

**ASHRAE TC 7.6
Building Energy Performance
2025 ASHRAE Annual Meeting**



Tuesday June 24, 2025, 1:00 - 3:00 PM MST, Phoenix, AZ
[Meeting Link](#)

1. Call to order

Webb

13:02 – call to order

2. Review scope

Webb

Technical Committee 7.6 is concerned with the estimation, measurement, analysis, benchmarking, and management of whole building and building systems energy and water performance. This includes performance and resource management of new and existing buildings.

3. ASHRAE Value Statement

Webb

ASHRAE Value 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](#)
[Core Values](#)
[Diversity Statement](#)

4. Introductions

All

- a. Welcome new members and guests
- b. Sign-In

Sign in link: <https://forms.gle/LkPhAefDFpSn8Bi8A>

c. Determination of a quorum

Long

VOTING MEMBERS FOR THIS MEETING (Need larger of 4 VMs or ½+1 VMs for a Quorum)

Name	Roll-Off Date
Hyojin Kim X	6/30/2025
Christine Reinders-Caron X	6/30/2026*
Barry Abramson X	6/30/2026
Scott West X	6/30/2026
Amanda Webb X	6/30/2027

Name	Roll-Off Date
Fred Goldner X	6/30/2027
Yeonjin Bae X	6/30/2028
Brittany Wilkins X	6/30/2028
Steve Carlson X	6/30/2028

**Reinders-Caron rolling off early so she can be VM for her term as Chair*

5. Agenda additions

All

6. Chair's report

Webb

a. Chair's goals

Focus on supporting decarb efforts for ASHRAE. That involves linking our efforts with Center of Excellence for Building Decarbonization (CEBD) and ASHRAE society along with responding efficiently as a TC. More details on the CEBD forthcoming. Gov't affairs is to position ASHRAE based on current events and broader society. They are creating SME's for GOEs (subject matter experts).

b. Announcements and highlights from TC Chairs Breakfast Meeting

ASHRAE has a new strategic plan for 2025-2028. Focusing on IAQ and workforce development.

If you want slide deck, then email Chair.

c. TC 7.6 members honored at 2025 Annual Conference

Awards!

DSA - Stephen Roth

ESA – Adam Hinge, John Constantinides

USGBC/ASHRAE SDP

https://forms.ashrae.org/Forms/PDFdownload_GuideToStrategicDecarbonizationPlanning

7. Approval of minutes from 2025 Winter Meeting (Orlando)

Webb

Reindeers Moved, West Second (9-0-0 CV)

8. Membership/Roster

Reinders-Caron

Starting July 1, 2025: (All voting members, officers, and/or subcommittee chairs)

Name	Role	Voting
Amanda Webb	Chair	Yes
Christine Reinders	Vice Chair	
Nicholas Long	Secretary	Yes
Hyojin Kim	Research Chair	
Chonghui Liu	Standards Chair	
Ali Shirazi	Handbook Chair	
Kajen Ethirveerasingham	Program Chair	Yes
Yeonjin Bae	Webmaster	Yes
Amanda Webb	Monitoring and Energy Performance	
Eric Yang	Energy Management	
Joe Hofstetter	Commercial Building Energy Audit	Yes

Alexander Zhivov	Federal Buildings	
Nicholas Long	Building Data Exchange	
Barry Abramson		Yes
Scott West		Yes
Fred Goldner		Yes
Brittany Wilkins		Yes
Steve Carlson		Yes
Coral Pais		Yes

9. Standing Committee liaison reports

Liaisons

a. TAC Section Head

~~Khanna~~ (Joshua New is new head)

No update, yet.

b. CEBD

Webb

Webb is rolling on CEBD. Will be connecting TC 7.6 efforts/expertise with CEBD. Strategic planning meeting (2 day meeting with new members of CEBD). They developed 5 new themes and the first one is Engineering Guidance and Technical Implementation. Includes multiple 7.6 efforts (211, green book, monitoring, etc.) Theme #2 is business case development, #3 is vision and long term planning. #4 member & industry engagement & knowledge, #5 is AI and Innovation.

