also clarified that submitting to a regional award is NOT a requirement to submit for the Society award.

**Formatted:** Font: Bold

**Formatted:** Font: Bold

**Formatted:** Font: Bold

**Formatted:** No bullets or numbering

**Commented [CS7]:** Revised submission date to allow for fall CRC's

**Commented [CS8R7]:**

**Formatted:** Superscript

**Formatted:** Indent: Left: 0"

**Commented [CS9]:** Deleted this information as it is just restating requirements located 2 paragraphs above.

**Commented [CS10]:** Updated email address to use general email that goes to Staff

**Commented [HS11]:** Change to November 1, per the issue described above about the RAL CRC usually being held in early October.

**Commented [CS12]:** Added last item to recognize submissions that were not selected, but should be highlighted to share the good work chapters are doing as well as encourage future submissions with recognition.

The Government Affairs Award is presented at the Society's Annual Meeting. The first place winner is recognized during the Honors and Awards portion of the Plenary Session.



# **GAC**

# **RVC REPORTS**

**2020 Winter Meeting**

**Orlando, FL**



Shaping Tomorrow's  
Built Environment Today

1791 Tullie Circle NE • Atlanta, Ga. 30329-2305 • Tel- 678.636.8400 • Fax 678.321.5478 • www.ashrae.org

**Andrew Manos**  
Vice Chair, Region I  
Government Affairs

## **REGION I 2019-20 GA MID-YEAR REPORT**

### **Mid-Year Highlights:**

Nine of the fifteen GA Chapter Chairs attended the 2019-20 CRC training session

Ten of the fifteen GA Chapter Chairs completed the planning session (MBO's) with the RVC

Thirteen of the fifteen chapters have assigned GA Chairs

Five of the fifteen chapters have assigned GA Co-Chairs

(2) GA Award Applications submitted to Region, (1) selected and submitted to Society

Massachusetts held a Government Outreach Day on December 10<sup>th</sup> in Boston. 2 chapter members attended this event and visited 2 legislatures.

New Jersey held a Government Outreach Day on December 16<sup>th</sup> in Trenton. This was a joint effort between Regions I and III with 7 chapter members who visited 6 legislatures.

The DEC and NYSERDA has released an HFC phase down following the EPA SNAP Regulations for chillers only. The New York Chapter headed by Thomas Reyes is working with DEC, NYSERDA, AHRI and UL to create language for the HFC phase down for unitary products.

The "New York State Climate Leadership and Community Protection Act" was signed into Law in July 2019, and includes aggressive carbon reduction target, as well as many other provisions of relevance to ASHRAE. The law also establishes Advisory panels that are to provide recommendations to the "New York State Climate Council". The Advisory panel is currently working on 4 buckets

1. Beneficial Electrification
2. Timeline for Refrigerant Phase out
3. Environmental Regulations
4. Safety Training and Workforce Development

The NY Chapter is also working with NYSERDA to offer a 6 month HVAC training and certification program through Universities and Community Schools. They are working with Pub Ed to offer 3 tracks for Engineers, Contractors and High School Students.

The Central New York Chapter is working with NYSERDA to create courses for NYSERDA to use for Workforce Development and training. The latest RFQ to be released is for Clean Energy Training Services. Mark Owen (Director of Publications and Education) along with his team are working on responding to this RFQ, which should open the door to more training, education and certification opportunities for ASHRAE. The chapter is also on the NYSERDA Advisory Committee for the 2020 Buildings of Excellence Competition. The competition will recognize persons whose projects stimulate the design, construction and operation of very low or zero carbon emitting buildings.

The Long Island Chapter is working with NYSERDA and PSEG (local power authority) to implement the use of BEQ in High Performance Building Evaluation. This has been a slow process with Bill Artis preparing reports and PSEG not seeing much value in spending \$300 in them. The chapter is also looking to see if a BEQ plaque can be made up for clients so they can see more benefit in the use of the program.

Bill Artis the head of the NY BEQ steering committee will work with NY GA Chairs and assign goals for each chapter to aid in promoting BEQ.

## Mid-Year Regional PAOE

<u>Chapter #</u>	<u>Chapter</u>	<u>Chapter Members</u>	<u>Terms for Chair</u>	<u>Points</u>
1	Boston	974	1	600
3	Rhode Island	105	NA	0
4	Connecticut	497	6	800
6	Long Island	284	3	950
7	New Jersey	584	4	1000
8	New York	981	3	1050
9	Northeast	271		0
10	Central New York	239	3	1300
11	Rochester	248	3	450
12	Niagara	177	5	400
111	Champlain Valley	122	7	550
118	Maine	181	2	50
129	Twin Tiers	101	3	1000
146	Bi-State	195		0
152	Granite State	195	7	700

Minimum 500; PAR 650

### Look Ahead:

The eight New York Chapters (Long Island, New York, Northeast, Central New York, Rochester, Niagara Frontier, Twin Tiers and Bi-State) are in planning for Day on the Hill in June.

### Goals:

Create a monthly email on the happenings of the chapters in the Region.

Andrew Manos

Vice Chair, Region I Government Affairs





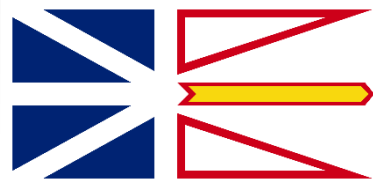


# GAC RVC Report Region II

ASHRAE 2020 Winter Conference  
Orlando, Florida, USA

*Robert Hoadley, P. Eng., HFDP  
GAC RVC 2018-2021, Region II*

# Region II – Eastern Canada



- Windsor (Ontario)
- London (Ontario)
- Hamilton (Ontario)
- Toronto (Ontario)
- Ottawa Valley (Ontario)
- Montréal (Québec)
- Ville de Québec (Québec)
- NB/PEI (New Brunswick and Prince Edward Island)
- Halifax (Nova Scotia and Newfoundland and Labrador)



# Chapter Engagement

## All Nine Chapters Have Assigned GAC Chairs:

CHAPTER	GGAC CHAIR (PAOE to date)
Windsor	Paul Greff ☆ (1150)
London	Alex Somers/Kathleen Mayberry (350)
Hamilton	Robyn Ellis/Mustafa Morsy (550)
Toronto	John Cusato ☆ (200)
Ottawa Valley	Adam Moons (0)
Montréal	Bruno Lefebvre ☆ (900)
Ville de Québec	Jean Bundock (300)
NB/PEI	Jarrett Steele (300)
Halifax	Tom Kendell (150)

# Chapter Visits 2019-20

- **NB/PEI in November (Presidential Visit)**
- **Québec, Montréal, Ottawa Valley planned**

# Government Outreach Days

## **Planned for Spring 2020:**

### **Canada - “Day on Parliament Hill”**

Late May 2020, involvement from six chapters in Region II as well as others from Region XI

### **Province of Ontario – “Day at Queen’s Park”**

6 May 2020, organized by Toronto chapter, involvement from other Ontario chapters

### **Province of New Brunswick – Name TBA**

April 2020, pending possible provincial election

# Municipal Government Outreach

## **Planned for Spring 2020:**

### **Windsor**

Chapter chair planning meetings with City and Essex County officials. Chapter chair also reaching out to Detroit-2030 District officials.

### **Montréal**

Chapter chair planning meetings with municipal officials

# CRC Training at Fall CRC



## **Region II CRC held in August 2019 in Halifax, Nova Scotia**

- Attended by 5 chapter chairs, 1 chapter co-chair.
- Training assisted by Alice Yates, with cameos from Doug Cochrane, Society President-elect Chuck Gulledge, and Society VP Farooq Mehboob
- Focused on introduction to GAC and regulatory development. Alice provided intro to ASHRAE GA Office.

# 2018-2021 Personal Goals

## **Personal Goals as RVC:**

- Government Outreach Day in Four Provinces  
(Ontario to date, NB planned in 2020, Québec needs a push)
- Municipal Government Outreach Day by Six Chapters  
(two planned in 2020)





# Government Affairs Committee: Region IV Report

**ASHRAE Region IV  
2020 Conference: Orlando**

Tim Ashby, ASHRAE RVC-Region IV



# Region IV Overview



## Seven active chapters:

- Raleigh, NC (Triangle)
- Greensboro, NC (North Piedmont)
- Charlotte, NC (Southern Piedmont)
- Greenville, SC
- Columbia, SC
- Charleston, SC
- Atlanta, GA



# Special Mention Activities



- **All States Planning Governmental Outreach Days:** GA - 02.11.20, NC – 06.03.20, and SC in March 2020
- All Chapters Have Selected a Local Municipality to Engage and Build Relationships
- Atlanta with Meghan McNulty's Lead Has Been Involved with a Georgia committee on Legionnaires.



# Positive Activities



## Highlights

- All seven chapters are active.
- Great on-going communication between chapters regarding Government Outreach Days.
- All of the chairs are past presidents and/or past chairs.
- Two chapters have made PAR (650) on POAE points:                      Highest 2650



# 2020 Activities & Plans



## Opportunities

- Increase Chapter Level Engagement chapters visited.
- Continue to Develop Local Level Contacts: School Boards, City Councils, County Officials.
- Encourage participation in State Boards and Commissions.
- Continue planning Government Outreach Days



**E: STANDARDIZED RVC/ REPORTING FORMAT**

**February 1, 2020 Winter Meeting Report**

**Region IV – Tim Ashby**

**FY 19/20**

The following information is compiled into a summary spreadsheet showing activity for each region. The spreadsheet is reviewed by GAC at each Society meeting.

