

TC6.3

2/3/2020

Minutes:

Call to order

Roster

- Chair question to Secretary Do we have quorum?

Code of Ethics

Agenda Review

- Chair asked if anyone has reviewed the agenda and if any changes. No response.

Review of Voting Membership

<get roster from Anuj>

- Discussion about who is voting and not.
- 10 of 12 VMs present

Minutes

- Move, second – Unanimous approved by (All,0,0)

Chair Report/Announcements:

Program Submissions

- Deadline for Austin: 2/10/20

Professional certification programs

Dawen Lu (TAC) –

- TC Collaboration space starting Orland and going forward for Subcomm mtgs
- TAC – mergers decided TC2.2-2.3, 8.10-8.12, 9.8-9.10
- If we want to keep the TC open we must have activity
- What is our future? Up to TC members. Good to have programs and research.

TC Re-org – Chair reiterated what Dawen said. Keep in mind activity as we go through the subcommittee reports.

Programs (Scott Creamer)

- Seminar 11 – (Larry Brand) Great turnout; 3 presentations Google Nest, Center Point Energy, me. Cycling is getting more into big data and proprietary. Recommend a follow-up program, perhaps on the Cooling Side with 8.11.
- Feb 10 – program proposal due. Paper abstract due.
- Paper session on system modeling “<get from Scott>”. Authors are <get from Scott>.
- July 8 – deadline for Chicago 2021 programs
- Tracks for Austin
 - o Fundamentals
 - o HVAC&R systems and equipment
 - o Research Summit
 - o Professional Devel
 - o <get from Scott>

- Tracks for Chicago
 - o HVACR Fundamentals and Equipment
 - o <get from Anuj>
- Program ideas
 - o (Mike Lubliner) – Idea on ducts in the conditioned space. Suggests that this is the last low-hanging fruit for energy improvement.
 - <myown question How does the duct outside the space affect the energy load calculation, and thus oversizing?>
 - Ducts static levels was suggested as a complimentary topic
 - Mark Modera (not present) volunteered to chair
 - Construction trade-offs?
 - o Systems and Equipment track (Austin) (Paul session Chair)
 - Low load homes don't need as much air movement
 - ACCA document LLH (Low Load Homes)
 - HVAC Equipment for LLHs – limitations? what do you use? (have to us ERVs)
 - (Larry Brand has another one)
 - o
 - Smart Dampers, ZNE (??) – Better comfort, better efficiency. Where is the tradeoff between comfort and efficiency and
- Research (Roy Crawford)
 - o Updates from RAC
 - 49 projects; 10 active projects to complete this year. A lot going on right now at ASHRAE.
 - Awards from ASHRAE – service to RPs and PMSs.
 - Presented the 2 RTARs
 - Roy suggested submitting both RTARs
 - A suggestion was to add 8.11 to the Thermostat RTAR
 - Motion to submit both RTARs to RAC pending review from Omar. Made (Roy C), Second (Craig G), passed (all,0,0)
 - o Discussion: Should 90.2 be included. Yes.
 - o Omar (RAC) report
 - Service to ASHRAE research –
 - Funding – lot of money, not enough proposals.
 - Email survey – New strategic plan for Research to be done over the next 5 years.
 - o Karen ?? from Henderson Engineering – Why don't mixing boxes mix?
- Standards (Mark Olsen)
 - o Standard 152 (Kevin Mercer) and 193 (Mark Olsen) are currently open to bring them inline with mandatory language requirements.
 - o Standard 103 – Needs to be revise/withdrawl/reaffirm
 - Motion to reaffirm (Craig), Second (Roy) (all/0/0) Passed
- Website (George Yaeger)
 - o Updated.
 - o Requested help to make change on the Website

- Low GWP – MTG Report (Roy Crawford)
 - A lot of projects going on. Several completed.
 - TC6.3 related ... air-handlers need to have a sensor that turns on to distribute the refrigerant throughout the house.
- TC Re-Organization
 - Chair read the TC Scope
 - Decision of the TC is to retain or dissolve the committee
 - One idea is to restrict the scope to only heating. Give cooling to 8.11
 - Give heating to 6.10 and keep the cooling
 - Keep it as is
 - Issues are that there is lower activity from the committee. Hard to fill roles.
 - Discussion:
 - Mention of “cassette” systems in buildings.
 - Strong support for keeping committee active
 - Encourage YEA members to join
 - Why did there become a lull in activity
 - Motion (L Brand), second (Craig), Vote (All,0,0) – Maintain the current format of TC 6.3.
 - How to increase activities?
 - Add topic concepts?
 - Increase Thermostats
 - Electrification (Hybrid heat pumps)
 - Add collaboration time/location for Research, Program, Handbook
 - Add “Residential” and “Light Commercial” in place of Central to the title
 - More liaisons to MTGs (e.g. MTG-RAC, SPC 227, SPC 124 – dual combo hydronic/space heating standard)
 - Taking “Central” out of the title or leaving it?
 - Cassette and short duct systems could be adopted by this change.
 - Motion (P Haydock), second (R Crawford) Vote (All,0,0) on change to the title, “Residential and Light Commercial Forced Air Heating and Cooling Systems”