Marshall: is there enough engineers to write decarb plans for all the buildings?

There is funding through CEBD, how can TC 7.6 support/help.

TC7.6 co sponsored the Whole Life Carbon Gap Analysis (tc 7.6 voted, results below).

- i. Letter ballot vote 4/15/25 to co-sponsor Whole-Life Carbon Gap Analysis
 - 1. Motion: Approve co-sponsorship of the CEBD project “Whole-Life Carbon Gap Analysis”.
 - 2. Result: 8-0-0-0-CNV in favor of the motion.
- ii. WS for Whole Life Carbon Calculation Guide for Building Systems

Whole Life Carbon Calculation Guide for Building Systems. These can contribute up to 50% (or more) of buildings life cycle carbon. If anyone is interested, contact Amanda Webb TC0706@ashrae.net .

c. Building EQ

Deru

10. Subcommittee reports (Topical)

a. Monitoring and Energy Performance

Webb

~30 people. There are delays on bps compliance cycles. Smaller cities are passing BPS (e.g., Evanston IL). Lots of people have left EIA/CBECS/EPA. Uncertain future for ESPM, but there is discussion on how to keep it going.

DC proposal to delay BEPS, but sounds like that item will be struck.

Backup of ESPM might be happening with <https://www.cambio.ai/news/cambiovault>. Or backup from <https://portfoliomanagerhelp.zendesk.com/hc/en-us/articles/30185780743451-How-to-Download-Portfolio-Manager-Data>. The backups are just the data. Cambio is not a reskin of ESPM. Download your own data and reach out to local officials.

Adam highlighted ASHRAE's stance on efficiency, which includes RECS/CBECS/ESPM. The position document is https://www.ashrae.org/file%20library/about/position%20documents/pd_energyefficiencyinbuildings_2024.pdf

How do we notify higher levels of ASHRAE that losing access to RECS/CBECS would impact the work ASHRAE does? These datasets are invaluable. Amanda will reach out to gov't affairs to raise the concern. Scott West will help. Budget to run ESPM through the end of the year, could take 2-3 months to move.

b. Energy Management

Yang

Mostly discussed programs and research. Application of AI in demand response.

c. Commercial Building Energy Audits

Hofstetter

1. We did not make a lot of progress since winter conference
2. To help improve this, we discussed Tyler being co-lead with me to support the group and to help be available if I can't make a meeting etc. basically looking for help on leadership accountability for the task
3. We are restarting regularly occurring meetings starting 7/7/25
4. Putting a stretch goal to give our effort some completion/closure by winter conference 2026
5. to do this we will be reaching out to delegate some specific task to volunteers. We had some great new members show interest and will be continuing the conversation on the 7th.
6. Different topic... Barry and I continue to provide the ALI course on energy auditing. it continues to get good positive reviews with class sizes in the 15-25 students both in the in person and virtual setting. The green book is starting to show some age. a future agenda item for the subcommittee might be to support updating this ALI

Looking for volunteers – forms, graphics, systems, definitions. Several volunteers. Need to work with Mark Webber and ASHRAE terminology (check online if definitions show up).

d. Federal Buildings

Zhivov

At a crossroads. Most people who would be attending were unable to attend. Looking at what the next steps are for the subcommittee.

e. Building Data Exchange

Long

About 20 people virtual/in-person. Round table on updates on building data exchange related efforts. Quite a bit of discussion on 2 things:

- AI/ML/LLM – e.g., gbXML -> ComCheck
- Audit Reporting data exchange (using something like BuildingSync). Need to figure out how to make it more integrated with existing standards.

We should include the caveat when using AI, as it will/can hallucinate.

11. Subcommittee reports (Functional)

a. Programs

Ethirveerasingham

Might have a mini-track on BPS and related items

Looking for new sessions on BPS (adoption of polices, successes, challenges, performance, etc)

Presentation on Std211

Life cycle of building data and how to optimize interoperability and data exchange.

