



ASHRAE SSPC 90.1 MEETING AGENDA

2023 Summer Conference Meetings

Saturday, June 24 – 8 AM to noon Eastern Daylight Time (EDT)

Sunday, June 25 – 9 AM to noon EDT

Monday, June 26 – 8 AM to noon EDT

Draft agenda

Notes:

- Full Committee meetings will start and end promptly at times noted.
- All times listed are local Eastern time
- This meeting is open to observation by interested parties.
- Instructions for registering for all 3 sessions are at the end of this agenda
- There will be no introductions
- The agenda order shown may not be followed
- Material for Project Committee members is posted on the Committee Only FTP site:
<https://files.ashrae.org/ftp/login/>
- For those participating remotely, please keep your phones muted
- If there is background noise from your call-in line, you will be muted
- Only committee members and commenters will be unmuted, unless permission is granted by the Chair
- Non-standards action votes will be taken by hand votes and standard actions votes will be taken by ballots emailed to committee members.
- In person attendees, please raise your hand to be recognized. For those participating remotely, please use the raised hand function to join the discussion. You will be unmuted by an administrator.

Full Committee (Day 1) Saturday, June 24, 2023

8:00 AM to noon EDT

Location: Tampa Marriott, Waterside, Florida Salon IV (2)

To participate if you are not present at the meeting, use

<https://ashrae.webex.com/ashrae/j.php?MTID=m0e36b386333a94cebdf336e0f5f8a027>

Meeting number 2348 723 5119

To save bandwidth, we ask in-person participants not to use the remote participation link.

1) Attendance

a) Quorum Determination (Toto)

b) Antitrust Policy Reminder

American National Standards shall be developed in accordance with applicable antitrust and competition laws and meetings amongst competitors to develop American National Standards are to be conducted in accordance with these laws.

c) ASHRAE Code of Ethics

As members of ASHRAE or participants in ASHRAE committees, we pledge to act with honesty, fairness, courtesy, competence, integrity and respect for others, which exemplify our core values of excellence, commitment, integrity, collaboration, volunteerism and diversity, and we shall avoid all real or perceived conflicts of interests.

Review Agenda-Ensure that intended actions/topics are correct. - *Please note that items on the agenda could take place at any of the three meeting sessions subject to subcommittee actions*



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2) Announcements (Brundage)

- a) This will be my last meeting as chair of 90.1. Starting July 1st, the new chair will be Dick Lord. Please include Mr. Lord and myself (Don Brundage) on any 90.1 chair communications during the transition to the new chair.
- b) Keep bio information on ASHRAE website updated, and file new membership application if you have employment change or changes to your sources of support - Send to ASHRAE HQ and to Don Brundage, Dick Lord, Emily Toto, and your subcommittee chair. **New and renewed terms starting July 1st of each year.**
- c) Availability of Errata for Standard and User’s Manual on public website <https://www.ashrae.org/standards-research--technology/standards-errata> (Toto)

3) Results of Standards Committee Actions (Toto)

4) Liaison Reports

Liaison	Report
ASHRAE (Emily Toto)	
SPLS (Jennifer Isenbeck)	
IES (Mark Lien)	
CIS (Martha VanGeem)	
INTERNATIONAL (Jaap Hogeling)	
TC 3.6 Water Treatment (Paul Lindahl)	
TC 4.4 Building Materials and Building Envelope Performance (Jonathan Humble)	
TC 5.2 Duct Design (Larry Smith)	
TC 5.5 Air-to-air Energy Recovery (John Bade)	
TC 6.1 Hydronic and Steam Equipment Systems (Frank Myers)	
TC 6.6 Service Water Heating Systems (Frank Myers)	
TC 7.6 Energy Utilization (Chonghui Liu)	
TC 8.6 Cooling Towers (Paul Lindahl)	
TC 9.9 Mission Critical Facilities (Richard Pavlak)	
TC 9.10 Laboratory Systems (Jason Atkisson)	
SSPC 62.2 Residential Ventilation (Darren Meyers)	
SSPC 90. 2 Energy Efficient Design of Low-Rise Residential Buildings (Wayne Stoppelmoor)	
SSPC 90.4 Energy Std. Data Centers (Richard Pavlak)	
SSPC 170 Ventilation Health Care Facilities *(Sean Beilman)	
SSPC 188 Legionellosis: Risk Management (Paul Lindahl)	
SSPC 189.3 Design, Construction, and Operation of Sustainable High Performance Health Care Facilities (Kara Brooks)	
SSPC 227P Passive Building Standard (John Bade)	
SSPC 300 Commissioning (Justin Garner)	
SPC 514 Minimize Building Water System Risk (Paul Lindahl)	
AEDG (Tom Culp)	
Residential Building Committee (Chris Mathis)	



