



Shaping Tomorrow's
Built Environment Today

TC 2.8 Buildings' Environmental Impacts and Sustainability

Sunday, June 25, 2017, 5:30-7:00 pm
Long Beach, CA

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|---|--------------------|
| 1. Roll call and Introductions | Rakheja |
| 2. Accept agenda/approve minutes of Las Vegas meeting | Stafford |
| 3. Announcements/Membership
Review of ASHRAE Code of Ethics | Rakheja |
| 4. Standing Committee Liaisons TAC/RAC/StdCom/Program/SpecPub/ALI | |
| 5. Subcommittee Reports | |
| 5.1 GreenGuide | |
| 5.2 Standards | Lawrence |
| • SPC 189.1 Standard for the Design of High-Performance Green Buildings except Low-Rise Residential Buildings | Persily/Lawrence |
| • SPC 189.3P Design, Construction and Operation of High Performance Green Healthcare Facilities | Fick |
| • SPC 191P Standard for the Efficiency Use of Water in Building, Site and Mechanical Systems | Swift |
| 5.3 Handbook | Fick |
| 5.4 International | Rakheja / Mills |
| 5.5 Water-Energy Nexus | Ferraro / Betz |
| 5.6 Research | Altwies |
| 5.7 Programs | Brown |
| 5.8 Existing and Future Building Challenges | Macauley |
| 5.9 Website | Ng |
| Related Activities Reports | |
| 6. 6.1 ASHRAE Advanced Energy Design Guides Update | Torcellini |
| 6.2 ASHRAE bEQ | |
| 6.3 Input from other TCs? | |
| Old Business | |
| 7. 7.1 TC 2.8 Scope | Rakheja |
| 7.2 MTG.OBB: Occupant Behavior in Buildings | |
| 7.3 MTG.IAST: Impact of ASHRAE Standards and Technology on Energy Savings/Performance | |
| 7.4 MTG Hot & Humid Climate Guide | |
| 7.5 MTG Cold Climate Guide | |
| New business | |
| 8. 8.1 TC Involvement in ASHRAE Standards Development | Stephanie Reiniche |
| 8.2 Net Zero Energy Standard | Steven Emmerich |
| 8 Adjourn | |
| NEXT MEETING: Sunday, Jan 28, 2018, Chicago, IL | |

MTG.OBB

MTG.OBB will coordinate TC/TG/TRG technical activities to help implement the recommendations from this MTG. This includes coordinating efforts in education, modeling, research, standards, marketing, advocacy, and fund raising within ASHRAE. Research project initiation as the sponsoring committee is included in the scope of this MTG.

Occupant behavior in buildings refers to occupants' comfort preference, presence and movement, and interactions with building systems that have impact on performance (thermal, visual, acoustic, and IAQ) of buildings. The interactions include adjusting the thermostat settings, opening or closing windows, dimming or turning on/off lights, pulling up or down window blinds, switching on or off plug-loads, and consuming domestic hot water.

MTG.IAST

MTG.IAST will generate research proposal(s) and work with the selected consultants/contractors to conduct research, collect and organize the data in a summarized format for Initiative 1B of the Society Strategic Plan "ASHRAE will research the true impact of its standards and technology" as requested by the BOD.

ASHRAE Code Of Ethics

(Approved by ASHRAE Board of Directors January 30, 2013)

1.140.001.1 As members of ASHRAE or participants in ASHRAE committees, we pledge to act with honesty, fairness, courtesy, competence, integrity and respect for others in our conduct.

- a. Efforts of the Society, its members, and its bodies shall be directed at all times to enhancing the public health, safety and welfare.
- b. Members and organized bodies of the Society shall be good stewards of the world's resources including energy, natural, human and financial resources.
- c. Our products and services shall be offered only in areas where our competence and expertise can satisfy the public need.
- d. We shall act with care and competence in all activities, using and developing up-to-date knowledge and skills.
- e. We shall avoid real or perceived conflicts of interest whenever possible, and disclose them to affected parties when they do exist.
- f. The confidentiality of business affairs, proprietary information, intellectual property, procedures, and restricted Society discussions and materials shall be respected.
- g. Each member is expected and encouraged to be committed to the code of ethics of his or her own professional or trade association in their nation and area of work.
- h. Activities crossing national and cultural boundaries shall respect the ethical codes of the seat of the principal activity.

