

RBC August Web Meetingg

Wed, Aug 14, 2019

3:00 PM - 4:00 PM EDT

Attendance

12 Voting Members: Quorum = 7

	7/12/2019		7/12/2019
Voting Members:		Consultants:	
Paul Francisco – Chair (2019)	X	Gayathri Vijayakumar (2020)	X
Pat Graef – Vice-Chair (2019)	X		
Steve Baden (2022)	X	Ex-Officio Members:	
Roy Crawford (2022)	X	Van Baxter – Board Ex-O	X
Pankaj Dharker (2020)		Dennis Knight – CO	
Glenn Hourahan (2021)	X	Lilas Pratt – Staff Liaison	X
Bill Healy (2022)	X		
Dan Int-Hout (2020)	X	Liaisons:	
John Jones (2021)			
Richard Karg (2020)	X		
Eric Werling (2021)	X		
Jon Winkler (2021)	X		

New and Open Action Items

January 14, 2019 Atlanta Winter Meeting

4	Pat Graef & Dan Int-Hout	Develop a marketing publication plan for the MF Guide to be reviewed by RBC at the spring committee webinar.	On-going
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June 24, 2019 Kansas City Annual Meeting

1	Pat Graef	Update the draft reference manual for review by the committee	New
2	Lilas Pratt	Send emails to Chairs of committees that might be interested in signing up for the RBC listserve	New
✓	Paul Francisco	Send Lilas Pratt a list of ASHRAE committees with residential activity	Complete
✓	RBC Members	Send feedback on the 1861-RP Work Statement to Dan Int-Hout (cc: Lilas Pratt) by July 19, 2019	Complete
✓	Pat Graef	Respond to Chip Barnaby of TC 4.1 regarding the updating of Chapter 17 (Residential Cooling and Heating Load Calculations) in the HOF	Complete
6	Pat Graef	Update the residential presentation template (with Chris Mathis)	New

August 14, 2019 Conference Call Web Meeting			
✓	Eric Werling & Paul Francisco	have an on-line discussion regarding the chair of the Internal Activities Subcommittee	Complete

Meeting Notes

Meeting Convened at 3:04pm EDT

1. Internal Activities Subcommittee Chair ([Attachment A](#))
 - Paul Francisco noted that a chair is still needed for the Internal Activities Subcommittee.
 - John Winkler has agreed to be vice-chair, but the committee members approached so far about the chair position have been unable to commit the necessary time.
 - Eric Werling is willing to consider it if no one else steps up but is concerned about the necessary bandwidth.
 - The proposed subcommittee membership is shown in [Attachment A](#).

2. Responsibilities of the Subcommittees ([Attachment B](#))
 - The responsibilities of the subcommittees follow the scope and purpose of the committee as detailed in the rules of the board (ROB) – See [Attachment B](#).
 - The prime responsibilities (mission/charter) of the subcommittees would be to identify needs in the residential space both internally (looking at ASHRAE activities in programs, research, standards, etc) and externally (outreach to stakeholders).
 - For example, the Internal Activities (IA) Subcommittee will make sure that journal columns get done. If information is received from external stakeholders, IA will take that to internal stakeholders.
 - One of the roles that the IA SubC need to review is research projects with residential content. They can also help identify TCs to sponsor research ideas.

3. Committee MBOs for SY2019-20 ([Attachment C](#))
 - The MBOs have been reviewed and approved.
 - The final MBOs are shown in [Attachment C](#). The full Excel file version will be sent to the committee and posted on Basecamp.
 - Subcommittees can refine their MBOs with more specific steps and measurable goals.

4. ASHRAE Committee Liaisons ([Attachment D](#))
 - The committee identified technical and project committees with residential activity.
 - It was agreed that liaisons from RBC to those committees would make sense.
 - RBC members then noted which of these committees they serve on as voting or non-voting members.
 - Lilas Pratt will add the typical meeting times for the main committee meetings to the list.
 - The final list is shown in [Attachment D](#)

5. Next Meeting
 - External Activities Subcommittee Web Meeting – Tuesday, September 3, 11am-12pm EDT
 - Internal Activities Subcommittee – TBD
 - Full Committee - TBD

Meeting adjourned at 4:05pm EDT

Attachment A – Proposed RBC Subcommittee membership

RBC Members	Subcommittee
Paul Francisco – Chair (2019)	ExCom
Pat Graef – Vice-Chair (2019)	ExCom
John Jones (2021)	External (Chair)
Richard Karg (2020)	External (Vice-chair)
Steve Baden (2022)	External
Pankaj Dharker (2020)	External
Gayathri Vijayakumar (2020)	External
Eric Werling (2021) ????	Internal (Chair)
Jon Winkler (2021)	Internal (Vice-chair)
Roy Crawford (2022)	Internal
Glenn Hourahan (2021)	Internal
Bill Healy (2022)	Internal
Dan Int-Hout (2020)	Internal
Others	Subcommittee (TBD)
Wes Davis	
Li Song	
Simon Palin	
Chris Mathis	
Theresa Weston	

Attachment B – RBC Scope and Purpose from the Rules of the Board (ROB)**2.423.001 SCOPE AND PURPOSE**

This committee shall be responsible for identifying major residential trends impacting the practice of HVAC&R, informing the ASHRAE leadership and membership of these trends and their potential impacts, and making recommendations on new activities and policies in response to these trends. In addition, this committee shall serve as a resource to the Society on activities and issues that relate to residential impacts of building technologies including but not limited to ventilation, and thermal organizations that focus on residential buildings. The committee will be responsible for implementation of the residential aspects of the Strategic Plan.