There is a healthcare (TC 9.6) program that are of interest.

New session idea from Dennis related to water consumption in Vegas.

Programs are due 8/1/2025. Looking for volunteers to chair. Patrick Ryan volunteered.

Abstracts for conference papers (Austin TX) are due November 19.

- November 19: Conference Paper Abstracts Due
- December 12: Abstract Accept/Reject Notifications
- February 25: Debate, Panel, Seminar, Forum, Workshop Proposals Due
- February 25: Conference Papers Due
- March 25: Conference Paper Accept / Revise / Reject Notifications
- April 2: Debate, Panel, Seminar, Forum Workshop Accept / Reject Notifications
- April 8: Revised Conference Papers Due
- April 22: Conference Paper Final Accept/Reject Notifications

b. Research

Kim

ASHRAE has money for research, but RTAR submissions are down, 0 in march, 1 in may. There is a new portal/tool for RTAR submission for dec 15 deadline. They are looking for volunteers to test the portal for the next submission cycle.

New strategic plan – Research Advisory Panel will be developing a new plan. Which will need to be folded into any new RTARS once complete.

WS1972 – liquid cooling resiliency (cosponsored by 7.6), Eric Yang is leading. See subcommittee meeting notes for more details.

Jeff can work with Hyojin to track better. ASHRAE is trying to put all the results of research in one place online.

c. Handbook

Shirazi

Two chapters, we have one year to vote out the changes. Ali is working on compiling feedback. Need support revising the chapters based on the comments. Gourav volunteered.

Issue with the size of applications (too thick) and systems (too thin). Will there be shifting of chapters.

Jeff mentioned the overlap that exists in M&V between tc7.6 and tc4.7. Needs to be clear.

d. Standards

Liu / Webb

SSPC90.1 – letter ballot is out for a simplified modeling approach for smaller buildings.

SPC211 – voting out proposals in July. Lots of work on decarb assessment definition.

GPC14 – working on defining how to do the various analyses (e.g., components, systems). They are working on creating flow charts to improve the intention and instruction. Looking into new construction, ECDM (energy conservation design measures). Working on name change to add in Verification.

Std100 – working on more flexible targets and alternative compliance pathways to improve adoption.

Guideline45P - looking for feedback during public review.

e. Web site

Bae

Chairs, send meeting minutes to Yeonjin. Hyojin to send list of research projects supports to Yeonjin.

12. Old Business

a. Cognizant TC of two older ASHRAE Publications

Webb / Landsberg

- i. Efficiency Guide for Existing Commercial Buildings: The Business Case for Building Owners and Managers
- ii. Efficiency Guide for Existing Commercial Buildings: Technical Implementation

Need volunteers to review and (possibly) revise. Dennis, Jeff Haberl, Craig, Goel volunteered. Landsberg needs to track down the various versions. Barry is asking if these should be updated?

b. TC name change / restructuring ad hoc working group

Webb

1 year ago, 4.7 was suggesting a name change to Building Performance Modeling. At the time, 7.6 felt like the name was too close to Building Energy Performance. Hyojin stated that 4.7 is now looking to rename it as Building Energy Modeling. It will be proposed to TAC.

BUT, TC7.6 is suggesting a new scope to cover emissions and water. Haberl – need to be careful with emissions. West: new scope is pithy, nice. We are tabling the updated scope for now (not by vote).

13. New Business

- a. ASHRAE [Government Affairs Subject Matter Expert \(SME\)](#)

Webb

- b. Request for data to support RP-1964

Yang / Webb

Looking for building data with nighttime setback and/or optimal start. Please send to tc0706@ashrae.net (or directly to Yang).

- c. TC strategic planning

Webb

Webb addressed the need to make efficient use of volunteers time. Exec team is working on discussing what updates to this TC can be made to improve the committee. Haberl mentioned what 7.6 has accomplished over time such as historical documents.

14. Adjourn

Webb

Adjourned at 14:59.