



STANDARDS ACTIONS

PUBLIC REVIEW—CALL FOR COMMENTS

PUBLIC REVIEW—CALL FOR COMMENTS

Constructive comments are invited for the following Public Review Drafts, which can be accessed at <https://osr.ashrae.org>. To obtain a paper copy contact ASHRAE, Inc. Attn: Standards Public Review, 180 Technology Parkway, Peachtree Corners, GA 30092, or via email at: standards.section@ashrae.org. Paper copies are \$35.00/copy if 100 pages or less and \$45.00 if over 100 pages.

**30-day Public Review from
September 24, 2021 to October 24, 2021**

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum d to ANSI/ASHRAE/IES Standard 90.2-2018, *Energy Efficient Design of Low-Rise Residential Buildings***

This proposal intends to add some basic indoor environmental quality requirements for lighting systems to align with existing Section 7.3 Indoor Environmental Quality requirements applicable to mechanical systems.

- ♦ **1st Public Review of BSR/ASHRAE/ICC/USGBC/ IES Addendum j to ANSI/ASHRAE/ICC/USGBC/ IES Standard 189.1-2020, *Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings***

This addendum proposes to replace the current Jurisdictional Option [JO] provisions for cool walls in Standard 189.1 with a mandatory requirement to follow the associated section in ASHRAE Standard 90.1, which was improved following the publication of 90.1-2019 Addendum s.

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum ar to ANSI/ASHRAE/IES Standard 90.1-2019, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

This addendum proposes new requirements for lighting used within indoor plant growth facilities using a new metric, photosynthetic photon efficacy (PPE), developed by the American Society of Agricultural and Biological Engineers (ASABE) for the ANSI/ASABE S640 standard. The threshold PPE required for compliance (and avoidance of penalties) is based on the type of facility and will vary for greenhouses vs. all-electric buildings. Introducing the PPE metric to Standard 90.1 and removing an existing lighting

exception that created leniency for horticultural applications will promote significant improvements in energy use.

- ♦ **1st Public Review of BSR/ASHRAE/ASHE Addendum d to ANSI/ASHRAE/ASHE Standard 170-2021, *Ventilation of Health Care Facilities***

The proposed glossary changes in Addendum d are to align Standard 170 requirements with the FGI related to evolving clinical approaches to care and treatment of patients in imaging settings.

**45-day Public Review from
September 24, 2021 to November 8, 2021**

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum al to ANSI/ASHRAE/IES Standard 90.1-2019, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

This addendum introduces a new option for lighting compliance. Currently users can choose from three prescriptive options or a modeling-based method; this alternate path would allow a performance approach that is not dependent on meeting each of the prescriptive requirements in Section 9.

- ♦ **1st Public Review of BSR/ASHRAE/IES Addendum am to ANSI/ASHRAE/IES Standard 90.1-2019, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

Addendum am proposes updates to the exterior lighting power density (LPD) values throughout Section 9 to reflect improved LED technology and revised practices related to light loss factors. Values were established based on criteria for Lighting Zone 3 and then scaled to the other lighting zones accordingly. This addendum represents roughly a 40% reduction in the values that were last modified in the ANSI/ASHRAE/IES Standard 90.1-2016. Additional changes were made to improve how lighting control requirements are presented.



STANDARDS ACTIONS

PUBLIC REVIEW—CALL FOR COMMENTS

♦ **1st Public Review of BSR/ASHRAE/IES Addendum ap to ANSI/ASHRAE/IES Standard 90.1-2019, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

Addendum ap introduces a new section to Standard 90.1 for the use of energy credits to enable a modest increase to the stated baseline efficiency requirements. A total of 33 measures are included for use in all climate zones, covering eight building types. The credit requirement is about a 4-5% additional energy cost savings for most buildings, based on national average energy prices used for ASHRAE 90.1 analysis. While selection of measures is flexible for individual buildings, the requirements were based on a cost-effective demonstration package identified for each building type and climate zone. The energy credit options include both the increase of efficiency above existing requirements within the standard as well as topics not currently addressed in the standard, like point-of-use water heaters, commercial kitchen equipment, or electric load management.

♦ **3rd Public Review ISC of BSR/ASHRAE/IES Addendum av to ANSI/ASHRAE/IES Standard 90.1-2019, *Energy Standard for Buildings Except Low-Rise Residential Buildings***

Addendum av was first launched during revision of 90.1-2016 following the publication of ASHRAE Research Project 1365 which found that unaccounted heat flow through the cumulative impact of thermal bridges can increase the annual energy consumption associated with the building envelope. This ISC addresses a variety of concerns from the committee and public review commenters such as: exceptions have been added for overhangs, additional compliance options have been added for mass walls, allowances for unmitigated thermal bridges has been increased and additional language has been added in Section 11 and Appendix G for clarity.

INTERIM MEETINGS

A complete listing of project committee interim meetings is provided on ASHRAE's website at: <https://www.ashrae.org/technical-resources/standards-and-guidelines/project-committee-interim-meetings>.

- ♦ **GPC 14-2014R, *Measurement of Energy, Demand and Water Savings***, will hold conference calls from 11:00 am to 12:30 pm (Eastern) on the following dates:
 - ⇒ September 29, 2021
 - ⇒ October 20, 2021
 - ⇒ November 10, 2021
 - ⇒ December 1, 2021

For additional information contact Dennis Landsberg, Chair of GPC 14 (drlrm@aol.com).

JOIN A LISTSERVE

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

- ⇒ [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 Low-Rise 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](#)
- ⇒ [Code Interaction Subcommittee \(CIS\) Listserve](#)