



**Global Technical Interaction Committee  
Meeting Agenda  
Virtual**

Tuesday, 19 March 2024  
8:00 AM – 11:00 AM EST  
1:00 PM – 4:00 PM UTC

**Meeting Link:**

<https://ashrae.webex.com/ashrae/j.php?MTID=m7090f2b9c215943f6da509dc1c433afd>

**Meeting Best Practices Reminders**

- A. Please turn on your camera when you wish to speak during the meeting. Leave your camera on until called on.**
- B. When not speaking, please turn your camera off.**
- C. Please mute your line when not speaking.**
- D. If you aren't able to turn on camera and wish to speak, please send a note in the chat.**

**ATTENDANCE**

	<b><u>Voting Members</u></b>			<b><u>Voting Members Cont.</u></b>	
1	Oludare Soluade (Chair)	X	14	Jaap Hogeling (Consultant)	X
2	Ashish Rakheja (Vice Chair/Coordinating Officer)		15	Eleazar Rivera (Consultant)	
3	Jon Rajala (U.S. TAG to ISO/TC 142 Chair)		16	Henry Yeo (Consultant)	
4	Douglas Fick (Standards Committee Vice Chair)	X		<b><u>Non-Voting Members/Guests</u></b>	
5	Kevin Mercer (Technical Activities Committee Vice Chair)			Susanna Hanson (Ex-Officio)	
6	Steven Bushby (U.S. TAG to ISO/TC 205 Chair)			Ryan Shanley (Staff Liaison)	X
7	Drake Erbe (U.S. TAG to ISO/TC 163 Chair)	X		Kai Nguyen (Staff Liaison)	X
8	Thiam Leong (T.L.) Chen	X		Stephanie Reiniche (Staff Liaison)	
9	Hassan Younes	X		Riley Barta (Purdue)	X
10	Fabio Clavijo	X			
11	Cheng Wee Leong				
12	Jyotirmay Mathur	X			
13	George Pantelidis	X			

1. Call to Order (8:00 AM EST)

A. **ASHRAE VALUES STATEMENT**

*In ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, inclusiveness and respect for others, which exemplify our core values of excellence, commitment, integrity, collaboration, volunteerism and diversity, and shall avoid all real or perceived conflicts of interest. Our culture is one of inclusiveness, acknowledging the inherent value and dignity of each individual. We celebrate diverse and inclusive communities, understanding that doing so fuels better, more creative and more thoughtful ideas, solutions and strategies for the Society and the communities our Society serves. We respect and welcome all.*

**Code of Ethics** – <https://www.ashrae.org/about/governance/code-of-ethics>

**Core Values** – <https://www.ashrae.org/about/ashrae-s-core-values>

**Diversity Statement** – <https://www.ashrae.org/about/diversity-equity-and-inclusion-dei>

## B. **GTIC SCOPE AND PURPOSE**

The Global Technical Interactions Committee (GTIC) shall be responsible for harnessing the technical resources of ASHRAE to influence international standards and maximize the global impacts of ASHRAE standards, guidelines, and other technical work products on the practice of HVAC&R and the built environment. This includes developing, implementing, and managing processes that enable information flow and coordination between chapters, technical committees, standard project committees, and international technical advisory groups. This committee shall inform the ASHRAE leadership and membership of the potential impacts of the activities and making recommendations on new activities and policies in response.

### 2. Welcome

### 3. Review Of Agenda

### 4. Approval Of Minutes Of 21 January 2024 Virtual Meeting – The minutes were approved as presented.

### 5. Approval Of Minutes Of 20 February 2024 Virtual Meeting – The minutes were approved as presented.

### 6. Subcommittee Reports

A. Region and Chapters Interactions Subcommittee – Eleazar Rivera (chair), Hassan Younes (vice chair), Cheng Wee Leong, Jyotirmay Mathur, Fabio Clavijo, TL Chen, Ashish Rakheja, Henry Yeo (consultant) – Hassan – Draft of questionnaire/survey for members has been sent to both Ashish and Olu for feedback and will need updates. Once updated, the questionnaire will be distributed to all committee members and then to the Regional Chapters. Jyotirmay – met with Chapters at ACREX in India. The scope of GTIC was introduced to all Chapters and the group discussed what standards are used in different countries. Jyotirmay now has a knowledge of standards and training requirements, but Jyotirmay only received interaction with presidents and is still in need of information from members.

