



Shaping Tomorrow's  
Built Environment Today

## TC 2.8 Building Environmental Impacts and Sustainability

January 30, 2022, 6 PM – 8 PM PST

Online (Webex) and In-person, Las Vegas, NV (Caesar's Palace, Livorno)

[Online Meeting Link](#)

1. **Roll call and Introductions** Altwies / Bradburn
2. **Review and Accept Agenda** Altwies
3. **Review / Approval of June 2021 Virtual Meeting Minutes** Ng
4. **Standing Committee Liaisons** TAC / RAC / Standards / Programs
5. **Subcommittee Reports**
  - 5.1 Green Guide Lawrence
  - 5.2 International Mills
  - 5.3 Water-Energy Nexus Pascual / Karim
  - 5.4 Research Altwies
  - 5.5 Programs Apcin
  - 5.6 Handbook – Chapter 34 Brundage
  - 5.7 Handbook – Chapter 35 Morner
6. **Related Activities Reports**
  - 6.1 Standards Lawrence
    - SPC 189.1 High-Performance Green Buildings Fick
    - SPC 189.3 High-Performance Green Healthcare Facilities Betz
    - SPC 191P Efficient Use of Water in Building Torcellini
    - SPC 228P Standard Method of Evaluating Zero Energy Building Performance Torcellini
    - SPC 227P High Performance Envelope
  - 6.2 ASHRAE Advanced Energy Design Guides Update Torcellini
  - 6.3 MTG.Resilience - determination of primary and alternate representatives - Brown/Rakheja/Karim?
7. **Old Business**
  - 7.1 [TC 2.8 Basecamp](#) site
  - 7.2 Web site FAQs – approval
  - 7.3 Membership roster updates – due Wed (then finalized Feb 15)
  - 7.4 TBD
8. **New business**
  - 8.1 [ASHRAE Task Force on Building Decarbonization](#) – 9 Work Groups
    - Reducing Building Operating Carbon Work Group – Liaison? Frank Mills?
    - Embodied Carbon LCA Work Group – Liaison? Michael Deru or Paul Torcellini?
    - Others?
  - 8.2 TBD
9. **Adjourn**

## **NEXT MEETING: June 26, 2022, Toronto, ON**

### **ASHRAE Code Of Ethics**

*In this and all other 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 we shall avoid all real or perceived conflicts of interests.*

### **TC 2.8 Web Site**

<http://tc0208.ashraetcs.org>

### **Upcoming Conferences:**

June 25-29, 2022 – Toronto, ON  
Feb. 4-8, 2023 – Atlanta, GA  
June 24-28, 2023 – Tampa, FL  
Jan. 20-24, 2024 – Chicago, IL  
June 22-26, 2024 – Indianapolis, IN  
Feb. 8-12, 2025 – Orlando, FL  
June 21-25, 2025 – Phoenix, AZ

### **TC 2.8 Programs Coming Up After this Meeting in Las Vegas...**

Monday, January 31, 09:45 AM - 10:45 AM

#### **Seminar 20**

#### **HVAC Design, Control and Operation of Hospitals After COVID-19 Fiasco**

Sponsor: 1.4 Control Theory and Application, 9.6 Healthcare Facilities, TC-1.5, TC-7.3, TC-7.5, TC-2.8 Building Environmental Impacts and Sustainability

Monday, January 31, 11:00 AM - 12:00 PM

#### **Seminar 3**

#### **Would Your Building Perform Satisfactorily During a Heatwave or Power-Blackout?**

Sponsor: 4.2 Climatic Information, 2.8 Building Environmental Impacts and Sustainability

Tuesday, February 01, 08:00 AM - 09:30 AM

#### **Panel 1**

#### **In Real Time: Charting the Pathway for Existing Buildings to Get to Carbon Neutrality**

Sponsor: 2.8 Building Environmental Impacts and Sustainability

Tuesday, February 01, 11:00 AM - 12:30 PM

#### **Seminar 31**

#### **High Efficiency Variable Speed Pumping Systems and Integration Challenges with Chiller Plant Design**

Sponsor: 8.2 Centrifugal Machines, 6.1 Hydronic and Steam Equipment and Systems, TC 8.1, 2.8 Building Environmental Impacts and Sustainability

Wednesday, February 02, 11:00 AM - 12:30 PM

#### **Seminar 41**

#### **Design Challenges to the Electrification of Heating in Mid to Large Buildings**

Sponsor: 8.2 Centrifugal Machines, 2.8 Building Environmental Impacts and Sustainability

Wednesday, February 02, 11:00 AM - 12:30 PM

#### **Seminar 44**

#### **Upgrading Existing Building Control Systems for High Performance Operation**

Sponsor: 1.4 Control Theory and Application, 7.6 Building Energy Performance, 2.8 Building Environmental Impacts and Sustainability