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TC/TG/MTG/TRG MINUTES COVER SHEET

(Minutes of all Meetings are to be distributed to all persons listed below within 60 days following the meeting.)

TC/TG/MTG/TRG No. TC 2.8 DATE June 23, 2019

TC/TG/MTG/TRG TITLE Building Environmental Impacts and Sustainability

DATE OF MEETING June 23, 2019 LOCATION Kansas City, MO

MEMBERS PRESENT	YEAR APPTD	EX-OFFICIO MEMBERS AND ADDITIONAL ATTENDANCE	
William L Stanton Stafford		Alara Apcin	Gury Ravi
Joy Eileen Altwies, PhD		Renee Clair	Theodore Reinhart
James C Bradburn	2017	Chris Gaul	Jiri Skopek
J Kevin Cross		Howard Harary	Cathy Starkell
Abdel Darwich		John Karakash	Mitchel Swan
Calina Ferraro		Rafi Karim	James Sweeney
Janice K Means, PE		Gerald Kettler	Sumayyah Theron
Lisa Chen Ng, PhD		Frank Mills	Paul Torcellini
Fred Betz, PhD		Svein Mornor	Tania Ullah
MEMBERS ABSENT	YEAR APPTD	Mike Pascual	Ng Yong Kong
		Kinga Porst Hydras	Xi Zhao
Kevin R Brown			
Michael Deru			
Thomas M Lawrence			

DISTRIBUTION: All Members of TC/TG/MTG/TRG plus the following:

TAC Section Head: Elbert Phillips	SHx@ashrae.net Where x is the section number
All Committee Liaisons As Shown On TC/TG/MTG/TRG Rosters (Research, Standards, ALI, etc.)	See ASHRAE email alias list for needed addresses.
Mike Vaughn, Manager of Research & Technical Services	MORTS@ashrae.net

Note: These draft minutes have not been approved and not the official, approved record until approved by the TC.

TC 2.8 Building Environmental Impacts and Sustainability

Sunday, June 23, 2018, 5:30-7:00 pm

Kansas City, MO

1. **Roll call and Introductions** (Stafford)
 - 1.1. Meeting called to Order at 5:33
 - 1.2. Introductions
 - 1.3. Roll Call / Quorum – quorum present (8 members present entire meeting including Chair with Betz and Lawrence joining late)
 - 1.3.1. After this meeting, Betz and Ferrarro will become corresponding members, and Karim and Pasqual will become voting members
2. **Accept Agenda/Approve Minutes of Previous Meeting** (Stafford)
 - 2.1. Review Meeting Agenda
 - 2.2. Approval of Houston Meeting Minutes:
 - 2.2.1. Meeting minutes not available.
3. **Announcements** (Stafford)
 - 3.1. Announcements:
 - 3.1.1. Basecamp is ASHRAE's file sharing platform
 - 3.1.2. Use YEA mixer as recruitment tool
 - 3.1.3. Roster adjustments go into effect July 1.
4. **Standing Committee Liaisons** TAC/RAC/StdCom/Program/SpecPub/ALI
 - 4.1. New TAC liaison starting July 1
 - 4.2. Proposed seminar for Plumbing safety low-flow affects water quality (pathogens); co-sponsor with 3.6??
5. **Subcommittee Reports**
 - 5.1. GreenGuide (Lawrence)
 - 5.1.1. Kickoff meeting for v6 earlier today.
 - 5.1.2. Focus toward practicing professionals, instead of newbies
 - 5.1.3. Contact Tom Lawrence if interested volunteering
 - 5.1.4. Setting up chapter champions
 - 5.1.5. First draft by January 2021
 - 5.1.6. Vote approval by committee summer 2021
 - 5.1.7. Publication in 2022
 - 5.2. Handbook (TBD)
 - 5.2.1. Update from handbook, 3 chapters sustainability march, energy July 2020, climate change July 2020 (assisting w/ TC 2.5)
 - 5.3. International (Mills)
 - 5.3.1. No meeting
 - 5.3.2. Forming ASHRAE chapters in UK and the EU. Helping to spread SUSTAINABILITY
 - 5.4. Water-Energy Nexus (Karim/Pascual)
 - 5.4.1. Discussed various programs for Orlando
 - 5.4.2. Developing Water Energy Nexus Guide; target publication date - 2021