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Attachment C – Residential Building Committee (RBC) MBOs for SY 19-20

Item #	MBO	Status	Due Date	Assigned To	MBO Comments
1. Outreach to stakeholders					
1.1	Determine residential gaps/needs/obstacles through engagement with priority stakeholders	New	12/1/2019	External Activities	This had been intended for SY 18-19 but more work was needed on the outreach materials.
1.2	Develop value proposition to ASHRAE for participation in industry trade shows/conferences	New	3/1/2020	External Activities	
1.3	Work with GAC to promote ASHRAE standards/publications for residential buildings.	On-going	6/30/2020	ALL	Will be an on-going activity moving forward.
2. Internal Activity Coordination and Support					
2.1	Identify/coordinate, review, and monitor residential themed research projects.	On-going	6/30/2020	Internal Activities	Modeled after EHC role in pertinent RTARs.
2.2	Assist with coordination of residential programs and quarterly ASHRAE Journal Residential Applications columns	On-going	6/30/2020	Internal Activities	Refer program topics to committees, assist in program development, co-sponsor
2.3	Work with Handbook Committee and TCs to create an approach to identify residential content.	On-going	6/30/2020	Internal Activities	
2.4	Work with CTTC to coordinate information flow to chapters.	On-going	6/30/2020	Internal Activities	
3. RBC Administration					
3.1	Establish liaison system with ASHRAE committees with residential interest	New	3/31/2020	Executive	Similar to RAC/TAC, etc.

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Attachment D – ASHRAE Committees for RBC Liaisons

ASHRAE Technical Committees with Scopes that include Residential activity

(VM-Voting Member, CM-Corresponding Member, PCM-Provisional Corresponding member)

1.12 Moisture Management in Buildings

- RBC Members: None
- Past Conference Meeting Times = Saturday, 1-3pm

2.1 Physiology and Human Environment

- Cognizant Committee for Standards 55
- RBC Members: Dan Int-Hout (CM, Past-Chair), Glenn Hourahan (CM)
- Past Conference Meeting Times = Tuesday, 1-4pm

2.3 Gaseous Air Contaminants and Gas Contaminant Removal Equipment

- RBC Members: None
- Past Conference Meeting Times = Tuesday 1-3:30pm

2.4 Particulate Air Contaminants and Particulate Contaminant Removal Equipment

- Cognizant Committee for Standards 52.2
- RBC Members: Paul Francisco (VM)
- Past Conference Meeting Times = Tuesday, 3:30-6pm

4.3 Ventilation Requirements and Infiltration

- Cognizant Committee for Standards 62.2
- RBC Members: Eric Werling (CM)
- Past Conference Meeting Times = Monday, 4:15-6:30pm

4.4 Building Materials and Building Envelope Performance

- Cognizant Committee for Standards 160
- RBC Members: Bill Healy (CM)
- Past Conference Meeting Times = Monday, 2:15-4:15pm

5.2 Duct Design

- RBC Members: None
- Past Conference Meeting Times = Tuesday, 3:30-6pm

5.3 Room Air Distribution

- RBC Members: Dan Int-Hout (CM)
- Past Conference Meeting Times = Tuesday, 1-3:30pm

5.5 Air-to-Air Energy Recovery

- RBC Members: None
- Past Conference Meeting Times = Tuesday, 1-3:30pm

6.1 Hydronic and Steam Equipment and Systems

- RBC Members: None
- Past Conference Meeting Times = Tuesday, 1-3:30pm

6.3 Central Forced Air Heating and Cooling Systems

- RBC Members: Roy Crawford (VM), John Winkler (VM), Eric Werling (CM)
- Past Conference Meeting Times = Tuesday, 1-3:30pm

6.6 Service Water Heating Systems

- RBC Members: Bill Healy (CM, Past-Chair)
- Past Conference Meeting Times = Monday, 4:15-6:30pm

7.5 Smart Building Systems

- RBC Members: Bill Healy (CM)
- Past Conference Meeting Times = Tuesday, 3:30pm-6pm

7.6 Building Energy Performance

- Cognizant Committee for Standards 90.1, 90.2
- RBC Members: None
- Past Conference Meeting Times = Tuesday, 1-3:30pm

8.7 Variable Refrigerant Flow (VRF)

- RBC Members: None
- Past Conference Meeting Times = Monday, 4:15pm-6:30pm

8.9 Residential Refrigerators and Food Freezers

- RBC Members: John Winkler (CM)
- Past Conference Meeting Times = Monday, 2:15-4:15pm

8.11 Unitary and Room Air Conditioners and Heat Pumps

- RBC Members: John Winkler (CM), Van Baxter (CM), Glenn Hourahan (PCM)
- Past Conference Meeting Times = Monday, 4:15pm-6:30pm

Standard 52.2

- Cognizant Committee = TC 2.4
- RBC Members: None
- Past Conference Meeting Times = Saturday, 8-11am

Standard 55

- Cognizant Committee = TC 2.1
- RBC Members: Dan Int-Hout (VM)
- Past Conference Meeting Times = Saturday, 8:30am-3pm and Sunday, 9am-12pm

Standard 62.2

- Cognizant Committee = TC 4.3
- RBC Members: Paul Francisco (VM), Rick Karg (VM), Roy Crawford (VM)
- Past Conference Meeting Times = Friday, 9am-2:30pm and Saturday, 8am-3pm

Standard 90.1

- Cognizant Committee = TC 7.6
- RBC Members: None
- Past Conference Meeting Times = Saturday 8am-12pm; Sunday 9am-12pm, Monday 8am-12pm

Standard 90.2

- Cognizant Committee = TC 7.6
- RBC Members: None
- Past Conference Meeting Times = Monday, 2:15-6:15pm and Tuesday, 1-5pm

Standard 160

- Cognizant Committee = TC 4.4
- RBC Members: Eric Werling (VM)
- Past Conference Meeting Times = Tuesday, 8am-12pm

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