

## TC 8.7 – 2020 Winter conference Meeting

- 1) Chairman Arturo Thur De Koos called meeting to order at 4:15 and requested all attendees introduce themselves.
- 2) Chairman Announcements
  - i) Seminar deadline due Monday February 10
  - ii) Hi-tower award nomination due by September 1
  - iii) Code of ethics
  - iv) Website to be updated by Webmaster Badri Patel
  - v) Basecamp should be up and running. All communication to be done through basecamp
  - vi) Next meeting will be in Austin Texas for summer conference
- 3) Minutes approval
  - a) tabled due to quorum/roster issues
- 4) Subcommittee reports:
  - a) Richie Mohan Handbook Chapter
    - i) Handbook finalized and submitted to ASHRAE Staff for questions and further comments
    - ii) No anticipated publishing date at this time
  - b) Madhav Membership reports
    - i) Old email addresses cleaned up. 109 members – 30 provisional corresponding. 67 corresponding
  - c) Programs Update – Chris Williams filling in
    - i) Committee is looking for a volunteer to be Programs Chair
      - (1) Badri Patel
    - ii) Two programs submitted, neither was accepted.
  - d) Research update Chris
    - i) 49 research projects
      - (1) 8 added, 1 rejected, 2 RTARs submitted this meeting
      - (2) Email on January 13 to ASHRAE members: Survey from ASHRAE – new research advisory panel to update ASHRAE research document
        - (a) Only 2% of members have responded
        - (b) Encourage members to respond to survey
      - (3) Members and guests should get with Chris if any interest in compiling a RTAR
  - e) ALI – Chris Williams
    - i) 35 registrants Kuwait Engineers
    - ii) 42 registrants for tomorrow's meeting
    - iii) Pushpinder Rana to work with Joclyn to transition
      - (1) Brian Bogden to work with Rana
- 5) Liaison Reports
  - a) ASHRAE 90.1 John Cummings
    - i) John is not formerly TC8.7 Liaison – Arturo to fix
    - ii) Addendums affecting VRF
      - (1) Voted out for public review Insulation for hot gas pipe – water and refrigerant tables merged and interpretation for thickness
      - (2) New time of use of electricity (increments of an hours) being considered for 2022 project plan

- (a) Utility rates could change from hour to hour
  - (b) Cost calculations would change using a blended rate
- (3) TSPR – encourages higher performance with multiple systems
  - (a) Reid Hart developed the tool [reid.hart@pnnl.gov](mailto:reid.hart@pnnl.gov)
- b) 62.1 Liaison
  - i) No major updates
    - (1) Reformatting 62.1 and adding language in regard to VRF
- c) SPC 205
  - i) SPC 205P has a subcommittee specifically to address VRF products meeting monthly. Members with interest/experience in modeling are encouraged to reach out to SPC 205 to participate
- d) Guideline 41 – Chris Williams
  - i) Approved and gone to print, should be available in about 1 month. Galley draft approved.
  - ii) GPC 41 is now dissolved and Standing Guideline Project Committee (SGPC) 41 has been created for continual maintenance.
    - (1) SGPC 41 is accepting additional members especially for user
- e) 189.1 – Doug Tucker
  - i) Finished with technical portion fed into IGCC but are continuing to meet
    - (1) Nothing affecting VRF
- f) 15 Chris Williams
  - i) Addendum coming for public review
  - ii) 7.2 RCL – proposal to consider refrigerant mitigation system (i.e. isolation valves) to look at Refrigerant Concentration Charge in lieu of limits
    - (1) Members and guests encouraged to respond in support of amendment during advisory public review
- g) MTG Low GWP Refrigerants
  - i) Primarily a report on research: ASHRAE has 4 research projects on flammable refrigerants
  - ii) RP1806 ASHRAE largest research project cost over \$800k
  - iii) RP1807 published and free to ASHRAE Members on tech portle
  - iv) RP1808 serving and installing equipment
  - v) Report from AHRI on research project on flammable refrigerants
  - vi) Codes and Standards meeting Feb 4 2-2:30 and then research update on RP1806
- 6) Kevin Mercer Section 8 head (TAC Liaison)
  - a) TC Leadership has booklet of announcements
    - i) Is TC being effective – make effective use of members' time
    - ii) Roster updates
      - (1) [Tthomas@ashrae.org](mailto:Tthomas@ashrae.org) tara Thomas can help with updates copy kevin [Kevin.mercer@carrier.com](mailto:Kevin.mercer@carrier.com)
      - (2) Arturo to wait on roster updates
    - iii) TC MOP (Manual of procedures) document governing how TC's operate
    - iv) MTG – agricultural growing
    - v) MTG Refrigeration and A/C plant assessment guide
    - vi) How to get involved in ASHRAE – volunteer

- vii) TAC is getting more involved in reviewing programs
    - (1) Send names of programs to Kevin to find out reason for not being accepted
- 7) Old Business
  - a) 62.1 wanting dehumidification during unoccupied hours – would be a big user of energy
    - i) It was suggested that this requirement be adopted into 90.1
  - b) ICC to add VRF tables in the next published version
- 8) New Business
  - a) Guideline 41 requests to present a seminar talking about the new guideline now that it will be published
    - i) Asking for a formal vote from TC8.7 to cosponsor with SGPC41
      - (1) Motion and seconded – passed unanimously