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5) **Approval of Minutes –**

Spring Virtual meetings, held April 28th, May 5th, and May 11th.

6) **Future Meetings** Current plans are for a series of virtual meetings in the fall, to be held on three consecutive Fridays: September 15th, 22nd, and 29th, from 11 AM to 2 PM Eastern Daylight Time.

a) **2024 Winter Meeting** – Chicago, Illinois from January 20-24, 2024 for meetings of SSPC 90.1.

7) **Department of Energy update** – Christopher Perry, DOE. Status of funding opportunities, DOE determination of savings from 90.1 2022, etc.

8) **Working Group Actions**

None planned at this time.

9) **Subcommittee Actions** – (unresolved objectors = negative voters with reason or unresolved commenter)

a) F&C

b) Envelope

c) Lighting and Power

- Scott Lindgren official interpretations
- Addendum b, Lighting Term clarifications – comment responses

d) ECB

- LaPerle official interpretation

e) Mechanical

- MSC-01: Add Rating Procedures for Heat Exchangers

End of Full Committee Meeting.....Noon



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Draft agenda

Full Committee (Day 2) Sunday, June 25, 2023

9:00 AM to noon EDT

Location: Location: Tampa Marriott, Waterside, Florida Salon IV (2)

To participate if you are not present at the meeting, use:

<https://ashrae.webex.com/ashrae/j.php?MTID=m08f549e132131ad97ffcf2c259bccedb>

1) Attendance

- Quorum Determination (Toto)

2) Updates (Lord)

- Standard Work

3) Bade announcement. California Market Transformation Administration (CalMTA) soliciting ideas for programs.

4) Subcommittee Actions – (unresolved objectors = negative voters with reason or unresolved commenter)

a. F&C

- Quick review of new forms available to assist new committee training, addendum drafting, etc.

b. Envelope

c. Lighting and Power

- Planned 30-minute presentation, followed by question and answer, on addendum a1, Lighting System Performance
- LPSC-04: Addendum cw (Lighting for Exit Stairways) – vote for publication with knowledge of unresolved objectors
- LPSC-05: Addendum b (Lighting Term Clarifications) – vote changes as editorial

d. ECB

- ECB-02: Ortiz CMP
- ECB-03: IAQP in App G for publication public review

e. Mechanical

- MSC-02 Indoor Pool Dehumidification CMP
- MSC-03 Addendum c, Comment response 1-1
- MSC-04: Addendum c, Comment response 1-2
- MSC-05: Addendum c, Comment response 2-1
- MSC-06: Addendum c (Thermostat Deadband) – 2nd PPR ISC



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2) **Public time to address SSPC (30 minutes)**. Persons wishing to address the Project Committee should contact the Chair (Don Brundage - dbrundage1@gmail.com) by COB June 21st, 2023.

End of Full Committee Meeting.....12 p.m.



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Full Committee (Day 3) Monday, June 26, 2023 8:00 to noon EDT

Location: Location: Tampa Marriott, Waterside, Florida Salon IV (2)

To participate if you are not present at the meeting, use

<https://ashrae.webex.com/ashrae/j.php?MTID=mbcc9e640118f6aaf13ffe9df5ce51578>

1) Attendance

- Quorum Determination (Toto)

2) Announcements (Brundage)

3) Subcommittee Actions – (unresolved objectors = negative voters with reason or unresolved commenter)

- a. F&C
- b. ECB
- c. Envelope
- d. Lighting and Power
 - Addendum al, Lighting System Performance
- e. Mechanical

