ASHRAE Shaping Tomorrow's Built Environment Today

Volume XIII, Issue 63

March 29, 2024

STANDARDS ACTIONS

PUBLIC REVIEW—CALL FOR COMMENTS

Constructive comments are invited for the following Public Review Drafts, which can be accessed on ASHRAE's website at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts. All activity for reviewing and commenting on public review drafts can be accomplished completely online. To obtain a paper copy of any Public Review Draft contact ASHRAE, Inc. Attn: Standards Public Review, 180 Technology Parkway, Peachtree Corners, GA 30092, or via email at: standards.section@ashrae.org.

Note: Paper copies are available for $35.00/copy if 100 pages or less and $45.00 if over 100 pages.

30-day Public Review from
March 29, 2024 to April 28, 2024

- **1st Public Review of BSR/ASHRAE/IES Addendum *w* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***

This addendum proposes a reduction in the decorative lighting allowance to reflect current LED technology and practices. The existing value is 0.7 W/sq. ft, and the proposed value is 0.50 W/sq. ft.

- **3rd Public Review ISC of BSR/ASHRAE/IES Addendum *i* to ANSI/ASHRAE/IES Standard 90.2-2018, *High-Performance Energy Design of Residential Buildings***

This independent substantive change to Addendum i comes in response to public review comments. It proposes an adjustment of the Maximum SHGC in Common Areas of buildings in Climate Zones 6-8.

- **1st Public Review of BSR/ASHRAE/IES Addendum *q* to ANSI/ASHRAE/IES Standard 90.2-2018, *High-Performance Energy Design of Residential Buildings***

This addendum comes in response to a Continuous Maintenance Proposal that identified an inaccurate unit conversion in Section 7.4.3.4 (Insulation).

PUBLIC REVIEW—CALL FOR COMMENTS

- **2nd Public Review ISC of BSR/ASHRAE/IES Addendum *n* to ANSI/ASHRAE/IES Standard 90.2-2018, *High-Performance Energy Design of Residential Buildings***

This independent substantive change to Addendum n comes in response to public review comments. It primarily consists of changes to clarify and enhance consistency of the proposed electric vehicle-related definitions.

45-day Public Review from
March 29, 2024 to May 13, 2024

- **1st Public Review of BSR/ASHRAE/IES Addendum *s* to ANSI/ASHRAE/IES Standard 90.1-2022, *Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings***

This addendum reformats tables in Section 9 to separate LPDs from control requirements. In the new LPD tables, new values are also being proposed based on updates to our lighting models that have occurred since 2022.

- **1st Public Review Draft of BSR/ASHRAE Addendum cm to ANSI/ASHRAE Standard 135-2020, BACnet - A Data Communication Protocol for Building Automation and Control Networks**

This addendum adds a new normative annex that introduces the BACnet Energy Services Interface (BACnet ESI) for the access of complex building data via BACnet web services (Annex W).

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45-day Public Review from
March 29, 2024 to May 13, 2024

- **Second Public Review Draft of BSR/ASHRAE Addendum *cp* to ANSI/ASHRAE Standard 135-2020, BACnet - *A Data Communication Protocol for Building Automation and Control Networks***

This addendum adds Authentication and Authorization; BACnet/SC Options to Support Authentication and Authorization; Device Object Properties to support Authentication and Authorization; Data Structures to support Authentication and Authorization; Error Codes to support Authentication and Authorization; PICS statements to support Authentication and Authorization capabilities; New definitions for Authentication and Authorization; New BIBBs and Profiles for Authentication and Authorization; and Examples for Authentication and Authorization.

INTERPRETATIONS

New official interpretations to the following standards are now available on the ASHRAE website at:

http://www.ashrae.org/standards-interpretations

- **ANSI/ASHRAE Standard 15-2022, *Safety Standard for Refrigeration Systems,*** dated March 22, 2024. Refers to the requirements presented in ANSI/ASHRAE Standard 15-2022, Section 7.2.3.3, regarding Effective Dispersal Volume.)

PUBLIC REVIEW—CALL FOR MEMBERS

A *Call for Members* is announced for the following PCs. Persons who are interested in serving on these ASHRAE committees are asked to indicate their interest by completing the online membership application forms listed under Instructions for New Applicants at https://www.ashrae.org/pcmemberapp or by contacting Ryan Shanley at: ASHRAE, 180 Technology Parkway, Peachtree Corners, GA 30092; phone: 678-539-1138; fax: 678-539-2138; email Standards.Section@ashrae.org.

- **SGPC 14, *Measurement of Energy, Demand and Water Savings***

1. PURPOSE:
The purpose of this document is to provide guidelines for reliably measuring the energy, demand and water savings achieved in conservation projects.

2. SCOPE:
2.1 This document provides procedures for using measured pre retrofit and post retrofit billing data (e.g., kWh, kW, MCF, kGal) used for the calculation of energy, demand and water savings.

2.2 The procedures:
(a) include the determination of energy, demand and water savings from individual facilities or meters.
(b) apply to all forms of energy, including electricity, gas, oil, district heating/cooling, renewables; and to water and wastewater. and
(c) encompass all types of facilities: residential, commercial, institutional, and industrial.

2.3 Procedures do not include:
(a) sampling methodologies used in large-scale demand side management programs,
(b) metering standards, or
(c) major industrial process loads.

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STANDARDS ACTIONS

JOIN A LISTSERVE

Click on the following link to learn more about ASHRAE Standards Activities https://www.ashrae.org/listserves.

- GPC 36 — High Performance Sequences of Operation for HVAC Systems
- SSPC 41 — Standard Methods for Measurement
- SSPC 62.1 — Ventilation for Acceptable Indoor Air Quality
- SSPC 62.2 — Ventilation and Acceptable Indoor Air Quality in Residential Buildings
- SSPC 90.1 — Energy Standard for Buildings Except Low-Rise Residential Buildings
- SSPC 90.2 — Energy Efficient Design of Low-Rise Residential Buildings
- SPC 90.4 — Energy Standard for Data Centers and Telecommunications Buildings
- SSPC 161 — Air Quality within Commercial AirCraft
- SSPC 188 — Legionellosis: Risk Management for Building Water Systems
- SSPC 189.1 — Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings
- SPC 201 — Facility Smart Grid Information Model
- ASHRAE Standards Action list serve
- Code Interaction Subcommittee (CIS)
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