TC 2.8 Web Site

<http://tc28.ashraetcs.org>

To subscribe or unsubscribe to the list, you can go to the TC 2.8 list web site:

<http://lists.onebuilding.org/listinfo.cgi/tc28-l-onebuilding.org>

This list is only for communications related to ASHRAE TC 2.8 Building Environmental Impacts and Sustainability. Do not distribute messages of any commercial nature.

To send a message to all subscribers to the list, address your message to:

tc28-l@lists.onebuilding.org

Note: ASHRAE does not operate this list. Please do not ask them for help. If you have any questions, please contact: Jason Glazer JGlazer@gard.com

Thanks to Jason and GARD Analytics for hosting this list!

For comments, suggestions, volunteering to help, etc. with anything dealing with TC 2.8, please contact me at:

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Upcoming Conferences:

2018 Winter Conference: Chicago, IL

2018 Annual Conference: Houston, TX

2019 Winter Conference Atlanta, GA

Information on these ASHRAE Conferences can be found on ASHRAE's website under Events – www.ashrae.org

2017 ASHRAE Annual Conference Meeting Schedule

Time/Date	Meeting/Event	Location, Room, Floor*
Sunday, 25 June 2017		
12:00 PM to 12:30 PM	Green Guide Subcommittee	Seaside 7 (LBCC-SS)
12:30 PM to 1:30 PM	Existing & Future Building Challenges Subcom	Seaside 7 (LBCC-SS)
1:30 PM to 2:30 PM	Water-Energy Nexus Subcommittee	Seaside 7 (LBCC-SS)
2:30 PM to 3:00 PM	International Subcommittee	Seaside 7 (LBCC-SS)
3:00 PM to 4:00 PM	Research Subcommittee	Seaside 7 (LBCC-SS)
4:00 PM to 4:30 PM	Handbook Subcommittee	Seaside 7 (LBCC-SS)
4:30 PM to 5:00 PM	Programs Subcommittee	Seaside 7 (LBCC-SS)
5:30 to 7:00 PM	TC 2.8 Building Environmental Impacts and Sustainability – Main Committee Meeting	Seaside 7 (LBCC-SS)
Monday, 26 June 2017		
8:00 AM to 12:00 PM	SPC 189.3	Seaside 7 (LBCC-SS)
Tuesday, 27 June 2017		
8:00 AM to 12:00 AM	SSPC 189.1	Pike 3 (R-1)
9:00 AM to 11:00 AM	SPC 191	Bixby 1 (R-2)
Wednesday, 28 June 2017		
8:00 AM to 12:00 AM	SSPC 189.1	Pike 3 (R-1)

TC 2.8 Sponsored and Co-Sponsored Sessions – 2017 Long Beach Conference

Sunday, 8:00 AM – 9:00 AM

Workshop 1 (Basic)

Are We Afraid of What We'll Find? Using Real Buildings to Improve ASHRAE Standards and Publications

Room: 201A

Sunday, 3:15 PM – 4:45 PM

Seminar 17 (Basic)

Those Who Cannot Remember the Past are Condemned to Repeat It: Modeling, Performance and Lessons Learned from Installation of Solar Energy Systems

Room: 103AB

Tuesday, 8:00 AM – 9:30 AM

Seminar 31 (Intermediate)

Feedback: The Essential Ingredient for High Performance Green Homes

Room: 201A

Tuesday, 8:00 AM – 9:30 AM

Seminar 33 (Basic)

Flooding, Superstorm Sandy: Lessons Learned and Strategies Implemented

Room: 202AB

Tuesday, 9:45 AM – 10:45 AM

Forum 6 (Basic)

Best Practices for Low Energy Residential Buildings Across the Globe

Room: 201B

Tuesday, 11:00 AM – 12:30 PM

Seminar 41 (Intermediate)

Designs and Policies for Affordable Zero Net Energy Homes and Sustainable Communities

Room: 201B

Tuesday, 3:15 PM – 4:45 PM

Seminar 47 (Intermediate)

Zero Energy Healthcare Buildings: Current Status and Future Efforts

Room: 203AB

Wednesday, 9:45 AM – 10:45 AM

Workshop 9 (Advanced)

How to Design, Construct and Operate Net Zero Hospitals and Save Money

Room: 203AB