B. Technical Committees Interactions Subcommittee – Kevin Mercer (chair), Jon Rajala, Drake Erbe, Olu Soluade – Professor Riley Barta from Purdue has been added as a new member of TCIS; he is currently involved in several ASHRAE TCs. Drake has shared with Kevin items in which technical committees can start getting active, so that Kevin can transmit through TAC and get more people involved. Drake – Need more members

involved and we now have succession 3-year plan with training coordinator. TCIS needs to schedule monthly meetings. There are currently eight ISO standards out for systematic review, but the U.S. continues to submit our position as “abstain” because we are not receiving input from the U.S. TAGs. This is one example of why GTIC was formed. We need to continue to promote the committee so that participation in international standards increases. TAC has not reached a point where they sense the importance of the GTIC. Drake is scheduled to meet with the group.

- C. Project Committees Interactions Subcommittee – Doug Fick (chair), Steve Bushby, George Pantelidis, Drake Erbe – The subcommittee has not met since February. The majority of MBOs are complete. Staff prepared has the ASHRAE/ISO matrix which now needs to be distributed to Standards Committee and the SPLS liaisons. Volunteers are aware of opportunities to participate and need to discuss. The last MBO is for training on SSPC 135 (BACnet) as an example for international adoption of an ASHRAE standard. Standards Committee needs to adjust its subcommittee assignments to reflect the disbandment of ILS/ISAS. Doug to schedule a virtual meeting of PCIS.

7. Liaison Reports.

- A. GAC – George is no longer a member of GAC and will need to reengage with the committee to be able to provide updates to GTIC. Olu suggested presenting the purpose of GTIC to GAC and sharing what is being asked from them.
- B. TAC – Kevin will be contacted to ask for a follow-up report.
- C. EPB – The updated Energy Performance of Buildings Directive is expected to be approved in mid-April; it will then be possible to further develop a project plan for revising the standards.

8. Status of MBOs – Staff and Olu to follow up and update MBOs.

9. International/Region Updates – Hassan inquired about further information on the ASHRAE/Empower district cooling standard announced in Chicago; Ryan reported that staff is still awaiting further information on the development timeline. Jyotirmay – IEQ standard Version 3 mentioned in Chicago was released in February and is being used. Fabio – Participated in several seminars in Mexico, Chile, Venezuela, and Colombia. In Chile, GHC group discussed relevance to publish code for Energy and HVAC. Joining HVAC Colombia association to bring ideas, Colombia, Peru has been reaching out to discuss. Peruvian members will be in Chile for meeting. Olu – Asked that Fabio send report over to staff to capture all interactions with countries and discussions. Drake – International Energy Conservation Code is still under appeal. ASHRAE Standard 242P is being developed to provide a common methodology for calculating GHG and carbon emissions from buildings. Per request of the SPC 242 chair, a copy of ISO 52000-3, Energy performance of buildings — Overarching EPB assessment — Part 3: General principles for determination and reporting of primary energy factors (PEF) and CO<sub>2</sub> emission coefficients has been provided to share with the committee.

10. Other Business

- A. Review GTIC presentation at TC Breakfast



GTIC 2024 Winter  
Conference TC Breakf.

11. Review of Action Items – Refer to [Action Items](#) below.
12. Next Meetings – Virtual meetings scheduled for third Tuesday every month, 8:00 AM to 11:00 AM Eastern Time
  - A. Tuesday, 16 April 2024, 8:00 AM to 11:00 AM EDT (12:00 PM to 3:00 PM UTC) – Virtual
  - B. Tuesday, 21 May 2024, 8:00 AM to 11:00 AM EDT (12:00 PM to 3:00 PM UTC) – Virtual
  - C. Sunday, 23 June 2024, 9:00 AM to 12:00 PM EDT (1:00 PM to 4:00 PM UTC) - Hybrid
13. Adjournment (11:00 AM EST)