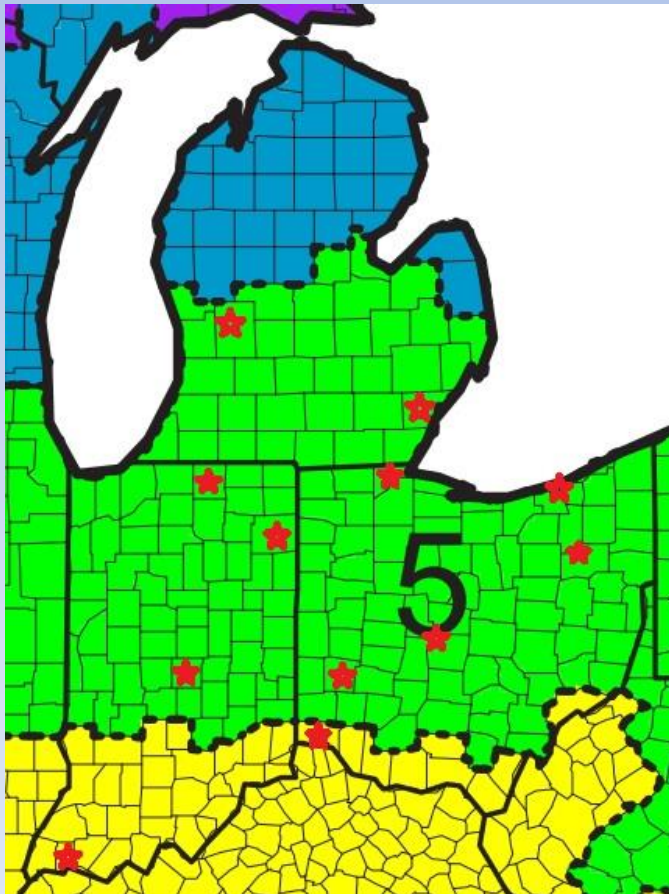
<b>ACTIVITY</b>	
<b>CRC</b>	
Total number of chapters in region	7
Number of chapters present	5
Number of GA chapter chairs present	5
Percentage of participation	71%
Percentage of GA chapter chair participation	71%
No. of planning sessions held	1
<b>PAOE</b>	
No. of Chapters Reporting PAOE Points:	3
No. of Chapters Making Society Minimum :	2
No. of Chapters Making Society PAR :	2
Highest PAOE Points by a Chapter:	2650
Percentage of chapters reporting	43%
Percentage of chapters making Society Minimum	29%
Percentage of chapters making Society PAR	29%
<b>CHAPTER VISITS</b>	
No. of visits made:	3
No. of visits scheduled:	3
Percentage of chapters visited:	43%
<b>GAC AWARDS</b>	
Government. Affairs Award	0
<b>Government Outreach Days</b>	
No. of Chapters Participating	0
No. of government officials visited	0
No. of ASHRAE members participating	0
No. of Chapters reporting	0
No. of days duration	0

Note: All GOD's will occur in the first and second quarter of 2020!





# GAC Winter Meeting February 1, 2020 Region V GAC Report



Louis van Belle  
Region V RVC, 2019-2020



# Year to Date Region V PAOE

Chapter #	Chapter Name	Area Assigned Members	Terms For Chair	PAOE Points
38	CLEVELAND	332	2	350
39	COLUMBUS	373	3	200
40	CINCINNATI	264		
41	DAYTON	210		100
42	TOLEDO	114	2	100
43	CENTRAL INDIANA	333		
44	EVANSVILLE	54		
45	DETROIT	575	2	100
47	WESTERN MICHIGAN	338	5	300
90	AKRON / CANTON	145		
103	NORTHERN INDIANA	76	2	200
120	FORT WAYNE	74	3	700

# Highlights & Updates

- 11 of 12 chapters have GAC committee chairs (12<sup>th</sup> recently assigned and not on roster)
- 3 of the chapters have committee members listed in their rosters
- 6 of the chairs are returning chairs. With 3 serving 3rd term or greater
- Paul Fernandez from Fort Wayne held meetings with school facilities personnel on multiple occasions and distributed ASHRAE materials at these meetings
- Robert Laneve from Cleveland provided a make-up air training course to 150 building officials that included presentation of ASHRAE standards

# Challenges & Opportunities

- Despite near full roster of chapters with chairs, activity is low.
- Would like to plan an outreach day in each of the three states represented.
- Would like to encourage contacting of local officials.



# ASHRAE Region VI

2020 Winter Conference Update  
Matt Jesson, RVC

# Region Summary

- 11 Chapters in Region
  - 10 have GAC Chairs
- CRC (Spring)
  - 6 Chapters attended GAC Workshop
  - May 7-9, 2020 in Peoria, IL

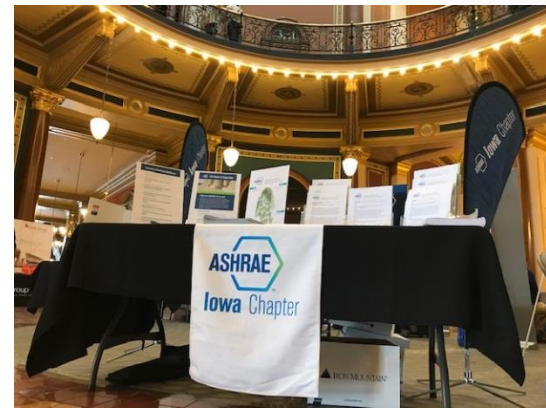


# PAOE Status

Chapter #	Chapter Name	Members	GAC Chair?	GAC Points to Date
48	Wisconsin	350	No	100
49	Illinois	1225	Yes	300
50	Central Illinois	133	Yes	550
51	Iowa	307	Yes	150
52	Minnesota	878	Yes	300
54	St Louis	672	Yes	150
95	Madison	265	Yes	50
107	Northeast Wisconsin	153	Yes	100
115	La Crosse Area	128	Yes	750
123	Mississippi Valley	104	Yes	0
159	Cedar Valley	83	Yes	100

# Progress

- Government Outreach Days scheduled for 2020
  - Iowa (February 24)
  - Wisconsin (March 4)
  - Minnesota (March 11)





# Progress

- More GAC Chairs this year!
- Minnesota:
  - 1<sup>st</sup> ever Government Outreach Day scheduled
- LaCrosse:
  - Chapter signing MOU with City to work on sustainability goals

# Plans

- Increase Chapter Level Engagement
  - GAC Chairs in every Chapter
  - More involvement from individual members
- Local Contact
  - City Councils
  - City Energy/Sustainability Managers
  - Public Health
- Keep working on GODs
  - 2019: 3 states
  - 2020 Goal: 5 states
  - Follow up on contacts made







# GAC Report – Region X

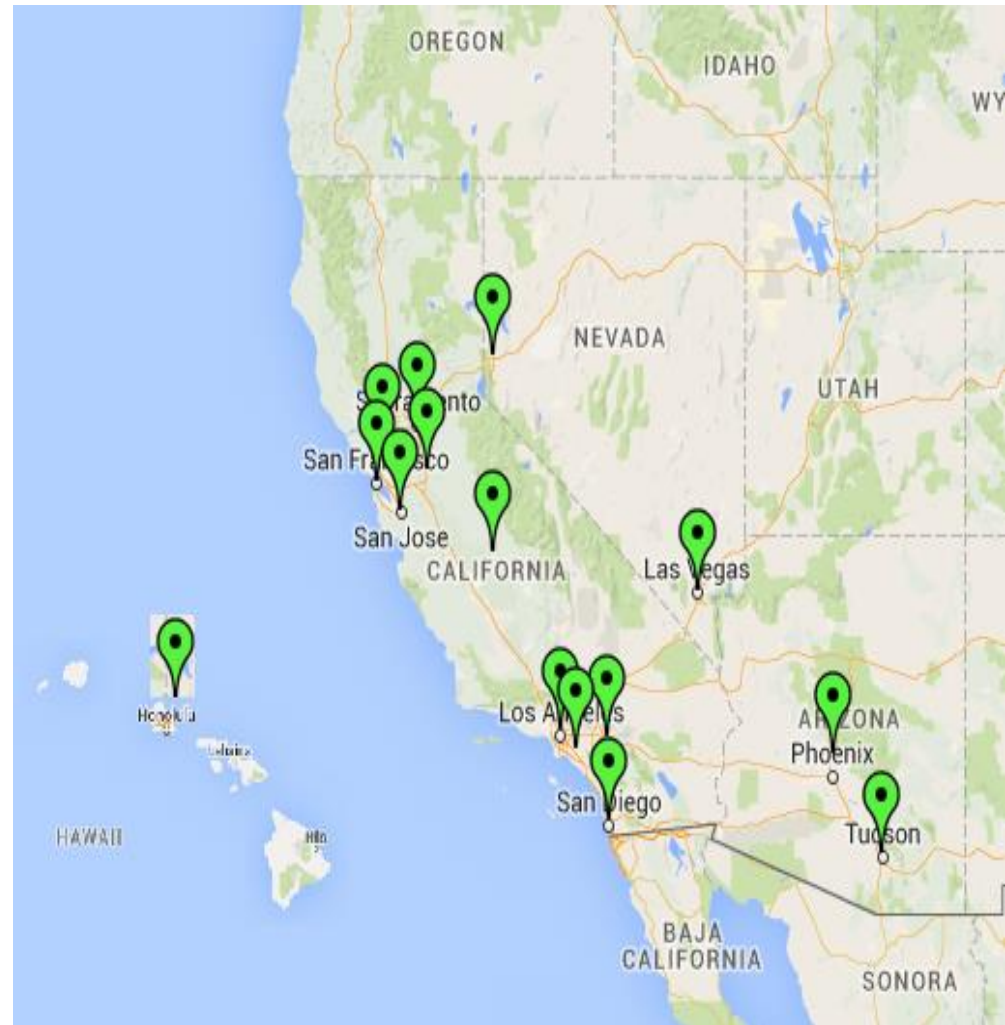
ASHRAE Winter Conference  
Orlando, FL  
February 1st, 2020

Colin E. Laisure-Pool, GAC RVC 2020-2022, Region X

# “Where the Desert Meets the Ocean”

## Region X Chapters

- 086 Central Arizona - Phoenix, AZ
- 082 Golden Gate - San Francisco, CA
- 082 Golden Gate - Napa, CA
  - Redwood Empire Section
- 108 Hawaii - Honolulu, HI
- 126 Northern Nevada - Reno, NV
- 105 Orange Empire - Anaheim, CA
- 081 Sacramento Valley - Sacramento, CA
- 085 San Diego - San Diego, CA
- 083 San Joaquin - Fresno, CA
- 101 San Jose - San Jose, CA
- 144 Sierra Delta - Stockton, CA
- 084 Southern California - Los Angeles, CA
- 084 Southern California - Santa Barbara, CA
  - Western Section
- 092 Southern Nevada - Las Vegas, NV
- 155 Tri-County - Redlands, CA
- 087 Tucson - Tucson, AZ



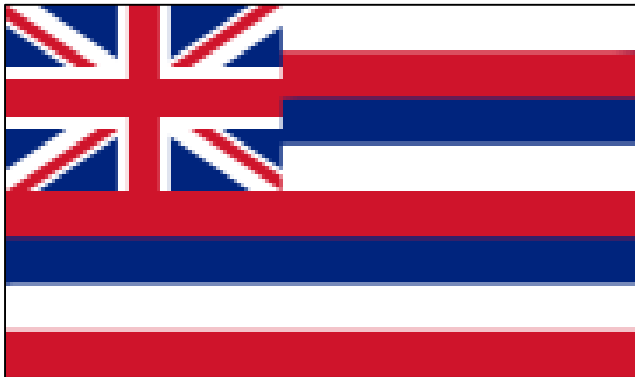
# “Where the Desert Meets the Ocean”



**Arizona**



**California**



**Hawaii**



**Nevada**

# Progress Review (2019-2020)

## Highlights:

- Strong Participation at Joint Region IX/X CRC in San Diego
- Planning Meetings with Key Chairs:
  - Vanessa O'Connor and Mitch Pinsker (San Jose & Golden Gate)
  - Kevin Luoma (Hawaii)
- Excited for New GAC Chairs & Pushed on Tri-City
- City of Brisbane Energy Efficiency Incentives
  - Opportunity for Building EQ
- Tracking California Building Standards Commission
  - January 23<sup>rd</sup> Intervening Code Cycle Meetings
- Adoption of the 2018 IECC/ASHRAE 90.1-2016
  - Almost all major municipalities in Phoenix-Metro
  - Hawaii – **2015 IECC**