5.4.3. Complete subcommittee meeting minutes attached

5.5. Research (Altwies)

5.5.1. Several RTARs and other ideas in the works

5.5.2. 1814 research project

5.5.2.1. No cost 6 month extension

5.5.2.2. May not be able to continue with original scope

5.5.3. RAC wants plain English abstract to accompany RTAR

5.5.4. RAC updating research strategic plan to correlate with Society Strategic Plan (Lawrence)

5.5.5. Complete subcommittee meeting minutes attached.

5.6. Programs (Latife)

5.6.1. Will propose a seminar on energy conservation and IEQ for Orlando. Janice Means to chair.

5.6.2. Restructure abstract of water quality seminar and resubmit. Fred Betz to chair.

5.6.3. Complete subcommittee meeting minutes attached.

5.7. Existing and Future Building Challenges (Stafford)

5.7.1. Brainstorming session to refocus, since many topics are now being addressed by other committees.

5.7.2. Complete subcommittee meeting minutes attached.

5.8. Website (Ng)

5.8.1. Lisa Ng can help sub committees set up Basecamp space.

5.8.2. ASHRAE can set up a web meeting if needed.

6. Related Activities Reports

6.1. Standards

6.1.1. SPC 189.1 High-Performance Green Buildings (Lawrence)

6.1.1.1. We are cognizant TC

6.1.1.2. 189.1 and IGCC are merged (identical except for formatting)

6.1.1.3. 189.1 issued in 2020; IGCC in 2021

6.1.2. SPC 189.3 High-Performance Green Healthcare Facilities (Betz)

6.1.2.1. Is now a full standard; cmtee mtg tomorrow.

6.1.3. SPC 191P Efficient Use of Water in Building (Betz)

6.1.3.1. Met this morning

6.1.3.2. Almost ready to publish

6.1.3.3. Out for public review again soon.

6.2. ASHRAE Advanced Energy Design Guides Update (Torcellini)

6.2.1. Office ZE AEDG issued last week

6.2.2. Go to ashrae.org/aedg to download a copy

6.2.3. 650k AEDG's have been downloaded (150k unique individuals have downloaded)

6.2.4. Seminar tomorrow morning, 8am.

6.2.5. 180 "How to" tips now characterized as retrofit, resiliency, grid alignment, and cost-neutral

6.2.6. Started AEDG for ZE multi-family; expected publication August 2020

6.3. SPC 228P Standard Method of Evaluating Zero Energy Building Performance (Torcellini)

6.3.1. Approved TPS

6.3.2. Call for membership; informal meeting yesterday

6.4. SPC 227P High Performance Envelope (Torcellini)

6.4.1. Approved TPS

6.4.2. Still needs committee members.

7. Old Business

7.1. Functional Group Consolidation

- 7.1.1. TAC still wants to find a way to consolidate groups. Looking for grassroots suggestions, not a top down mandate.

8. New Business

8.1. MTG.HWBE Health & Wellness in Buildings (6/25; 12:00-2:00) (Stafford)

- 8.1.1. Call to attend

8.2. TC 7.3 Operations and Maintenance Management – had conversation about how they could collaborate w/ other TCs (Karakash)

- 8.2.1. Would TC 2.8 be interested in collaborating?

- 8.2.2. Forum in Orlando; collection of “horror stories” to get TCs work together

- 8.2.3. Motion: Stafford / Second: Fred / Motion passed (8-0-0-4)

9. Adjourn

- 9.1. Motion passed (8-0-0-4-CNV)

NEXT MEETING: February 2, 2020, Orlando, FL

TC 2.8 Web Site

<http://tc0208.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!

Upcoming Conferences:

2019 Winter Conference: Atlanta, GA

2019 Annual Conference: Kansas City, MO

Information on these ASHRAE Conferences can be found on ASHRAE's website under Events –

www.ashrae.org