

ASHRAE Technical Committee 2.5 – Global Climate Change

2020 Virtual Conference

WebEx Meeting

Friday, June 19, 2020 – 10:00 AM – 12:00 PM

Meeting Minutes

1. Call to Order (Enrica Galasso)

a. Introduction of members and guests

b. ASHRAE Code of Ethics Commitment

In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, integrity and respect for others, and we shall avoid all real or perceived conflicts of interests. (See full Code of Ethics: <https://www.ashrae.org/about-ashrae/ashrae-code-of-ethics>.)

c. Establish quorum

Quorum Established. Members present were Enrica Galasso, Matt Clark, Ayo Abiola, Allen Karpman, Bill McQuade, Bill Walter, Costas Bellares, Daniel Villa, Dave Godwin, Don Brundage, Gerardo Alfonso, Mathur Suhaas, Elizabeth Jedrlinic, Jay Kohler, Jim Newman, Joe Rendall, Kit Fransen, Scott Sherwood, Juliane P..., Janice M...

d. Revise agenda; accept agenda

No revisions, agenda accepted.

e. Approvals (if quorum is met):

Previous meetings's minutes (February 2020 Annual Meeting, Orlando, FL) were approved. Motion by Kit Fransen, second by Gerardo Alonso.

Agenda approved. Motion by Don Brundage, second by Kit Fransen.

No further discussion

2. Chairman's Announcements (Enrica Galasso)

a. Report of TC/TG Chair's Meeting

Information from the Chair Breakfast discussion. Encourage meetings/contacts in-between scheduled meetings. This group already has in-between meetings about the handbook chapter update.

ASHRAE Groups merger recommendations are coming, but within 2.5 it's already been discussed and we decided not to merge with any other group. Four other mergers have already been approved.

Deadline to submit papers for the Chicago winter meeting is August 3.

TC Master Calendar is available on Google.

CEC needs volunteers.

b. Review of previous action items

Covered under 2a.

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3. Roster Updates (Matt Clark)

Previously announced updates effective July 2020:

Matt Clark- Chair
Scott Sherwood – VC
Renee Clair – Secretary
Beth Tomlinson – Handbook
Elizabeth Jedrlinic - Research
Daniel Villa – Programs Chair
Enrica Galasso – Standards/ Certifications

4. Subcommittee Reports

a. Programs (Scott Sherwood/ Daniel Villa)

Three concepts for Chicago emerged from the Programs Subcommittee meeting:

- Seminar on applications of climate change codes and standards. Looking for speakers with specific knowledge in this area.
- Climate change effect on IEQ and the global pandemic
- The economic advantages of climate friendly systems and equipment – wind power, geothermal, heat pumps etc. Need speakers/volunteers

Request from TC 4.1 to put together a webinar on effects of climate change on load calculations.

This could be a good fit with the codes and standards seminar. To be discussed further, perhaps a combination of two seminars is warranted.

b. Handbook (Beth Tomlinson)

Met the week before. All edits received. Revisions done by 6/30, voting 7/14, final deadline 7/28.

Handbook to be published in 2020.

Help needed with platform to set up meetings – Enrica offered Webex help.

c. Research (Elizabeth Jedrlinic)

David Villa discussed use of abnormal data on building models to produce calibration to assess accuracy.

Determine if the building has reasonable gradient (abnormal operations should not interfere). Three

different TCs involved in this issue, and TC 2.10 will do “Building Calibrations Under Abnormal Conditions”.

Beth asked whether adaptation research has been done and what information may be available already.

Bill McQuade mentioned that resiliency comes from adaptation and it’s one of ASHRAE’s goals.

d. Standards (Matt Clark)

ASHRAE 15 – new standard being reviewed. Two WG handling harmonization with UL6030 commercial refrigeration updates related to the use of flammable refrigerants.

e. MTG.LowGWP (Larry Burns, John Karakash)

No one present to address and no update. Bill McQuade gave a general overview of the LowGWP MTG research projects and their goals.

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f. Website (Gerardo Alfonso)

Website is up to date. All info to be posted should be sent to Gerardo Alfonso.

5. Liaison Reports

Handbook – Javier Korenko

No liaison present, no report.

Standards – Niels Bidstrup

No report.

Research – TBD

No report.

Staff – Steven Hammerling

No report.

TC 2.7 – Matt Clark

No report, but they are meeting the same day as this group.

TC 2.10 – Scott Sherwood

No report, will follow up.

TC 7.1 – Eric Haley

No liaison present, no report.

TC 9.9 – Gerardo Alfonso

Has not met yet, but working on the new edition of thermal guidelines for data commercial spaces, cooling, liquid submersion.

SSPC 90.1 – Don Brundage

Working on buildings energy efficiency code for high rises. 2019 version published, next update is in 2026. It was mentioned that this may be a good webinar topic.

Gerardo mentioned that 90.1 is now for smaller systems and 90.4 addresses the standard for energy in data centers. 90.1 now refers to 90.4.

Previously suggested groups to contact:

TC 5.10 – Scott is following up, no meeting yet;

TC 6.7 – has met. Changed their name a few years ago, now Solar and Other Renewables. Still trying to find its footing and new goals.

SSPC 189.1 – no update

SSPC 100 – energy efficiency for existing buildings. No update.

Other – Don Suggested 105 standard –addressing methods of measuring and reporting source energy and GHG emissions. Hope to publish a new version in early 2021.

6. Round Table Discussion on Climate Change Related Treaties, Accords, and Activities

Don mentioned the IPCC Sixth Assessment report, which assumes a large amount of carbon capture.

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7. Other Business

No other business to discuss

8. Adjourn

Meeting adjourned at 11:33 AM.

Submitted by Allen Karpman