# Progress Review (2019-2020)

## Challenges:

- Nevada State Legislature Not in Session
- Gridlock in AZ Causing Longer Sessions, Busier Schedules
  - Contentious Bills on BESS Systems and Electric Vehicle Taxes
- Outdated Region X Climate Data Document Phase-Out
  - Working with Scott Wayland, TC 4.2, and CEC Chair J Andrew McAllister
  - Climate-change-adjusted software being proposed by third-parties
- Recognition of Building EQ as a Companion to Energy Star
  - In states that have benchmarking and incentive programs...
- Implementation of ASHRAE 90.4-2019, Standard 191(P)
  - Water-scarcity and data center explosion are linked/misunderstood

# Chapter Engagement – CRC in San Diego

13 out of 14 Chapters Have Assigned GAC Chairs:

CHAPTER	GAC CHAIR	CRC (10/14)	Planning
CENTRAL ARIZONA	YES	CHAIR	YES
GOLDEN GATE	YES	CHAIR	YES
HAWAII	YES	CHAIR	YES
NORTHERN NEVADA	YES	NONE	INC
ORANGE EMPIRE	YES	ALT	INC
SACRAMENTO VALLEY	YES	CHAIR	YES
SAN DIEGO	YES	CHAIR	YES
SAN JOAQUIN	YES	NONE	YES
SAN JOSE	YES	CHAIR	YES
SIERRA DELTA	YES	NONE	YES
SOUTHERN CALIFORNIA	YES	CHAIR	YES
SOUTHERN NEVADA	YES	CHAIR	INC
TRI COUNTY	NO (Chapter President)	NONE	INC
TUCSON	YES	CHAIR	YES
Region X Participation	13/14	10/14	10/14

# Chapter Engagement 2018-2019

## 13 out of 14 Chapters Reporting PAOE Points:

*11 of 14 Chapters Reporting **PAR**, 2 of 14 Chapters Reporting **<MIN***

*1 of 14 Chapter Reporting **Zero***

Chapter#	ChapterName	Chapter Members	GAC: Min 500; PAR 650	Chapter PAOE Totals	% of Total
81	SACRAMENTO VALLEY	271	750	3891	19%
82	GOLDEN GATE	937	1000	10298	10%
83	SAN JOAQUIN	109	250	5731	4%
84	SOUTHERN CALIFORNIA	706	350	6955	5%
85	SAN DIEGO	373	750	4324	17%
86	CENTRAL ARIZONA	410	1050	10834	10%
87	TUCSON	107	1800	8133	22%
92	SOUTHERN NEVADA	156	2250	8083	28%
101	SAN JOSE	306	950	7685	12%
105	ORANGE EMPIRE	397	750	6116	12%
108	HAWAII	261	700	8064	9%
126	NORTHERN NEVADA	85	1875	7535	25%
144	SIERRA DELTA	50	1800	3090	58%
155	TRI COUNTY	80	0	2694	0%

# Chapter Engagement 2019-2020

## 10 out of 14 Chapters Reporting PAOE Points Thus Far:

Chapter#	ChapterName	Chapter Members	GAC: Min 500; PAR 650	Chapter PAOE Totals	% of Total
81	SACRAMENTO VALLEY	287	100	1020	10%
82	GOLDEN GATE	898	200	2860	7%
83	SAN JOAQUIN	112	100	1145	9%
84	SOUTHERN CALIFORNIA	703	100	1835	5%
85	SAN DIEGO	362	100	1555	6%
86	CENTRAL ARIZONA	432	200	1455	14%
87	TUCSON	101	100	1425	7%
92	SOUTHERN NEVADA	158	0	745	0%
101	SAN JOSE	308	200	3695	5%
105	ORANGE EMPIRE	397	0	1945	0%
108	HAWAII	248	100	2570	4%
126	NORTHERN NEVADA	93	0	1380	0%
144	SIERRA DELTA	50	200	735	27%
155	TRI COUNTY	78	0	625	0%

# Chapter Visits (3 Year Term – 14 Chapters)



## 2019-2020

- **Central Arizona**
- **San Joaquin**
- **Golden Gate**
- **San Jose**
- **Sacramento**
- Tucson (Feb 11<sup>th</sup>)

## 2020-2021

- Northern Nevada
- Sierra Delta
- Hawaii
- Tri-County

## 2021-2022

- Southern Nevada
- Orange Empire
- San Diego
- Southern California



# ASHRAE Government Outreach Days

## Arizona – April 7th, 2020

Marcus Myers – Central AZ GAC Chair

## California – March 2<sup>nd</sup>, 2020

Sac Valley - Chapter Host

State Capitol Building, Sacramento, CA

Vanessa O'Connor (San Jose) Steering Committee Chair

Mitch Pinkser (Golden Gate) Scheduling Lead



Hawaii – Not Scheduled

Nevada – Not Scheduled

# ASHRAE Government Outreach Days

## GOVERNMENT OUTREACH DAY

Mark your calendar!  
Join other fellow ASHRAE members and speak to our State  
Legislators about the HVAC&R industry.  
More detailed to come but save the date!!

**MARCH 2, 2020**  
**REGION X GOVERNMENT AFFAIRS COMMITTEE (GAC)**



CALIFORNIA STATE CAPITOL

Contact Mitch Pinsker (GG GAC chair) for  
more information: [mpinsker@aeieng.com](mailto:mpinsker@aeieng.com)

# Dave Palty Memorial Fund

Dave Palty Memorial Fund

[https://www.ashraetucson.org/history/in-memorium-dave-palty/?mc\\_cid=6033ab3e97&mc\\_eid=d313c04b27](https://www.ashraetucson.org/history/in-memorium-dave-palty/?mc_cid=6033ab3e97&mc_eid=d313c04b27)





# Dave Palty Memorial Fund

- Home
- Lunch Meeting Location
- Calendar
- Sustaining Members
- ASHRAE Membership
- Research Promotion
- Student Activities
- Government Affairs
- Roster
- History

In Memorium - Dave Palty  
Member Profiles  
President Interviews

- Photos
- Newsletter
- Contact us
- About us
- Guest Book

Newsletter



## Remembering Dave Palty

It is with heavy hearts that the Tucson Chapter announce that our immediate Chapter President and Region X RVC for Government Affairs Dave Palty passed away over this past Labor day weekend. Anyone who knew Dave knew that his passion for life was infectious and it permeated thru everything he was involved with be that work, family, ASHRAE, etc. Dave was truly one of the good guys and his ASHRAE FAMILY will miss him.



Dave's family has asked that in lieu of flowers, donations can be made to the Dave Palty Memorial fund. This fund will establish an endowment or scholarship in Dave's name to continue his work in bringing young leaders into the industry.



Donate



Donate Securely with Paypal

Thank you for your collaborative advocacy! GAC Rocks!

THANKS

FOR

BEING

AWESOME



## **Government Affairs Region XI Report July 1<sup>st</sup> 2019 – January 31<sup>st</sup> 2020**

After taking office, I reached out individually to each one of my GA Chairs in the early part of August and in mid September 2019 with an email titled:

Welcome & Introduction from the new Government Affairs RVC for Region XI

**Outcome:** The response was slow, sporadic and incomplete. Comprising of one phone call and six Email responses

**Lessons Learned:** Through this slow, sporadic and incomplete response I was able to determine there were several new GA Chairs and a few Returning GA Chairs and 3 Chapters without GA Chairs (Puget Sound, Inland Empire and Southern Alberta)

### **Government Outreach:**

.1 Arranged a Webinar and Discussion for August 6<sup>th</sup> 2019 between;

- Tom Mastbaum – Leading Speaker and Authority on Legionella and Standard 188,
- Chris Radaminski – Building Policy Engineer, City of Vancouver
- Phil White – Manager of Plumbing and Gas Inspections, City of Vancouver
- Randy Ash – Manager of Environmental Health, Coastal Health Authority
- Linda Dix-Cooper – Environmental Health Scientist, Coastal Health Authority

**Outcome: Success**

.2 Arranged for:

- Chris Radaminski – Building Policy Engineer, City of Vancouver
- Phil White – Manager of Plumbing and Gas Inspections, City of Vancouver
- Randy Ash – Manager of Environmental Health, Coastal Health Authority

to speak at the;

- BC ASHRAE Chapter Dinner Meeting on October 10<sup>th</sup>
- Vancouver Island ASHRAE Chapter Dinner Meeting on October 11<sup>th</sup>

Regarding the City of Vancouver's initiatives to reduce the growth and spread of Legionella Bacteria in Building Water Systems, Decorative Water Features, and Cooling Towers. In the form of a Program of Registration and Mandatory Testing and Reporting.

I also presented a brief History of Legionella Bacteria and an overview of Standard 188 at each one of the meetings. We also had an additional speaker that presented a workshop on Thermal Disinfection of DHW Systems and some Legionella Facts

## **Government Affairs Region XI Report July 1<sup>st</sup> 2019 – January 31<sup>st</sup> 2020**

### **Continued:**

**Outcome:** a success, with a record turnout of 85 participants at the BC Chapter meeting and 35 at the Vancouver Island Meeting

**Lessoned Learned:** make the Legionella topic an annual event, with an update from the previous years success of program implementation and the up and coming years goals and implementation

### **Chapter Visits:**

BC Chapter – October 10<sup>th</sup> 2019 in conjunction with Legionella meeting *Outcome: Successful*

Oregon Chapter – November 21<sup>st</sup> 2019 *Outcome: Successful*

I was scheduled to visit the Puget Sound Chapter on January 16<sup>th</sup> 2020 and due to freezing conditions and snow, the visit has been postponed to a future date.

### **PAOE Reporting:**

To date the only GA Chair that has reported PAOE Points to me directly is Gary Heikkinen from the Oregon Chapter 250 Points. The BC Chapter has reported 1000 points and the V.I Chapter has reported 650 points

Before Christmas I reached out to all my Chapter Chairs via Email in regards to PAOE reporting with a step by step narrative on how to navigate the PAOE Portal and enter their activities, with an offer of assistance at their convenience. I also made note of the suggested due date for the list of Code and Standards Officials as per the GA3 category in the PAOE Portal, and I extended that date to January 21<sup>st</sup> at my discretion As well as, I provided a written update on the up and coming GA Outreach events I.E. the Annual Day on the Hill in Ottawa and a request for volunteer support. I followed up after Christmas on January 7<sup>th</sup> with another Email with the same content, in the event they had overlooked the Email before Christmas.

To date I've have no responses on either of the above Emails from any of my GA Chairs other than the Oregon Chapter Chair Gary Heikkinen.

I do know the Alaska Chapter GA Chair was in a serious automobile crash last July (2019) and I suspect this may be a contributing factor in the inability to carry out GAC duties. As well as, the Vancouver Island Chapter GA Chair is experiencing Business Hardship, which is affecting his ability to carry out GAC duties.

