

**ASHRAE Technical Committee 2.5 – Global Climate Change Agenda
2025 Annual Conference
Hybrid Meeting Minutes
Monday, June 23, 2025 – 1:00 PM – 3:00 PM MST**

**ASHRAE Conference - Phoenix
TC 2.5 Meeting Minutes – 6/23/25**

1. Call to Order & Approval of Previous Minutes

- a. ASHRAE Code of Ethics Commitment:
- b. In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, integrity and respect for others, and we shall avoid all real or perceived conflicts of interests. (See full Code of Ethics: <https://www.ashrae.org/about-ashrae/ashrae-code-of-ethics>)
- c. Quorum established:
 - Voting Members Presents:
 - Beth Tomlinson, Chair
 - Elizabeth Jedrlnic, VC
 - Gerardo Alfonso
 - Alamelu Brooks
 - Philip Jarret
 - Janice Means
 - Stephen Spletzer
 - Scott Sherwood
 - Vishnu Reddi
 - Zhaoyun Zeng
 - Voting Members Absent
 - Matthew Clark
 - Renee Clair
 - Enrica Galasso
- d. Quorum met. Previous meeting minutes approved (motion by Janice Means, second by Elizabeth Jedrlnic; vote: 9-0-0).

2. Chair's Report

- a. New ASHRAE Strategic Plan released—climate change and resilience now explicitly included.
- b. Roster updates needed. Chair to engage with members not present.

3. Liaison Reports

- a. ASHRAE Climate Position Document (Carrie Brown):
 - Nearly complete; FAQ section being added.
 - There was a question whether to include or keep distinct from CEBD's document—decision by both Position Document Committees was to keep separate.

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- b. Low-GWP MTG:
 - Formed to support A2L refrigerant transition, is winding down operations
 - Summary of research programs to be presented in Las Vegas (1805 & 1806)
- c. TC 2.8 Sustainability (Janice Means):
 - Collaboration on programs/research encouraged; strong RTAR approval track record.
- d. TC 2.10 Resilience (Beth Tomlinson):
 - Focus on consistent language between the TC's, working with Jason
 - Their MTG is looking to be dissolved, however Beth is suggesting to shift its focus to be based on valued assets
- e. TC 4.2 Climatic Information (Carrie Brown):
 - Updated design conditions for 12,000+ locations
 - reassigning climate zones
 - future weather guideline under development.
- f. TC 9.9 Mission Critical:
 - AI and liquid cooling challenges for data centers
 - Standard 90.4 (93 pages).
- g. Standard 90.1 (Nathan Kigle):
 - Proposal to adopt simplified PRM rating under review.
- h. Standard 240P:
 - Out for final public review.
- i. CEBD (Carrie Brown):
 - Two new guides released
 - 10 active projects, including Equipment lifespan analysis and whole-life carbon gap analysis.

4. Subcommittee Reports

4.1 Programs (Aida Rezaei)

- a. MEP 2040 session planned (2–3 speakers).
- b. Legislative and standards-focused presentations considered (e.g., Standard 240P).
- c. Conference deadlines: All submissions due August 1.
- d. College of Fellows proposes debate with YEA on AI. TC 2.5 to co-sponsor?
- e. Topic areas: Refrigerants & Climate Change; Myths in Renewable Energy; Wildfire smoke resilience; Solar/renewable/battery SMEs requested.
- f. AI Track (Las Vegas): AI Decarbonization & Climate Crisis, nuclear impacts, etc.

4.2 Research (Elizabeth Jedrlinic)

- a. One active RTAR (co-sponsored with 4.2 and 2.8). Additional RTAR being co-sponsored.
- b. New digital RAC submission pilot underway; new RAC liaison assigned.

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- c. Key research directions: climatic data usage survey; data center growth and climate impacts (may begin as program); filter VOC re-emission study (TC 2.3/2.4).
- d. Interest in AI decarbonization research and nuclear micro-generator topics.

4.3 Website (Gerardo Alfonso)

- a. Plan to update handbook chapter references and add links to free authoritative resources (IPCC, position documents).
- b. Proposal for layperson climate-science explanation (Julia, Nathan, Josh). Ensure no conflict with copyrighted/paid ASHRAE materials.

4.4 Handbook (Janice Means)

- a. 2025 Fundamentals Handbook published: no additional updates.

4.5 Standards (not present)

- a. No active TC 2.5 standards; chair requests new ideas.

7. New Business

- a. ALI course (Chrissie Walsh)
 - Open discussion about developing an ALI course about Climate Science
- b. MTG for Climate Adaptation
 - WG 189.3 may already be addressing this issue
 - Creating an MTG would be in line with the new ASHRAE strategic plan
 - Resilience Adaptation vs mitigation adaptation. Although building owners see the direct benefit of resilient adaptation in the short term, they can miss the long-term benefits of mitigation.
- c. Discussion of TC 2.5 scope
 - Questions about relevance of ozone depletion language in the scope
 - Decision to form working group for revision. Chair asked for volunteers
 - Working group members:
 - Scott Sherwood
 - Stephen Spletzer
 - Carrie Brown
 - Elizabeth Jedrlnic
 - Chrissie Walsh (Chrissie.Walsh@uponor.com)
 - Walter V. (walterv@mazzetti.com)
 - Beth Thomlinson

8. Adjournment

Meeting adjourned with no further business.