

ASHRAE/ICC/USGBC/IES SSPC 189.1,
Standard for High-Performance Green Buildings
Except Low-Rise Residential Buildings
December 18, 2018
Draft Interim Meeting Minutes

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ATTENDANCE – Tuesday, December 18, 2018:

	<u>Voting Members</u>		<u>Non-Voting Members</u>	
1	Hedrick, Roger	Y	Abdelrahim, Mohamed	Y
2	Eley, Charles	Y	Achari, Anand	
3	Schoen, Larry	Y	Alevantis, Leon	
4	Gracie-Griffin, Jessica		Ananthachar, Vinay	Y
5	Jouaneh, Michael	Y	Bronson, Susan	
6	Balaras, Costas	Y	Chandler, Julie	Y
7	Conrad, Ernie		Crawley, Dru	Y
8	Cross, John	Y	Cribbs, John	
9	Cudahy, Michael	Y	Culp, Thomas	Y
10	Edelson, Jim	Y	Drumheller, Craig	
11	Floyd, Anthony	Y	Giles, Barry	
12	Francis, Sam		Gress, Gregg	Y
13	Gitlin, Susan	Y	Hammack, Katherine	
14	Hogarth, Thomas	Y	Humble, Johnathan	Y
15	Horn, Donald		Jacobs, Josh	Y
16	Leslie, Neil	Y	Johnson, Greg	Y
17	Mason, Stephany		Kendzel, James	Y
18	McGuire, Molly		Klein, Gary	
19	McHugh, Jonathan	Y	Lawrence, Thomas	Y
20	McMillen, Adam		Locklear, Christine Chase	
21	Paliaga, Gwelen	Y	Lord, Richard	Y
22	Pape, Thomas	Y	Madigan, Keith	
23	Rosenstock, Steve	Y	Madsen, David	
24	Sovocool, Kent	Y	McBride, Merle	
25	Stanke, Dennis	Y	Mecham, Brent	Y
26	Subasic, Christine Ann	Y	Petrie, Kathleen	
27	VanGeem, Martha	Y	Rainey, Teresa	
28	West, Scott		Ross, Loren	
29	Wilen, Jason		Schmeida, Michael	Y
30	Winters, Joe (AIA)	Y	Shepherd, David	
			Stoppelmoor, Wayne	Y
			Taber, Christian	Y
			Whittet, Daniel	Y
			Zhang, Jian	Y
			<u>Consultants</u>	
			Buckley, Scott	
			Hsieh, Chris	Y
			Lea, George	
			Persily, Andrew	Y
			Rhode, Jane	
			<u>Liaisons</u>	
			Dawson, Micah	
			Grondzik, Walter (SPLS)	
			Kettler, Gerald, SSPC 202	Y
			Lien, Mark (IES)	Y

Alternate Org		Pfeiffer, Mike (ICC)	
Frankel, Mark, NBI		Sullens, Wes (USGBC)	Y
Guttman, Maureen, AIA	Y	Barbaree, Connor (ASHRAE)	Y
Janjic, Ksenija,	Y		
Klein, Andrew, BOMA	Y		

Guests			
Bradley, Jeff	Y	Husted, Michael	Y
Carl Moser, Brittany	Y	Kanipe, Stephen	Y
Coons, Gerald	Y	Offermann, Bud	Y
Degelman, Larry	Y	Owens, Brendan	Y
Delaquila, David	Y	Resetar, Nicholas	Y
Edwards, Wanda	Y	Ross, Nicholas	Y
Ernst, Skip	Y	Ross, Loren	Y
Foster, Chuck	Y	Stauffer, Gary	Y
Fritz, Pat	Y	Thomas, Kelly	Y
Hayden, Joe	Y	Turner, Shaun	Y
Higa, Randall	Y	Tyler, Craig	Y
Howard, Melissa	Y		

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LIST OF MOTIONS

Note: All vote counts are listed as [For – Against – Abstain]

Motion 1: Floyd moved and Rosenstock seconded that the meeting minutes from the 11/27/2018 committee meeting be approved. **Motion passed by a show of hands 17-0-1.**

Motion 2: Pape moved and VanGeem seconded that addendum I (cooling towers) be recommended for publication with knowledge of unresolved objectors. **Motion is currently passing 19-0-2, subject to a continuation letter ballot.**

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**ASHRAE/ICC/USGBC/IES SSPC 189.1,
Standard for High-Performance Green Buildings
Except Low-Rise Residential Buildings**

December 18, 2018 Webinar

11:30 am – 2:30 pm EDT

Draft Meeting Minutes

Please contact cbarbaree@ashrae.org to request attachments

1. Call to order – 11:30 AM

2. 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>.)