### **Lessons Learned:**

Personal contact via Chapter Visits may solve the lack of response issues I'm experiencing with the GA Chairs. It also seems with a new RVC that it may take at least a year or so to establish a relationship with the GA Chairs, before we will see concrete efforts and contributions by the GA Chairs

## **Government Affairs Region XI Report July 1<sup>st</sup> 2019 – January 31<sup>st</sup> 2020**

### **Continued:**

**Action Items:** in lieu of the up and coming Chapter BoG Elections, I composed a document titled:

### **Attention: Call-Out to all Puget Sound ASHRAE Members**

**Seeking those interested in becoming Chapter Chair for Government Affairs for the term 2020-2021**

I sent the above Call-Out document to the Puget Sound Chapter BoG, they reviewed it and have Emailed it out to all of their members

I've also tailored the same document for the Inland Empire Chapter, the Southern Alberta Chapter, both of which do not have GAC representation.

I'm also tailoring the same document for the Oregon Chapter as their current GAC (Gary Heikkinen) will be retiring at the end of his term June 2020

### **CRC's**

No CRC's to report yet, my first CRC as RVC for Region XI will be the Edmonton (Northern Alberta) CRC April 30<sup>th</sup> – May 2<sup>nd</sup>



# Government Affairs Winter Meeting Orlando City 2020 report

## ASHRAE Region XII

Regional Vice Chair  
Eduardo Conghos  
Florida, Central America (except Mexico) and South America



- Chapter / Capítulos
- 034 - Jacksonville
  - 035 - Florida West Coast
  - 036 - Miami
  - 094 - Central Florida
  - 104 - Gold Coast
  - 109 - Space Coast
  - 110 - Puerto Rico
  - 139 - Southwest Florida
  - 172 - Brasil
  - 178 - Argentina
  - 190 - Colombia
  - 196 - Chile
  - 199 - Ecuador
  - 202 - Paraguay
  - 209 - ASHRAE Caricom
  - 213 - South Brazil

- Sections / Secciones
- S1 - Tallahassee
  - S2 - Sarasota
  - S3 - Rep. Dominicana
  - S4 - Costa Rica
  - S5 - Panama
  - S6 - Peru
  - S7 - Bolivia

 ASHRAE Chapter  
 ASHRAE Section

- ▶ ASHRAE Region XII
- ▶ 16 CHAPTERS
- ▶ 7 SECTIONS
- ▶ XXX MEMBERS



No. of Chapters Reporting PAOE Points:  
 Winter Meeting 2019 (6) – Annual Meeting (2019) 11 - Winter Meeting 2019 (9)

ChapterName	Government Affairs: Minimum 500; PAR 650
JACKSONVILLE	0
FLORIDA WEST COAST	1900
MIAMI	0
CENTRAL FLORIDA	0
GOLD COAST	0
SPACECOAST	1150
PUERTO RICO	0
SOUTHWEST FLORIDA	650
BRASIL	0
ARGENTINA	0
COLOMBIA	650
CHILE	0
ECUADOR	0
PARAGUAY	250
ASHRAE Caricom	100

ChapterName	Government Affairs: Minimum 500; PAR 650
JACKSONVILLE	0
FLORIDA WEST COAST	3350
MIAMI	400
CENTRAL FLORIDA	2500
GOLD COAST	0
SPACECOAST	1680
PUERTO RICO	0
SOUTHWEST FLORIDA	2250
BRASIL	1050
ARGENTINA	1100
COLOMBIA	750
CHILE	50
ECUADOR	0
PARAGUAY	700
ASHRAE CARICOM	600

Chapter#	ChapterName	Government Affairs: Minimum 500; PAR 650
34	JACKSONVILLE	650
35	FLORIDA WEST COAST	1650
36	MIAMI	0
94	CENTRAL FLORIDA	0
104	GOLD COAST	150
109	SPACECOAST	2100
110	PUERTO RICO	0
139	SOUTHWEST FLORIDA	800
172	BRASIL	900
178	ARGENTINA	1450
190	COLOMBIA	2050
196	CHILE	0
199	ECUADOR	0
202	PARAGUAY	250
209	ASHRAE CARICOM	0
213	SOUTH BRAZIL	0

▶ ASHRAE Region XII





<b>ACTIVITY</b>
<b>CRC – AUGUST 2019</b>
Total number of chapters in region <b>16</b>
Number of GA chapter chairs present <b>9</b>
Percentage of participation <b>86.66 %</b>
Percentage of GA chapter chair participation <b>56 %</b>
Number of chapters reporting PAOEs <b>9</b>
No. of planning sessions held <b>3</b>

2019 GA TRAINING	
NAME	CHAPTER
FLOR UTSET	MIAMI
NATE BOYD	CFL
JACOB MOBERG	CFL
JOHN CONSTANTINIDE	SPACE COAST
ASHLEY FERNANDEZ	SWFL
IAN LATTIFF	CFL
VERONICA ROSON	ARGENTINA
ROADNEY ROMAN	PARAGUAY
GERARDO ALFONSO	COLOMBIA
VIVIANE NUÑEZ	BRAZIL
CARLOS TROMBINI	BRAZIL

▶ ASHRAE Region XII



<b>ACTIVITY</b>
<b>CHAPTER VISITS</b>
No. of visits made: <b>None</b>
No. of visits scheduled: <b>None</b>
Percentage of chapters visited: <b>0%</b>
<b>GAC AWARDS</b>
Government Affairs Award proposed <b>0</b>

▶ ASHRAE Region XII



<b>CHAPTERS ACTIVITY</b>
Brazil – Report Activity – MBO
<b>Space Coast - Report Activity – MBO – Meetings with Local Officials – GOD (for this year)???</b>
Jacksonville – Reporting – GOD (for this year)
<b>South West Flo. – Newsletter - Report Activities - MBO</b>
Argentina – Report legislative news - MBO
<b>South Brazil - MBO</b>
West Coast - Report Activities – MBO

▶ ASHRAE Region XII



Ashley Fernandez – SOUTH WEST FLO

MANAGEMENT BY OBJECTIVE(MBO) - GAC						Completed By:	Ashley Fernandez
						Last Updated:	1/20/2020
							<a href="mailto:afernandez@swf1010.com">afernandez@swf1010.com</a>
ITEM	PADE POINTS	OBJECTIVE	WAYS TO ACHIEVE OBJECTIVE	PROGRESS UPDATE	POINTS GOAL	DATE COMPLETED	POINTS ENTERED
<b>Efficient Use of Volunteers' Time</b>							
GA1	50 points; (50 points maximum)	For establishing and maintaining a chapter Government Affairs Committee with at least 2 members to promote ASHRAE with state, provincial, and local government	Richard Brooks, Gena Knight	Complete	50	9/25/19	50
<b>Administrative and Training Activities</b>							
GA3	150 points; (150 points maximum)	For establishing and annually updating a list of government officials (at any level of government relevant to buildings, engineering or construction, including building officials, school system facility staff, state energy code officials, etc.) along with their contact information. (List must be sent to RVC by December 15 or date assigned by RVC)	Create list and upload to Basecamp		150		
<b>Administrative and Training Activities</b>							
GA6	50 points; (no maximum)	For each article on a government affairs activities-related (e.g., state provincial, or local legislative or regulatory issue) published in a chapter newsletter or posted on a chapter website with copy sent to RVC (maximum of two articles per month)	Post (2) articles each month in chapter newsletter	Newsletter months: 9/19, 10/19, 11/19, 12/19	400	Monthly	400
<b>Meetings, Presentations or Events</b>							
GA8	50-100 points; (800 points maximum)	For each documented personal contact (meeting) by a chapter member with government officials (at any level of government relevant to buildings, engineering or construction, including building officials, school system facility staff, state energy code officials, etc.) with the goal of promoting ASHRAE related subjects or Chapter goals and objectives, with notification sent to the ASHRAE Government Affairs Office (Points doubled if the chapter promotes current or recently updated ASHRAE Standards, ASHRAE certifications or Building EQ) (50 points for staff level meeting and 100 points for elected/appointed official meeting)	Richard Brooks and Gary Griffin meet regularly with government officials and are willing to talk about ASHRAE relate topics. Record points when topic and meeting information monthly.		200		
GA10	100 points; (600 points maximum)	For promotion of ASHRAE certification programs through personal presentations or newsletters with government officials and engineers	Promote ASHRAE certification programs in (6) chapter newsletters.	Newsletter months: 11/19, 12/19	200		200
<b>RVC Assigns / Enters the following points</b>							
GA14	200 points	For the incoming Chapter GAC committee chair attending the GAC CRC workshop (50 points for chapter representative other than the chair who is a senior officer or member of GAC)	Attend CRC workshop and sign-in	Complete	200	8/10/19	100
GA17	50 – 100 points; (100 points maximum)	For planning/goal setting session with RVC (points assigned by RVC by October 1 or 2 weeks after the CRC, whichever is later)	Send RVC MBO to review plan/goals	Complete	50	9/27/19	50
GA19	10 – 100 points; (100 points maximum)	For achieving goals established in goal-setting session with RVC (points assigned by RVC by June 30)	Complete MBO items		50		
<b>Goal Total</b>					<b>1300</b>	<b>Current Total</b>	<b>800</b>



### **1. Building EQ Engagement**

1. Bruce Lindsay and John Constantinide continue to engage Brevard Public Schools to utilize Building EQ for completing ASHRAE Standard 211-compliant Level 1 Energy Audits for its schools.
  1. A Joint Chapter-FIT Student Branch seminar presented the results of a three-school Building EQ Pilot Program.
  2. The next set of schools in the BPS Building EQ program will focus on high schools.
2. John Constantinide worked with Ian Lahiff, Jeff Benavides, and Nate Boyd, Central Florida Chapter GAC, to present a Building EQ seminar to the City of Orlando, Orlando Utility Commission, and other commercial stakeholders. This seminar was hosted with USGBC Central Florida.
  1. Note: Ian Lahiff works for the City of Orlando and is engaging with the Chris Castro, who works in the Mayor's office for the City's Green Works Orlando program.
  2. Jeff Benavides just was hired by Orange County to be their Sustainability and Resiliency Officer. He will continue working with us on promoting Building EQ to the City, and possibly the County.
3. Bruce Lindsay and John Constantinide engage the City of Melbourne's Beautification and Energy Efficiency Board (BEEB) about utilizing Building EQ to assist in completing ASHRAE Standard 211-compliant Level 1 Energy Audits, along with other energy strategies, using Brevard Public Schools' pilot program as a model.