2) New Business

End of Full Committee Meeting.....12 pm



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Full Committee links to join the meetings:

Saturday, June 24th <https://ashrae.webex.com/ashrae/j.php?MTID=m0e36b386333a94cebfd336e0f5f8a027>

Sunday, June 25th <https://ashrae.webex.com/ashrae/j.php?MTID=m08f549e132131ad97ffcf2c259bccedb>

Monday, June 26th <https://ashrae.webex.com/ashrae/j.php?MTID=mbcc9e640118f6aaf13ffe9df5ce51578>

Subcommittee Meeting Schedule *Please note that subcommittee listserves are located at <http://onebuilding.org>*

These meetings are subject to change based on subcommittee schedules – please check with the subcommittee chair if you have questions regarding upcoming meetings.

2023 Annual Meeting – hybrid subcommittee meetings:

For any of the subcommittee meetings, links to participate are available under the 2023 ASHRAE Annual Conference [webpage](#). Links to specific meetings will require entering your email address and name to register, after which you may enter the meeting. For your convenience, links to specific subcommittee meetings are included below.

Format and Compliance

Saturday, June 24, 2023 12:30 PM to 3:30 PM EDT

Tampa Marriott Waterside, Florida Salon 1 (2)

Virtual link. <https://ashrae.webex.com/ashrae/j.php?MTID=m2fe1fa978d4508f8e1685c11a4e625a3>

Envelope

Friday, June 23, 2023 9:00 AM to 8:00 PM EDT

Tampa Marriott Waterside, Meeting Room 1 (2)

Virtual link: <https://ashrae.webex.com/ashrae/j.php?MTID=m25b613d63af7bd699135a268cacc8ead>

Saturday, June 24, 2023 1:00 PM to 8:00 PM EDT

Tampa Marriott Waterside, Meeting Room 4 (2)

Virtual Link: <https://ashrae.webex.com/ashrae/j.php?MTID=m49a0b94039b833a82b3907b75e143b5a>



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Sunday, June 25, 2023 1:00 PM to 6:00 PM EDT

Tampa Marriott Waterside, Meeting Room 4 (2)

Virtual Link: <https://ashrae.webex.com/ashrae/j.php?MTID=m54deabb3b0fd556c64d38d5457eeb3eb>

Mechanical

Friday, June 23, 2023 9:00 AM to 8:00 PM EDT

Tampa Marriott Waterside, Florida Salon IV (2)

Virtual Link: https://teams.microsoft.com/dl/launcher/launcher.html?url=%2F_%23%2F%2Fmeetup-join%2F19%3Ameeting_OGMxMTlwNmYtNjFmMy00NjlyLThhOGYtMmlwOGYzMDZhN2I0%40thread.v2%2F0%3Fcontext%3D%257b%2522Tid%2522%253a%25222b1750a-3e78-4e6a-b576-5f144276bd19%2522%252c%2522Oid%2522%253a%2522d85f5aa1-1424-463f-b945-b8211435cc27%2522%257d%26anon%3Dtrue&type=meetup-join&deeplinkId=5377e0ed-43f5-4b7a-a6e3-1f9e9bc7e293&directDI=true&msLaunch=true&enableMobilePage=true&suppressPrompt=true

Saturday, June 24, 2023 1:00 PM to 8:00 PM EDT

Tampa Marriott Waterside, Florida Salon IV (2)

Virtual Link: https://teams.microsoft.com/dl/launcher/launcher.html?url=%2F_%23%2F%2Fmeetup-join%2F19%3Ameeting_MzM4YzFjMjctN2IxOC00NzJjLWI3NTktY2ZhMjc4Y2I5Yjc3%40thread.v2%2F0%3Fcontext%3D%257b%2522Tid%2522%253a%25222b1750a-3e78-4e6a-b576-5f144276bd19%2522%252c%2522Oid%2522%253a%2522d85f5aa1-1424-463f-b945-b8211435cc27%2522%257d%26anon%3Dtrue&type=meetup-join&deeplinkId=cb228204-d356-463e-9353-bcc8eb52b9bd&directDI=true&msLaunch=true&enableMobilePage=true&suppressPrompt=true