3. Logistics – Staff

- Bias/conflict announcement
- Voting members (Balaras, Conrad, Cross, Cudahy, Edelson, Eley, Floyd, Francis, Gitlin, Gracie-Griffin, Hedrick, Hogarth, Horn, Jouaneh, Leslie, Mason, McGuire, McHugh, McMillen, Paliaga, Pape, Rosenstock, Schoen, Sovocool, Stanke, Subasic, VanGeem, West, Wilen, Winters)
- Guest Introductions

4. Review Agenda

5. Review of Action Items

- Send out revised non-core example addendum language - COMPLETE

6. Chair's Reminders and Remarks

- Membership duty to consider the issues, voice their opinions, and vote on all standards actions. In particular to read, consider and vote on continuation letter ballots that may be issued from meetings when the member was absent.
- Do not communicate with committee members during letter ballots.
- Include ASHRAE copyright on all working drafts.
- Do not to distribute draft addenda, internal committee documents (e.g. input from designated reviewers) or member contact information outside of committee.

7. User's Manual status – No news

8. Approval of Meeting Minutes

- Minutes pending for 11/27

Motion 1: Floyd moved and Rosenstock seconded that the meeting minutes from the 11/27/2018 committee meeting be approved.

Attachments are available upon request.

Vote Motion 1: Motion passed by a show of hands 17-0-1.

9. 189.1-2017 publication schedule

- Working draft of 189.1-2017 to SSPC 1/31/18: **DO NOT DISTRIBUTE**

- IgCC 2018 now available.
- Word version of 189.1-2017?

10. Questions sent to ASHRAE/ICC

- When will non-US/Canada version be available? *Referred to ASHRAE Publications*
- Will addenda to 189.1-2017 be posted online before 189.1-2020 is published? *Probably but not definite.*
- Who responds to interpretation requests? *Details need to be worked out, but responding to such requests are part of ASHRAE's ANSI procedures.*
- Will the 2018 IgCC be available of viewing on the ICC website? *ICC expects so*

11. Requests for Interpretation (RFI) status:

- Interpretation request from Charles Eley, assigned to WG5.

12. CMP status (submission date): None pending

13. Addenda Status

- Public Review completed for:
 - Addendum i (Cooling Towers) – 0 comments
 - Addendum j (Prescriptive Renewables) – 19 comments from 5 commenters
 - Addendum k (Performance Renewables) – 3 comments from 3 commenters
 - Addendum l (Fault Detection and Diagnostics) – 1 supportive comment
- PPR approved for:
 - Addendum a ISC (Cool Roofs in CZ4)
 - Addendum m (Hot Water Distribution)
 - Addendum n (Composite Wood Products)
- PPR approval from SPLS pending for:
 - Addendum b ISC (Alternate Renewables Maximum Area)
 - Addendum bm ISC (District Energy System Modeling)

14. Working Group Reports

- WG 5 – Floyd – Working Group 5 has prepared a draft DA for non-core requirements following the template. Additional items will be brought forward in Atlanta for discussion.
- WG 6 – Pape
 - 189.1i (Cooling Towers), vote for publication with knowledge of unresolved objectors

Motion 2: Pape moved and VanGeem seconded that addendum I (cooling towers) be recommended for publication with knowledge of unresolved objectors.

This addendum updates the cooling tower requirements by specifying different maximum concentrations of contaminants for different cooling tower materials and simplifying the calculations for meeting the requirements. Attachments are available upon request.

Vote Motion 2: Motion is currently passing 19-0-2, subject to a continuation letter ballot.

- Working Group 6 is working through core vs non-core requirements for discussion in Atlanta

- WG 7 – VanGeem – Working Group 7 is working on core and non-core language. They are considering 4 draft addenda for potential energy savings.
- WG 7.5 – Eley – Mr. Eley presented on CO2e/Source energy factors to the full committee. A copy of this presentation has been placed on the FTP site and is available upon request.

- e. WG 8 – Subasic - Working Group 8 is working through core vs non-core requirements for discussion in Atlanta
- f. WG 9 – Horn (Whittet) - Working Group 9 is working through core vs non-core requirements for discussion in Atlanta
- g. WG 10 – Schoen - Working Group 10 is working through core vs non-core requirements for discussion in Atlanta

15. Restructuring of the Standard

- Three options for WG08DA04 language

The committee discussed at length the three options that were distributed by the Chair for review and consideration. During discussion option two was deemed to not be an option, therefore options one and three were considered.

- Option 1 consists of non-core requirements remaining in the body of the standard
- Option 3 consists of moving non-core sections to an appendix

During a straw poll 14 voting members voted in favor of option 1, and 4 voting members voted in favor of option 3.

16. New Business – No new business

17. Future Meetings

- Winter Conference: January 15-16
- Web meetings: February 26, March 26

18. Adjournment – 2:30 PM

ACTION ITEMS

12/18/18

No action items at this time

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