### **2. Energy Efficiency Strategies**

1. Bruce Lindsay is working as a member of the City of Melbourne's BEEB to present an energy efficiency strategy for the City. John Constantinide assisted with drafting documentation and strategies. ASHRAE Standards 62.1, 90.1, and 211 were highlighted in the recommended strategies.
2. In collaboration with USGBC Brevard County, John Constantinide is working with Zach Eichholz, Sustainability Analyst with the City of Cape Canaveral to develop implementation of energy efficiency and resiliency measures. The City is also constructing and renovating buildings to be LEED Silver-certifiable, which comply with ASHRAE Standard 90.1 per LEED v4.0.
3. In collaboration with USGBC Brevard County, John Constantinide is working with Nick Sanzone, Sustainability Officer with the City of Satellite Beach, on more effective outreach to City residents on adopting residential energy efficiency measures.

### **3. Government Participation**

1. Bruce Lindsay was appointed to the City of Melbourne's BEEB.
2. Bruce Lindsay and John Constantinide are being considered as appointees to the Brevard County Workgroup for Innovative Solar Energy Resources (WISER).



October 2019 Edition

Upcoming Events

Wednesday, October 2<sup>nd</sup>, 2019

- Monthly meeting

Saturday, October 12<sup>th</sup>, 2019

- Golf Tournament

**SWFL ASHRAE Chapter Meeting Announcement**

**Date:** Wednesday, October 2nd, 2019  
**Location:** Crowne Plaza at Bell Tower Shops  
**Start Time:** 5:30 p.m. to 6:45 p.m.      **Networking**  
6:45 p.m. to 8:00 p.m.      **Dinner Meeting and Main Program**  
**Cost:** COST: \$35.00 PER ATTENDEE – RESERVATIONS ARE A MUST  
NO COST FOR COLLEGE STUDENTS WITH A VALID STUDENT I.D.  
Pre-Pay on our chapter website [www.swflashrae.org](http://www.swflashrae.org)  
RSVP by 01OCT19 via the following link:  
[https://docs.google.com/forms/d/1uJva14uNyt5bD0BQjoculen- ul5gBCMoBbjys7Rx44o/viewform?edit\\_requested=true](https://docs.google.com/forms/d/1uJva14uNyt5bD0BQjoculen- ul5gBCMoBbjys7Rx44o/viewform?edit_requested=true)

**\*\*Student Activities Promotion Night\*\***

**\*\*Joint Meeting with AIA Florida Southwest Chapter\*\***



▶ ASHRAE Region XII





# ASHRAE Region XIII

## RVC Government Affairs Report

***Dr. Sam C. M. Hui***

Regional Vice Chair - Government Affairs

ASHRAE Region XIII

[sam.cmhui@gmail.com](mailto:sam.cmhui@gmail.com)

January 2020



# Region XIII GA Chapter Chairs (2019-2020)

- ▶ Singapore: Mr Whei Meng PUNG
- ▶ Hong Kong: Dr Jacob YIU Chi Man
- ▶ Malaysia: Mr Swei Keong CHEA
- ▶ Taiwan: Miss Ming-Chuan LEE
- ▶ Philippines: Mr Cesar Luis D L LIM
- ▶ Thailand: Mr Pachern SANGBUTSARAKUM
- ▶ Indonesia: Prof Ari Darmawan PASEK
- ▶ Japan: --- (2018-2019: Dr Junta NAKANO)
- ▶ South Korea: Mr Sangtaek OH
- ▶ Macao: Mr Wai Long CHOU

# ASHRAE Region XIII CRC, 23-24 Aug 2019, Malaysia



# ASHRAE Region XIII CRC

## 23-24 Aug 2019, Malaysia

▶ Agenda:

- GAC training & updates
- Technical talk: the Kigali Agreement for Refrigerant, by Mr Cesar LIM (Philippines Chapter)
- Discussion on Building EQ & ASHRAE Standard 211

▶ Main discussion issues:

- Alternative refrigerants & implications
- Building energy code updating
- Local, regional and global policies

# PAOE-GA: 2019-2020

(Up to 16 Jan

2020)

- ▶ 1. Philippines: 300
- ▶ 2. Malaysia: 1100
- ▶ 3. Taiwan: 0
- ▶ 4. Indonesia: 400
- ▶ 5. Thailand: 600
- ▶ 6. Hong Kong: 3650
- ▶ 7. South Korea: 0
- ▶ 8. Macao: 800
- ▶ 9. Singapore: 200
- ▶ 10. Japan: 0



# Chapter visits

- ▶ Completed: (1 Jul 2018 to 10 Jan 2020)
  - 5 nos. (Hong Kong, Indonesia, Japan, Malaysia, Taiwan)
- ▶ Scheduled: (Jan to Aug 2020)
  - ▶ 2 nos. (Indonesia, Macao)
- ▶ Under planning: (2020 to 2021)
  - ▶ 4 nos. (Philippines, Singapore, South Korea, Thailand)

# Government Affairs Committee: Region at Large Report

- ASHRAE Region at Large
- 2020 Winter Conference -Orlando
- *Gian Modgil, ASHRAE RVC-RAL*

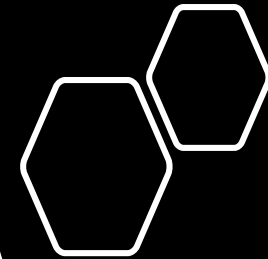




## Region-at-Large

"Where Things Happen"

SUB REGION - I	SUB REGION - II
• CAIRO	• INDIA
• PAKISTAN	• BANGALORE
• ASHRAE FALCON	• SRI LANKAN
• NORTHERN PAKISTAN	• CHENNAI
• QATAR ORYX	• PUNE
• ASHRAE NIGERIA	• WESTERN INDIA
• TURKISH	• MUMBAI
• SOUTH AFRICA	• DECCAN
• PYRAMIDS	• BANGLA DESH
• KUWAIT	• EAST INDIA
• FAISALABAD	• RAJASTHAN
• JORDAN	• CHANDIGARH
• BAHRAIN	
• LEBANESE	
• SAUDI ARABIA	
• CENTRAL PAKISTAN	





# Region Summary

**Total 28 Chapters in the Region at Large**

**16 Chapters in Sub Region I**

**12 Chapters in Sub Region II**

**All Chapters have GAC Chairs**

**CRC – September 27-29, 2019 at Amman, Jordan**

**22 Members including 14 GAC Chairs attended GAC Workshop**

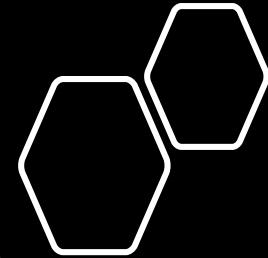


2019 Region-at-Large Chapter Regional Conference

Grand Hyatt hotel, Hussein Bin Ali St., Jabal Amman, Amman, Jordan • September 26<sup>th</sup> to 29<sup>th</sup> 2019

# POAE STATUS

Chapter#	Chapter Name	Government Affairs: Minimum 500; PAR 650
158	INDIA	0
160	SAUDI ARABIA	0
161	CAIRO	50
162	LEBANESE	0
163	WESTERN INDIA	0
164	KUWAIT	0
169	ASHRAE BANGALORE	0
171	SRI LANKAN	0
174	PAKISTAN	0
175	ASHRAE FALCON	0
179	NORTHERN PAKISTAN	0
181	BAHRAIN	0
184	QATAR ORYX	0
185	CHENNAI	0
186	PUNE	0
187	ASHRAE NIGERIA	0
188	ASHRAE MUMBAI	0
189	CENTRAL PAKISTAN	0
191	ASHRAE DECCAN	0
193	TURKISH	0
197	BANGLADESH	0
207	SOUTH AFRICA	150
210	FAISALABAD	0
211	PYRAMIDS	1100
212	JORDAN	0
213	KOLKATA	0
214	CHANDIGARH	0
215	RAJSTHAN	0



# CHAPTER VISITS

Name	Regional Position	Date	Chapter/Location
1. Gian Modgil	RVC –GA-RAL	19-20 <sup>th</sup> July 2019	Ahmadabad/India
2 Gian Modgil		23-25 <sup>th</sup> July 2019	Beirut / Lebanon
3. Gian Modgil & Kanagraj	RVC–GA- RAL ARVC-GA-RAL	2 <sup>nd</sup> August 2019	GAC Chair Training Delhi
4. Gian Modgil & Kanagraj	RVC–GA- RAL ARVC-GA-RAL	27-29 <sup>th</sup> Sep. 2019	Amman Jordan
5. Gian Modgil		Nov 2019	Cairo
6. Gian Modgil		22 <sup>nd</sup> Nov 2019	Pune
7. Gian Modgil		13 <sup>th</sup> January, 2020	Goa
8. Gian Modgil & Kanagraj	RVC–GA- RAL ARVC-GA-RAL	15 <sup>th</sup> January, 2020	Kolkata
9. Gian Modgil		18 <sup>th</sup> January, 2020	Chandigarh



---

# **Regional Level Activities Government Outreach 2019-20**

# ASHRAE's Mumbai Chapter Chair Meets with Policymakers in Goa, India



*Left to Right: Dr. Joe De Souza, Eminent Scientists, GOA University, MLA Aleixo R. Lourenco, and ASHRAE Mumbai Chapter GAC Chair Mahesh Prabhu*

**ASHRAE GA  
Update  
August 1, 2019**

# Sub Region-I GAC Chairs meet, Delhi, India



Delhi, August 2, 2019

REDMI NOTE 6 PRO  
MI DUAL CAMERA

# Western India Chapter Members Discuss ASHRAE Resources with Policymakers



*ASHRAE members of the Western India Chapter, Mr. Vijay Panchal and Ms. Aditi, meet with policymakers in India's Gujarat State*

**ASHRAE GA  
Update  
August 15, 2019**

# UNIDO and ASHRAE Members Choose Winners of the 'Innovation Challenge in Space Conditioning' Competition



*Members of the selection team including ASHRAE members Chandrasekaran Subramaniam and Gian C. Modgil, who are 3rd and 4th from the right*

**ASHRAE GA  
Update  
September 12,  
2019**



# ASHRAE Cairo Chapter Signed an MOU with Energy Ministry of Egypt



**CAIRO**  
**November 12,**  
**2019**

# ASHRAE's 7th International Conference on Energy Research and Development in Kuwait



**ASHRAE GA  
Update  
December 12,  
2019**

# ASHRAE Members Meet with Policymakers in India at a Workshop on Affordable Heating and Cooling of Buildings



**ASHRAE GA  
Update  
December 12,  
2019**

# Day on the Hill by ASHRAE Mumbai with Hon. Dy Chief Minister and Chief Town Planner of Goa, India



Goa, India  
January 13,  
2020



# GAC Winter Meeting February 1, 2020 Region VIII Report



Chad Smith  
Region VIII RVC, 2017-2020  
February 1, 2020

# Year to Date Region VIII PAOE

Chapter #	Chapter Name	Area Assigned Members	Terms For Chair	PAOE Points
62	Arkansas	235	2	50
64	Houston, TX	766	1	1450
65	Alamo – San Antonio	232	1	0
66	Austin, TX	363	1	700
67	Dallas, TX	707	4	0
68	Central Oklahoma	287	6	300
69	Northeastern OK	198	1	900
70	Ft. Worth, TX	296	1	300
71	West Texas	83	2	0
91	East Texas	125	NA	0
154	South Texas	63	3	0
165	Mexico City	102	3	0
166	Monterrey, MX	134	1	1500
173	Guadalajara, MX	31	3	0
208	Northwest Arkansas	129	1	0

# Highlights & Updates

- 14 of 15 chapters have GAC committee chairs...on their CIQ
- 7 of the chapter chairs are returning chairs with 5 of them serving a 3<sup>rd</sup> or more consecutive term. This typically means more active chapter, but not always true.
- 7 first time GAC chapter chairs – Training and sharing ideas critical
- 7 chapters reporting PAOE points
- 5 chapters have active GAC programs
- 2 state Outreach Days confirmed, working on 3<sup>rd</sup>.