Sunday, June 25, 2023 1:00 PM to 8:00 PM EDT

Tampa Marriott Waterside, Florida Salon IV (2)

Virtual Link: https://teams.microsoft.com/dl/launcher/launcher.html?url=%2F_%23%2F%2Fmeetup-join%2F19%3Ameeting_MzM4YzFjMjctN2IxOC00NzJjLWI3NTktY2ZhMjc4Y2I5Yjc3%40thread.v2%2F0%3Fcontext%3D%257b%2522Tid%2522%253a%25222b1750a-3e78-4e6a-b576-5f144276bd19%2522%252c%2522Oid%2522%253a%2522d85f5aa1-1424-463f-b945-b8211435cc27%2522%257d%26anon%3Dtrue&type=meetup-join&deeplinkId=49713478-efc4-47d3-a105-97d227d155b7&directDI=true&msLaunch=true&enableMobilePage=true&suppressPrompt=true



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Lighting and Power

Friday, June 23, 2023 9:00 AM to 5:00 PM EDT

Tampa Marriott Waterside, Florida Salon III (2)

Virtual Link: <https://ashrae.webex.com/ashrae/j.php?MTID=m56d3705212e0afec74327f6e55fd35b1>

Saturday, June 24, 2023 1:00 PM to 5:00 PM EDT

Tampa Marriott Waterside, Florida Salon V (2)

Virtual Link: <https://ashrae.webex.com/ashrae/j.php?MTID=mcbbc5493a9f7cc51432809b62ead3023>

Sunday, June 25, 2023 1:00 PM to 5:00 PM EDT

Tampa Marriott Waterside, Florida Salon III (2)

Virtual Link: <https://ashrae.webex.com/ashrae/j.php?MTID=mdb2a7b9975daccd379e4ac7b98f89c25>

Energy Cost Budget

No Friday meeting for ECB

Saturday, June 24, 2023 1:00 PM to 4:00 PM EDT

Tampa Marriott Waterside, Florida Salon II (2)

Virtual Link: https://teams.microsoft.com/dl/launcher/launcher.html?url=%2F%20%23%2F%2Fmeetup-join%2F19%3Ameeting_ZGZIMjU4NjgtMzVmNS00YzY5LWI5YTEtYTk1NjVmNGUxM2Fk%40thread.v2%2F0%3Fcontext%253D%25257b%252522Tid%252522%25253a%25252232c2d5c3-a14c-4e77-b10d-2ea142c5a509%252522%25252c%252522Oid%252522%25253a%252522c30a93b7-c939-492c-a496-82190d29e23d%252522%25257d%26sa%3DD%26source%3Dcalendar%26ust%3D1679094835158490%26usg%3DAOvVaw17uPIKmfB_x5-5tR_3DZPw&type=meetup-join&deeplinkId=38aa02a4-ac7f-4aff-a830-b2a758381921&directDI=true&msLaunch=true&enableMobilePage=true&suppressPrompt=true

Sunday, June 25, 2023 1:00 PM to 4:00 PM EDT

Tampa Marriott Waterside, Florida Salon II (2)

Virtual Link: https://teams.microsoft.com/dl/launcher/launcher.html?url=%2F%20%23%2F%2Fmeetup-join%2F19%3Ameeting_ZGZIMjU4NjgtMzVmNS00YzY5LWI5YTEtYTk1NjVmNGUxM2Fk%40thread.v2%2F0%3Fcontext%253D%25257b%252522Tid%252522%25253a%25252232c2d5c3-a14c-4e77-b10d-2ea142c5a509%252522%25252c%252522Oid%252522%25253a%252522c30a93b7-c939-492c-a496-82190d29e23d%252522%25257d%26sa%3DD%26source%3Dcalendar%26ust%3D1679094835158490%26usg%3DAOvVaw17uPIKmfB_x5-5tR_3DZPw&type=meetup-join&deeplinkId=38aa02a4-ac7f-4aff-a830-b2a758381921&directDI=true&msLaunch=true&enableMobilePage=true&suppressPrompt=true

