

**ASHRAE TC 7.6 Building Energy Performance  
Standards and Programs Subcommittee  
Monday June 22, 2024 5:30PM EST  
Meeting Minutes**

**Attendees (9): Nicholas Long, CL, Christine, Amanda, Scott, Annie, Thibault, Jamie**

**Standards**

- Standard 100-2024, Energy Efficiency in Existing Buildings
  - New version out! Includes carbon emissions targets. See ASHRAE press release.
  - State of Oregon is adopting Standard 100 for their BPS.
- Standard 105-2021, Expressing and Comparing Building Energy Performance and Greenhouse Gas Emissions
- Standard 211-2018, Standard for Commercial Building Energy Audits
  - Reconstituting the committee - the roster is submitted but to be approved by ASHRAE, we have a list of items people have been considering including how to adapt to decarb, the Level 0.75 audit as discussed, minor edits.
- Standard 189.1, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings
- Standard 228-2023, Standard Method of Evaluating Zero Energy Building Performance
- Standard 240P, Evaluating Greenhouse Gas (GHG) and Carbon Emissions in Building Design, Construction and Operation.
  - See old ASHRAE press release for reference.
- Guideline 14-2023, Measurement for Energy, Demand, and Water Savings
- Guideline 34-2019, Energy Guideline for Historic Buildings
- Guideline 45P, Measurement of Whole Building Performance for Occupied Buildings except Low-Rise Residential Buildings
- Standard 90.1
  - Looking to update to Net Zero Energy. PNNL is working on modeling.
  - Working group on Decarbonization with a goal of publication in 2031
- Guideline 36, Best In Class HVAC Control Sequences
  - Working through major upgrades in technology. Control of humidity in buildings. Significant revisions are coming for Economizer sequence.
- TFBD
- Guideline 0
- Potential New Standard
  - TPS – BuildingSync SGPF “A Common Data Collection Format and Data Dictionary for Commercial Buildings”

**Program Subcommittee Meeting, January Winter Meeting Chicago 2024  
Programs**

**Sponsored Program:**

**Seminar 25:** Grid-Interactive Buildings for a Decarbonized World

**Chair:** Scott West

Monday, January 22, 2024, 9:45 AM – 10:45 AM CST

Marriott Marquis Chicago, 2nd Floor, Water Tower B

**Seminar 32:** Paving the Way for Zero Codes for Residential and Commercial Buildings

**Chair:** Christopher Perry

Monday, January 22, 2024, 2:15 PM – 3:45 PM CST

**ASHRAE TC 7.6 Building Energy Performance  
Standards and Programs Subcommittee  
Monday June 22, 2024 5:30PM EST  
Meeting Minutes**

Marriott Marquis Chicago, 2nd Floor, Great Lakes B

**Seminar 53: LIVESTREAM:** Driving Existing Building Decarbonization through Energy Efficiency and Greenhouse Gas Emissions Reduction with ASHRAE Standard 100

**Chair:** Jamie Kono

Wednesday, January 24, 2024, 8:00 AM – 9:30 AM CST

Marriott Marquis Chicago, 2<sup>nd</sup> Floor, Great Lakes A

**Co-Sponsored Program:**

**Seminar 47:** The Future Is Electrifying: Zero-Carbon Case Studies Under Moderate Climate

**Chair:** Costantinos Balaras

Tuesday, January 23, 2024, 11:00 AM – 12:30 PM CST

Marriott Marquis Chicago, 2nd Floor, Great Lakes C

**Future ASHRAE Conferences**

June 22-26, 2024 – Indianapolis, IN – Technical Chair – Brian Fronk

February 8-12, 2025 – Orlando, FL – Technical Chair – Som Shrestha

June 21-25, 2025 – Phoenix, AZ – Technical Chair – Craig Bradshaw

Winter, January 31-February 4, 2026 – Las Vegas

Annual, June 27-July 1, 2026 – Austin

Winter, January 23-27, 2027 – Chicago

Annual, June 12-16, 2027 – New Orleans

**Future Programs Discussion**

Re-submit Benchmarking Forum

Benchmarking Seminar?

Energy and Water Management Case Studies – Nicholas to Chair

Portfolios, Owner + Consultant (JLL)

Standard 36 Updates (co-sponsor)

Grid Connected Energy Efficient Buildings (co-sponsor with TC 7.5)

ISO 50001 / 50010

New Tools for Building Operators

How can AI assist in Energy Management?

**Indianapolis Tracks and Track Chairs Annual 2024**

- Fundamentals and Applications
- HVAC&R Systems and Equipment
- Research Summit
- Professional Development
- Electrification: Possibilities and Pitfalls
- Artificial Intelligence and the Built Environment
- Building Life Cycle Assessment
- Legislation, Standards, Codes, and Guidelines

**Indianapolis Annual 2024 Conference Deadlines**

- Monday, February 26, 2024 | Debate, Panel, Seminar, Forum, Workshop, and Debate Proposals Due
- Friday, March 15, 2024 | Extended Abstract Paper Due

**ASHRAE TC 7.6 Building Energy Performance  
Standards and Programs Subcommittee  
Monday June 22, 2024 5:30PM EST  
Meeting Minutes**

- Friday, March 15, 2024 | Full Conference Papers Due; Request for Conference Paper Sessions Due
- Monday, April 1, 2024 | Conference Paper Accept/Revise/Reject Notifications
- Monday, April 1, 2024 | Extended Abstract Accept/Reject Notifications
- Wednesday, April 10, 2024 | Revised Conference Papers Due
- Friday, April 12, 2024 | Debate, Panel, Seminar, Forum, Workshop Scheduling Notifications
- Wednesday, April 24, 2024 | Conference Paper Final Accept/Reject Notifications

**Orlando Tracks & Track Chairs Winter 2025**

- HVAC&R Systems and Equipment
- Fundamentals and Applications
- Refrigeration and Refrigerants
- Energy Storage and Grid Resiliency
- Pathways to Building Decarbonization
- Artificial Intelligence, Building Automation, and Controls
- Advanced Building Construction Opportunities and Challenges
- Ventilation and Indoor Environmental Quality
- Future-Proofing the Built Environment

**Olando Winter 2025 Conference Deadlines (DRAFT)**

- June 2024: Website Opens for Program Proposals
- June 2024: Conference Paper Abstracts Due
- July 2024: Conference Paper Abstract Accept/Reject Notifications
- August 2024: Program Proposals Due
- October 2024: Conference Papers Due
- November 2024: Conference Paper Accept / Revise / Reject Notifications

**Chicago Statistics:** The 2024 Winter Conference had a total of 124 sessions and events scheduled, comprised as follows. There were a total of 356 presentations, 125 papers and 16 live-streamed sessions.

- 65 seminars
- 28 Paper Sessions
- 5 Poster Sessions
- 1 Virtual Paper Session
- 11 Panel discussions
- 4 Forums
- 2 Debate
- 2 Workshop