February 1, 2020 – Orlando, FL

# Successes & Opportunities

- Oklahoma chapters pushed for 2 pieces of legislation in this year's session. One was moved forward, but other was not.
- Northeastern Oklahoma had State senator speak to chapter regarding recent passage of C-PACE program.
- This is off year for Texas legislature year. Encouraging chapters to focus efforts locally to schedule meetings with state and federal legislators at home offices.
- Monterrey Chapter has participated in Women in Energy summit and in Energy Cluster panel discussion promoting ASHRAE standards



# Region Successes – Monterrey Chapter

**Monterrey Chapter – Sponsored Technology Summit with Secretary of Sustainability and local University**



**February 1, 2020 – Orlando, FL**

# Region Successes – Central and Northeastern Oklahoma

**Central Oklahoma & Northeastern Oklahoma Chapters – Held 5<sup>th</sup> consecutive Outreach Day in 2019. Had meetings with over 22 legislators.**



**February 1, 2020 – Orlando, FL**

# Challenges & Opportunities

- Still have 3 chapters with no current GAC chair
- This is an off legislative year in Texas. Trying to avoid taking a step back on momentum built last year.
- With 3 Mexican chapters, there is the challenge of having different government structures than the U.S. state governments
- Trying to encourage chapters to put on a training event in coming year.

# Future Action Items

- Schedule more follow ups on MBO progress with each chapter chair.
- Help the active Texas chapters coordinate state and federal visits at legislators home offices
- Work with Dallas chapters to highlight the success of their code official training seminars and share that with other chapters in the region.
- Work with NW Arkansas and Arkansas chapters to leverage members connections to kick start GAC program

**Government Affairs Report  
2020 Region IX  
Winter Meeting**

Andrea Phillips

# GAC RVC Report



- 2019 – 2020 Data (as of January 2020):
  - 10 chapters reporting PAOE
    - 1 chapter achieving Society PAR already
    - 8 more chapters half way or more towards Society MIN
    - Highest point total is 700 by Utah
  - 11 of 12 chapters have a GAC Chair. Looking to find a chair for Black Hills.
  - 2 Chapters present at CRC training (2 GAC chairs)
  - 10 chapter chairs sent written goals for the year
  - One chapter visit to the Rocky Mountain Chapter

Chapter Number	Chapter Name	Members	GAC PAOE Points
53	Kansas City	661	300
72	El Paso	49	200
73	Rocky Mountain	953	400
74	Utah	321	700
75	Nebraska	375	500
76	Wichita	139	100
77	New Mexico	151	0
93	South Dakota	125	400
127	Black Hills	51	0
131	Big Sky	122	0
135	Idaho	166	300
148	Pikes Peak	127	400
150	Ozarks	73	300

# GAC RVC Report



- 2019 Government Outreach Days
  - El Paso has had two days – Nov. 19<sup>th</sup> and 20<sup>th</sup> with City of El Paso and Fort Bliss Officials (Trent Hunt attended both)
- 2020 Government Outreach Days in Planning stages:
  - Missouri
  - Nebraska
  - Kansas
  - South Dakota
  - Utah
  - Idaho

## 2019 / 2020 Community Involvement with STEM Outreach

- Utah
- Kansas City



# GAC RVC Report



- **Current Hot Topics:**

- Nebraska: Bill was passed to have a statewide minimum energy standard (2018 IECC). To be implemented July 2020.
- Utah: Bill passed to update energy code to ASHRAE 90.1-2016
- Kansas City: Continue to build lasting relationship with Johnson County Building Officials Association and Andrea Phillips (RVC) has been contacted to provide ASHRAE 90.1 / 90.2 training at a conference offered by JOCOBO in both March and October 2020.
- Sioux Falls is in discussion with City of Sioux Falls to update the enforced energy code from 2009 IECC to 2012 IECC.
- New Mexico is debating updating their state wide minimum energy standard.

- **Success Stories**

- October 4 Proclamation of Energy Efficiency Day in Sioux Falls at request of Kasey Abbott (SD GAC Chair)
- Springfield, MO updated to 2018 I-Codes, including IECC with Ozark Chapter ASHRAE involvement as industry expert.
- Johnson, County KS has all jurisdictions updated to 2018 I-Codes, including IECC with KC Chapter ASHRAE involvement as industry expert.
- Ozarks has joint meeting planned with AIA.
- Kansas City hosted joint meeting with AIA.
- El Paso has had two government out reach days this year – their first ever!



- Lesson Learned:
  - Continuity: The chapters that seem to have the most success show continuity between GAC committee chairs (or co-chairs) year-to-year
  - Government Outreach: This can be a fluid definition for chapters that are very remote from their state capitol to include meetings with city officials, county government officials, or school districts and these meetings tend to be very successful in terms of attendance.

# GAC RVC Report



- Served on the Public Policy Subcommittee
  - Reviewed PPIB #4 (Consensus Standards)
  - Attendance at all GAC committee and PP sub committee meetings this year.

# GAC RVC Report



- 2019-2020 RVC Goals
  - Visit one chapter in the region other than home chapter (Complete)
  - Maintain presence on KC chapter of GAC committee to assist with transition (Complete)
  - Help Denver chapter get new GAC chair and provide assistance with changeover (Complete)
  - Encourage every chapter:
    - To have a GAC chair (in progress)
    - To maintain PAR or better in PAOE (in Progress)
    - To host a Government Outreach Day (in progress)

## **MOTION ON MEMBERS COUNCIL REFERRALS**

**Motion:** That the Government Affairs Committee (GAC) send the attached responses to Members Council concerning two motions referred to the GAC.

**Background:** Members Council referred on September 13, 2019 two motions from Region XI (Oregon Chapter). Those motions and the background provided from Region XI are included in the attached draft response. The GAC Executive Subcommittee considered these motions at its November 13, 2019 meeting. Both of the motions were opposed by the GAC Executive Subcommittee unanimously by voice vote. The rationale for those votes is provided in the attached draft response to Members Council.

**Fiscal Impact:** NONE.

**Vote:**

**TO:** Joyce Abrams and Vickie Grant, Members Council Staff

**FROM:** Walid Chakroun, Government Affairs Committee Chair

**DATE:** February 1, 2020

**SUBJECT:** Response from the GAC to Members Council Referrals: Motions 24 and 25

---

During the Members Council June 2019 meeting in Kansas City, the motions below were referred to the Government Affairs Committee (GAC) for consideration. Below are responses from the GAC that were considered by the GAC Executive Subcommittee on November 13, 2019 and by the full committee on February 1, 2020.

**Region XI (Oregon Chapter) – Motion 24 (06/25/2019):**

That Society Government Affairs Office write a letter urging the US President to submit the Kigali Amendment to the Montreal Protocol to the US Senate for ratification.

Background: See CRC Motion 8 (Motion 25 below), for background content.

Fiscal Impact: Unknown.

**GAC Response:**

The Government Affairs Committee (GAC) reviewed this request and was not in favor of the motion. The GAC considered this motion, and found it to be too political and U.S.-centric. The GAC has been charged with establishing ASHRAE as a “leading source for expertise in the built environment and a resource for policy-makers in the development of legislation and regulations affecting the public, the HVAC&R community, and the engineering profession.” There is no charge to the GAC or to ASHRAE to provide strategic or political guidance to policy makers or elected officials. The GAC will continue to monitor whether the Kigali amendment is advanced to the U.S. Senate for its advice and consent.

**Region XI (Oregon Chapter – Motion 25 (06/25/2019):**

That Society add “Advocate phaseout of HFC refrigerants in the United States” to the 2019-2020 Public priorities list.

Background: Finalized in 1987 and ratified by the United States and Canada in 1988, the Montreal Protocol was an international agreement that phased out the use of ozone-depleting substances, including many common refrigerants. The most common class of replacement refrigerants are known as HFCs (hydrofluorocarbons), and are among the most commonly used refrigerants to date. HFCs are not ozone-depleting substances, but in recent years have been identified as significant greenhouse gases, with global warming potential (GWP) from 140 to 11,700 times that of carbon dioxide (over a 100-year lifespan).

In 2016, the Kigali Amendment to the Montreal Protocol aimed to use the framework of the existing Protocol to regulate and eliminate HFCs from global use. In the face of global temperature rises of over 2C, the international community recognized that HFC phase out could be the single most effective action

the world could take to reduce the impacts of global climate change.

Fifty three countries have ratified the Kigali Amendment to date, including Canada. The phaseout timeline of the Amendment began in January of 2019, and countries who have ratified are beginning to phase HFCs out of use.

The United States has not yet ratified the Amendment. The United States participated in the Summit, and the EPA appeared poised to regulate HFCs, issuing a 2016 rule after the Kigali summit that would have extended the EPA's authority over certain air pollutants to include HFCs (allowing regulation of leakage and refrigerant management). However, in 2018, judges ruled that the EPA had overstepped its bounds in using the Clean Air Act to regulate HFCs, and the future of HFC regulation and phaseout in the US is uncertain.

**ASHRAE has previously written position papers and provided commentary in support of responsible refrigerant management.<sup>1</sup>**

In 2018, the EPA proposed revisions to Clean Air Act rules that would have required refrigerant management for only ozone-depleting refrigerants (not HFCs). In November of 2018, ASHRAE provided comments indicating support for regulatory management of all refrigerants (including HFCs) and urging the EPA to reconsider the proposed action.<sup>2</sup>

In ASHRAE's 2018 position document on refrigerants, ASHRAE recommended the following efforts for governmental and nongovernmental institutions:

- “Develop relevant measures that promote the use of lower total system GWP (refrigerant charge multiplied by the GWP of the refrigerant) and energy-efficient HVAC&R systems.
- Introduce procedures and guidelines, working with the United Nations Environmental Programme (UNEP) and other organizations and regulatory bodies, to enable sustainable procurement policies that promote the deployment of lower total system GWP refrigerants and their responsible use while commissioning, operating, and servicing HVAC&R systems.<sup>3</sup>”

In June of 2018, ASHRAE published the “ASHRAE Position Document on Climate Change” that outlined ASHRAE's position and recommendations. The position document states:

“ASHRAE holds the following strong positions:

- Climate change is the most formidable environmental challenge ever faced by society.....
- **ASHRAE members and staff should become actively involved worldwide with policy-setting entities to encourage sound, balanced, and innovative actions to address long-range environmental problems and the conditions that result from them.”<sup>4</sup>**

ASHRAE actively supports the research of alternative refrigerants to HFCs, including mildly flammable refrigerants that are a direct substitute for high-GWP HFC refrigerants.