**GTIC Action Items  
As of 19 March 2024**

**Updated Items Noted in Red**

OPEN ACTION ITEMS				
AI#	Action Item	Assigned	Estimated Completion Date	Status
1	<p>An action item was assigned to the Regions and Chapters Interactions Subcommittee to develop a presentation/document to introduce GTIC to regions and chapters; a roadmap for standards development bodies in each region/country will also be assembled.</p> <p><b>RCIS held a virtual meeting in December. Currently the subcommittee has representatives from Asia and Latin America and is working on identifying and recruiting Middle Eastern members; this is an ongoing action item. RCIS will work to integrate information from each region by the annual meeting. It has been requested that the subcommittee provide feedback on the presentation by the end of February. An idea is in development to have regional coordinators (“local champions”) in each region.</b></p>	RCIS		Open
2	<p><b>An action item was assigned to the all the subcommittees to schedule monthly meetings.</b></p>	<b>TCIS/RCIS/ PCIS</b>		<b>Open</b>

**CLOSED ACTION ITEMS**

<b>AI#</b>	<b>Action Item</b>	<b>Assigned</b>	<b>Completion Date</b>	<b>Status</b>
1	An action item was assigned to all subcommittees to schedule virtual meetings at the earliest opportunity. RCIS and PCIS have each held at least one virtual meeting since the previous GTIC meeting. TCIS will schedule a virtual meeting within the next several weeks following the Chicago conference. Completed	RCIS, TCIS, PCIS	21 January 2024	Closed
2	An action item was assigned to Olu Soluade, Ashish Rakheja, and Ryan Shanley to reach out to Kevin Mercer and Jamie Bennett (as TAC chair) to request an update on when the subcommittee can begin meeting and working. A virtual TCIS meeting will be scheduled in the next several weeks. Completed.	Olu Soluade Ashish Rakheja Ryan Shanley	21 January 2024	Closed
3	An action item was assigned to Steve Bushby, Drake Erbe, and Jaap Hogeling to prepare a draft of needs from the U.S. TAGs to ISO/TC 163 and ISO/TC 205 to be shared with the ASHRAE TC memberships. Experts are needed to review EPB standards and develop comments for U.S. positions. Steve Bushby provided a list to ASHRAE staff of ASHRAE TCs from which recruitment is needed for specific U.S. TAG to ISO/TC 205 advisory panels. Kevin Mercer will share a list of recommendations for Section 4 TCs to target for recruitment. It was asked if a one-year term for StdC and TAC vice chairs is appropriate, or if this is not sufficient time to become involved in the work of GTIC.	Steve Bushby Drake Erbe Jaap Hogeling	21 January 2024	Closed

**CLOSED ACTION ITEMS**

AI#	Action Item	Assigned	Completion Date	Status
4	<p>An action item was assigned to ASHRAE staff to review the Standards Committee and GTIC MOPs (Manuals of Procedures) to develop recommendations for rules changes and assignment of responsibilities for different areas/items; these recommendations will be provided to GTIC and Standards Committee (via PPIS) for review and comment once they are available. This will be reported on at future GTIC and Standards Committee meetings. Ongoing.</p> <p>ASHRAE staff has performed a review of the Standards Committee procedural documents to develop recommendations for rules changes and assignment of responsibilities for different areas/items between Standards Committee and GTIC. PCIS also reviewed and agreed on the proposed revisions. These recommendations were approved in Chicago. Staff has completed corresponding recommended revisions to the GTIC Reference Manual for review, which will require approval by GTIC before taking effect.</p>	ASHRAE Staff	20 February 2024	Closed
5	<p>An action item was assigned to all subcommittees to develop their own MBOs to establish precedents for future work. Subcommittee chairs are expected to provide reports at future meetings.</p> <p>RCIS and PCIS have developed draft MBOs; these have been posted on the GTIC Basecamp. MBOs for TCIS still need to be developed.</p> <p>All subcommittees have developed their own MBOs. Complete.</p>	TCIS	20 February 2024	Closed
6	<p>An action item was assigned to the Project Committees Interactions Subcommittee to review the ASHRAE Strategic Plan and provide feedback on behalf of GTIC.</p> <p>Feedback which was submitted was reviewed during the 20 February 2024 GTIC meeting. Complete.</p>	PCIS	20 February 2024	Closed

**CLOSED ACTION ITEMS**

<b>AI#</b>	<b>Action Item</b>	<b>Assigned</b>	<b>Completion Date</b>	<b>Status</b>
7	An action item was assigned to Doug Fick, Ashish Rakheja, and Cheng Wee Leong will develop comments on the ASHRAE Strategic Plan for submittal on behalf of GTIC. Feedback which was submitted was reviewed during the 20 February 2024 GTIC meeting. Complete.		20 February 2024	Closed