**HFC phaseout is an important step to reducing the impact of global climate change.**

Recent studies indicate that global HFC phase out could result in avoided 0.5C of warming.<sup>5</sup> This action alone could be the “largest temperature reduction ever achieved by a single agreement.”<sup>6</sup>

**These actions are in line with ASHRAE’s mission, and ASHRAE members and constituents are in favor of HFC phase out.**

ASHRAE members and volunteers are in support of HFC phase out. A coalition of 32 HVAC company executives submitted a letter in May of 2018 urging the President of the US to submit the Kigali Amendment to the US Senate for ratification.<sup>7</sup>

<sup>1</sup><https://www.ashrae.org/File%20Library/About/Government%20Affairs/Public%20Policy%20Resources/ASHRAE-Comment-Letter-on-EPA-Section-608-Proposal-FINAL.pdf>

<sup>2</sup><https://www.ashrae.org/File%20Library/About/Government%20Affairs/Public%20Policy%20Resources/ASHRAE-Comments-on-EPA-Refrigerants-Proposed-Rule.pdf>

<sup>3</sup><https://www.ashrae.org/File%20Library/About/Position%20Documents/Refrigerants-and-their-Responsible-Use.pdf>

<sup>4</sup><https://www.ashrae.org/File%20Library/About/Position%20Documents/ASHRAE-Position-Document-on-Climate-Change.pdf>

<sup>5</sup><https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2700150/>

<sup>6</sup><https://www.theguardian.com/environment/2016/oct/15/climate-change-environmentalists-hail-deal-to-limit-use-of-hydrofluorocarbons>

<sup>7</sup>[http://www.r744.com/articles/8324/hvacand\\_r\\_firms\\_urge\\_trump\\_to\\_refer\\_kigali\\_amendment\\_to\\_senate](http://www.r744.com/articles/8324/hvacand_r_firms_urge_trump_to_refer_kigali_amendment_to_senate)

Fiscal Impact: Unknown.

#### **GAC Response:**

The Government Affairs Committee (GAC) reviewed this request and was not in favor of the motion.

The Public Policy Priorities for 2019-2020 were already approved by the Board of Directors at the 2019 Annual Meeting in Kansas City, so they are finalized. In addition, the GAC wanted the region to be aware that the approach of the Kigali Amendment is to **phase down** HFCs over time rather than to phase them out. Further, high-GWP HFCs are targeted, rather than all HFCs. Finally, ASHRAE is a global society, and we should not focus only on the U.S.

The GAC thanks Region X and the Oregon Chapter for considering this important policy matter. The GAC will consider including in its 2020-2021 Public Policy Priorities a statement on refrigerants, which will be derived from the positions in the ASHRAE June 2018 Position Document titled, “Refrigerants and their Responsible Use,” which are listed below:

- Selection of refrigerants and their systems must be based on a holistic analysis including energy efficiency and performance attributes, environmental impacts, employee and public safety, and economic considerations. A refrigerant should not be selected based on any one single factor such as GWP, operating pressure, flammability, etc. The wide range of HVAC&R applications and their requirements throughout the world necessitates a variety of refrigerants to meet these needs.



- To limit direct and indirect impacts on the environment, emissions of refrigerants should be reduced through research, education, improved design, manufacturing/construction of equipment, field commissioning, maintenance procedures, decommissioning, and enforcement of applicable standards and regulations.
- Where possible, refrigerants should be safely recovered for reuse, recycle, reclamation, or destruction during service or at the end of the life of the equipment. Refrigerant inventory and management programs should be implemented to closely track refrigerant use.
- ASHRAE encourages and supports ongoing efforts to develop new refrigerants and improve the application of existing refrigerants to meet these criteria.





**MOTION ON MEMBERS COUNCIL REFERRAL #7c**

**Motion:** That the Government Affairs Committee (GAC) send the attached response to Members Council Motion #7c from Region IX – Kansas City Chapter.

**Background:** Members Council referred on January 21, 2020 a motion from Region IX – Kansas City Chapter. The motion and the background provided from Region IX are included in the attached draft response.

**Fiscal Impact:** NONE.

**Vote:**

**TO:** Joyce Abrams and Vickie Grant, Members Council Staff

**FROM:** Walid Chakroun, Government Affairs Committee Chair

**DATE:** February 1, 2020

**SUBJECT:** Response from the GAC to Members Council Referrals: Motions 7c

---

During the Members Council November 2019 meeting in Atlanta, the council referred the motion below (Motion 7c) to each of the Grassroots Committees for review to determine what works best for them and if their specific ROB should be updated as suggested in the motion. Below is the response from the GAC, which was considered by the full committee on February 1, 2020.

**Region IX (Kansas City Chapter) Motion 7c (11/14/2019):**

That the candidate requirements for all Regional Vice Chair positions be revised except for the YEA Regional Vice Chair as follows:

“Regional Vice Chairs shall hold Member grade or higher in the Society, shall have been in the grade of Member and in good standing ~~for three years prior to the start of their terms.....~~”

**Background:** This motion standardizes all RVC position qualification requirements and allows the best leader to be nominated regardless of age.

Current RVC candidate requirements require you to have a Member Grade for 3 years before being eligible for nomination. That means the earliest you could be eligible to be nominated for an RVC position is 7 years out of college because the earliest you can become a Member is a minimum of 4 years after college (12 total points or years are needed with 4 points for graduating from an accredited school, 4 points for a PE, and one (1) point for each year in the industry after you receive your PE). This assumes that individual gets their PE as soon as they are eligible out of school. There is a common trend of burnout of ASHRAE volunteers. Once people complete their local chapter’s board of governors chairs, many are burned out from the volunteer time commitment to ASHRAE and they lose interest in taking on positions at the Regional level. By the time people are eligible to apply to be an RVC, timing isn’t ideal because people aged in their early 30’s are getting busier with their careers and family life resulting in less time available to volunteer/travel. Making requirements for RVC nominations less stringent in terms of age/experience will lead to more candidate nominations, will reduce the need to get exceptions/variances for people who are nominated who don't meet the requirements, will encourage younger candidates to get involved at a Regional level, and will help better diversify ASHRAE Society.

It is a common occurrence that exceptions are taken to the qualification requirement, this motion would reduce/eliminate the need for exceptions.

What if people are concerned that reducing the requirements (age/years in the industry) will lead to unqualified nominees? The nominating process requires candidates nominated to be qualified individuals. Delegates and alternates are aware of requirements of each RVC position and are dedicated to only nominating candidates who would be a good fit for the job.

**GAC Response:**

The Government Affairs Committee (GAC) reviewed this request and [was not/ was ] in favor of the motion. The GAC vote was XX-XX-XX.



**ASHRAE UPDATE**  
**ExO Report to Committees**  
**ASHRAE Winter Conference**  
**Society Year 2019-20**

In all your interactions at these meetings,  
please remember...

## Code of Ethics

*“As members of ASHRAE or participants in ASHRAE activities, we pledge to act with honesty, fairness, courtesy, competence, integrity and respect for others in our conduct. We will avoid conflicts of interest and behavior that is discriminatory and/or harassing.”*



# President's Luncheon



**Monday, February 3**  
**12:15 – 2:00 pm**

*Building for People and Performance.*  
*Achieving Operational Excellence.*

**2019-20 ASHRAE President**  
**Darryl K. Boyce, P.Eng**



# Nominations Needed NOW!

- Nominations for appointed standing committees are sought annually
- Speak with your committee ExO if your current appointment ends **June 2020** and you wish to be nominated for another committee Society Year 2020-21
- Self-nomination is also encouraged
- Nominations are due by **mid-February 2020**
- Councils are elected by the Board of Directors, but nominations are welcome



For more information, visit: [ashrae.org/committee-nominations](https://ashrae.org/committee-nominations)



# ASHRAE Commercialism Policy

ASHRAE's Commercialism Policy allows for Society activities that fulfill the mission of technological advancement with adherence to business plans that generate income to offset operational expenses such as AHR Exposition, ASHRAE periodicals, website, and Society conference events such as the Welcome Party, luncheons, registration kits, and receptions.

## Principles for Managing Advertising and Sponsorships

- Content should be labeled as advertising or sponsored.
- Use of commercial names and logos shall not imply ASHRAE endorsement, approval or certification of products or services.
- The inclusion of commercial information shall be fair and unbiased so as to avoid explicit promotion of a product or commercial entity.
- Content shall adhere to accepted business practices specified by the U.S. Federal Trade Commission and recognized publishing authorities.
- Activities including events at chapter meetings shall be managed to prevent an atmosphere in which commercial entities are encouraged to critique one another in the public forum.

For more information, visit: [ashrae.org/commercialism](https://ashrae.org/commercialism)



# Proposed Bylaw Change

## PROPOSED BYLAW CHANGES

*The proposed changes are noted in red text below.*

**Section 3.3 Voting.** At any annual, winter, or special meeting, each voting member, as defined in Section 2.11, shall be entitled to one vote, which may be cast in person or by proxy. A proxy shall not be valid longer than three months from its date of execution.

Nominations shall be put forward by the Nominating Committee as hereinafter provided in Section 7.6.

Nominations may also be made in writing by petition signed by not fewer than ½ of 1% of the fifty members eligible to vote. No more than 50% of the petitioners belonging to any single region shall count towards the required minimum. The minimum number of members eligible to vote shall be based on the Society's membership roster as of the first day of the Society year. Upon presentation of such nominations by petition to the Secretary with each nominee's written consent, not less than one hundred twenty days prior to the first session of the annual meeting, the nominees' names shall be placed upon the ballot. A notation on the ballot shall indicate that such nominees are presented by members independent of the Nominating Committee.



# Sexual Harassment

**The Society takes Sexual Harassment seriously and does not condone it.**

Every employee is given our policy in the Employee Handbook and all members can read our policy here:

<https://www.ashrae.org/about/governance/ashrae-discrimination-and-harassment-policy>

**All instances of harassment must immediately be reported in writing to ASHRAE's Executive Vice President.**

Any member found to have violated this policy will be subject to disciplinary action, up to and including expulsion from membership in accordance with the Code of Ethics Enforcement Procedures and ASHRAE's Bylaws.

**ASHRAE is committed to educating members to eliminate all instances of sexual harassment. The Society will soon deploy an online training program to Society volunteers to help educate and protect all members, and to sustain the professional environment members deserve and expect.**

This training will be a requirement prior to serving on certain standing committee and/or leadership position.

Please contact [hr@ashrae.org](mailto:hr@ashrae.org) to arrange to take the training before assuming a leadership position.



# ASHRAE's New Global HQ



**180 Technology Parkway  
Peachtree Corners, GA**

- Renovation kick-off Jan. 10, 2020
- Corporate and all-member fundraising campaign progressing well
- Showcases a net-zero-energy ready building
- Demonstrates the latest HVAC&R equipment and technology
- Move expected by October 2020

Design team members were chosen based on an RFP, competitive bids and committee interviews. The design team includes: McLennan Design, Houser Walker Architecture and Integral Group.

Project Management: Collins Project Management

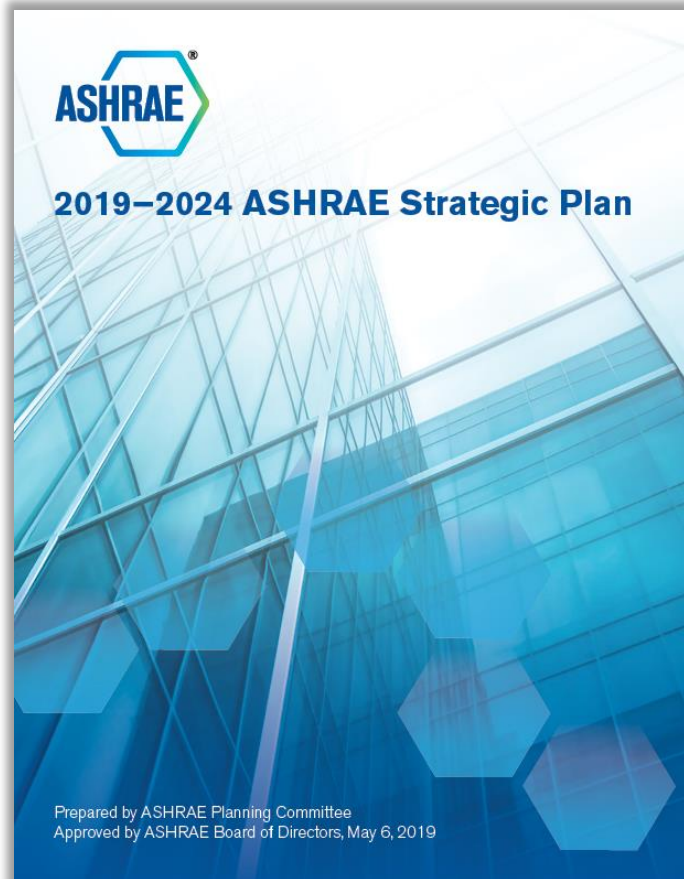
Construction Manager at Risk: Skanska

Commissioning Agent: Epsten Group

For more information, visit: [ashrae.org/newhq](https://ashrae.org/newhq)



# 2019-2024 ASHRAE Strategic Plan



## Mission

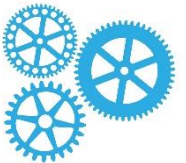
To serve humanity by advancing the arts and sciences of heating, ventilation, air conditioning, refrigeration and their allied fields.

## Vision

A healthy and sustainable built environment for all.

**Strategic Plan Resources available** [ashrae.org/strategicplan](https://www.ashrae.org/strategicplan)

- Full **2019–2024 Strategic Plan** in PDF format
- Quick and Simple **Strategic Plan At-a-Glance** in PDF format
- **Strategic Plan Presentations**
  - 2019–2024 ASHRAE Strategic Plan Overview PPT
  - Recordings of *Kansas City Seminar 27: The ASHRAE 2019-2024 Strategic Plan: What and Why* in MP4 format



# ASHRAE Certification

## Digital Badging Launched

- Embedded metadata uniquely linked to certificants
- Shareable in electronic media, including LinkedIn and email
- Instant recognition, with real-time, third-part verification



For more information visit: [ashrae.org/certification](https://ashrae.org/certification)



# ASHRAE Resources

**ASHRAE Technology Portal** is your one-stop location for ASHRAE papers, articles, reports, Handbook PDFs, and seminar recordings.  
[ashrae.org/technology-portal](https://www.ashrae.org/technology-portal)

**Online Standards Database** allows access to public review drafts for standards, guidelines, and addenda to submit comments, to do online balloting, and to submit proposals to standards and guidelines.  
[ashrae.org/publicreviews](https://www.ashrae.org/publicreviews)

**Zero Energy Advanced Energy Design Guides** for offices and K-12 schools are available for free download. Multifamily AEDG available Summer 2020.  
[ashrae.org/freeaedg](https://www.ashrae.org/freeaedg)

**Science and Technology For the Built Environment** (*Members Only*) provides free online access to ASHRAE's archival research publication offering comprehensive reporting of original research.  
[ashrae.org/technical-resources/science-and-technology-for-the-built-environment](https://www.ashrae.org/technical-resources/science-and-technology-for-the-built-environment)

**ASHRAE Technical Apps** deliver mobile design, calculation, and analysis tools to the palm of your hand.  
[ashrae.org/technical-resources/technical-apps](https://www.ashrae.org/technical-resources/technical-apps)

**ASHRAE's Free Resources** offer downloads of a variety of well-known resources to everyone.  
[ashrae.org/technical-resources/free-resources](https://www.ashrae.org/technical-resources/free-resources)



# Tech Hour



[ashrae.org/techhour](https://ashrae.org/techhour)

**New!** Tech Hour introduces the latest technical content presented by some of ASHRAE's brightest minds. Tech Hour videos are one hour and conveniently available through the ASHRAE 365 app.

## Access Tech Hour in ASHRAE 365

- Receive one PDH within the first 30 days after each video's publication
- Submit questions to each presenter and read viewer feedback
- New videos published quarterly
  - Tech Hour #1: [Optimize Occupant Health, Building Energy Performance and Revenue through Indoor-Air Hydration](#)
  - Tech Hour #2 coming February 25, 2020: [Where Have All the Ethics Gone?](#)

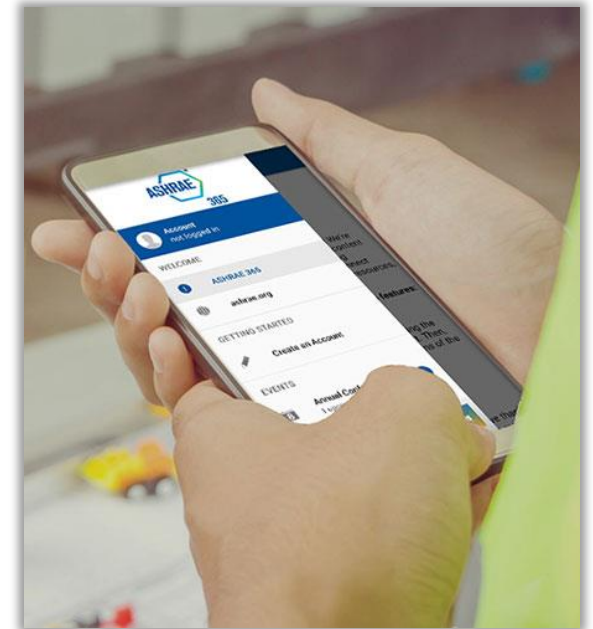


# ASHRAE 365



This **FREE** app provides year-round updates and one-tap access to a range of ASHRAE programs and services:

- Events
- Notifications and news
- Professional development resources
- Volunteer and member resources
- Exclusive technical content
  - Just added **ASHRAE Tech Hour**, which brings the latest technical information in the form of one-hour videos



Learn more and download at [ashrae.org/365](https://ashrae.org/365)



# See You There!

- **AHR Expo 2020**  
*February 3-5, 2020 – Orlando, FL*
  - Booth #3201
  - Receive a limited edition 125<sup>th</sup> anniversary lapel pin
- **RESNET**  
*February 24-25, 2020 – Scottsdale, AZ*
- **ACREX India 2020**  
*February 27-29, 2020 – Noida, Delhi, India*
- **2020 ASHRAE Annual Conference**  
*June 27- July 1, 2020 – Austin, TX*



For more information, visit: [ashrae.org/conferences](https://www.ashrae.org/conferences)





# Questions?

Please let your committee's ExO know how and where you'd like to serve next!



CELEBRATING  
**125**  
YEARS



**Report from Building EQ Committee  
to Government Affairs Committee  
Orlando Winter Meeting – February 2020**

1. Building EQ continues to align the Building EQ Portal with other ASHRAE resources to improve the benefit of the tool to ASHRAE members. The alignment efforts include Standard 211-2018 (Standard for Commercial Building Energy Audits), Standard 100-2018 (Energy Efficiency in Existing Buildings), and the *Performance Measurement Protocols* books.
2. A government oriented PowerPoint presentation was completed and distributed to the appropriate GAC subcommittee for feedback and approval. It provides an overview of the Portal with a focus on how it benefits jurisdictions and municipalities.
3. The committee is making 3 short videos based on a longer, more detailed presentation that will be posted on the Building EQ web pages (expected by March 1, 2020.)
4. Seminar 42: The Rise of Building EQ: Educational Facility Case Studies in Central Florida will be presented on Tuesday February 4, 2020 at 8:00am-9:30am in the Hilton Orlando, room Orange F (LL). The seminar will highlight case studies of the use of Building EQ in several universities and public schools in Florida. The information from those seminar sessions will also be developed into written case studies that can be published and distributed.
5. There will be a Building EQ Portal demonstration at the ASHRAE Winter conference in Orlando on Sunday, February 2, 2020, 4:00pm-5:00pm in the Hilton Orlando, room Orange C (LL). The demonstration will provide an overview of the Portal.
6. The Spanish translation is complete and has been entered into the Portal. I.
7. Life-to-date (LTD) Portal statistics as of January 4, 2020.
  - Users: 1008 (893 at beginning of SY)
  - Projects: 645 (510 at beginning of SY)



**Report from Residential Building Committee  
to Government Affairs Committee  
Orlando Winter Meeting – February 2020**

**INFORMATION ITEMS:**

1. The Residential Building committee (RBC) is in the process of reaching out to residential stakeholders and organizations that are not traditionally ASHRAE members in order to identify critical needs and opportunities for collaboration and growth in the residential sector.
2. RBC has compiled a list of residential themed conferences. RESNET was identified as a high priority for ASHRAE involvement and a free booth has been secured for their February 2020 conference. The outcome of this event will be evaluated for consideration of future ASHRAE involvement in other similar residential conferences.
3. RBC is reviewing past and present residential themed research projects at ASHRAE in an effort to develop processes for identifying, supporting, and promoting research for residential buildings and systems.
4. RBC continues to provide support and input to TC 2.1 and TC 7.6 in the development of WS 1861 Thermal Comfort in U.S. and Canadian residences: indoor conditions, occupant behavior and energy consumption.
5. RBC continues to support efforts to add residential themed sessions to the Technical Program at ASHRAE Winter and Annual meetings.
6. RBC continues to support efforts to submit quarterly residential themed column articles in the ASHRAE Journal.
7. The RBC sponsored Multifamily Design Guide (RP-1821) will be published this year.
8. RBC is exploring how to make residential content in the Handbooks more identifiable.
9. RBC is exploring development of a liaison system for technical and standard committees applicable to residential buildings.