STANDARD

ANSI/ASHRAE/IES Addendum ca to
ANSI/ASHRAE/IES Standard 90.1-2022

Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings

Approved by the ASHRAE Standards Committee on June 24, 2023; by the Illuminating Engineering Society on June 7, 2023; and by the American National Standards Institute on July 25, 2023.

This addendum was approved by a Standing Standard Project Committee (SSPC) for which the Standards Committee has established a documented program for regular publication of addenda or revisions, including procedures for timely, documented, consensus action on requests for change to any part of the standard. Instructions for how to submit a change can be found on the ASHRAE® website (https://www.ashrae.org/continuous-maintenance).

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ASHRAE obtains consensus through participation of its national and international members, associated societies, and public review.

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FOREWORD

Technologies have been developed that allow active communication and interaction between buildings and building systems and their utility sources and energy grids. This interactive link offers opportunities for building energy designs to further energy saving goals.

Addendum ca expands the scope of Standard 90.1 to allow the use of effective design strategies for buildings when interacting with their sources of energy. Future changes to the standard would include criteria for buildings to utilize these interactive design strategies.

Informative Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) unless the instructions specifically mention some other means of indicating the changes.

Addendum ca to Standard 90.1-2022

Modify Section 2 as shown (I-P and SI).

2. SCOPE

2.1 This standard provides

a. minimum *energy*-efficient requirements for the design and *construction*, and a plan for operation and maintenance of
   1. new *buildings* and their *systems*,
   2. new portions of
   3. *buildings* and their *systems*,
   4. new *systems* and *equipment* specifically identified in this standard that are part of a *site*,
   5. new *systems* and *equipment* in *existing buildings*, and
   6. new *equipment* or *building systems* specifically identified in this standard that are part of *process applications*; ~~and~~

b. criteria for controlling *systems* in the *building* or on the *site* that modify *energy* usage based on communication with *energy* suppliers to facilitate the use of low-emissions energy sources; and

~~b~~c. criteria for determining compliance with these requirements.

POLICY STATEMENT DEFINING ASHRAE'S CONCERN FOR THE ENVIRONMENTAL IMPACT OF ITS ACTIVITIES

ASHRAE is concerned with the impact of its members' activities on both the indoor and outdoor environment. ASHRAE's members will strive to minimize any possible deleterious effect on the indoor and outdoor environment of the systems and components in their responsibility while maximizing the beneficial effects these systems provide, consistent with accepted Standards and the practical state of the art.

ASHRAE's short-range goal is to ensure that the systems and components within its scope do not impact the indoor and outdoor environment to a greater extent than specified by the Standards and Guidelines as established by itself and other responsible bodies.

As an ongoing goal, ASHRAE will, through its Standards Committee and extensive Technical Committee structure, continue to generate up-to-date Standards and Guidelines where appropriate and adopt, recommend, and promote those new and revised Standards developed by other responsible organizations.

Through its *Handbook*, appropriate chapters will contain up-to-date Standards and design considerations as the material is systematically revised.

ASHRAE will take the lead with respect to dissemination of environmental information of its primary interest and will seek out and disseminate information from other responsible organizations that is pertinent, as guides to updating Standards and Guidelines.

The effects of the design and selection of equipment and systems will be considered within the scope of the system's intended use and expected misuse. The disposal of hazardous materials, if any, will also be considered.

ASHRAE's primary concern for environmental impact will be at the site where equipment within ASHRAE's scope operates. However, energy source selection and the possible environmental impact due to the energy source and energy transportation will be considered where possible. Recommendations concerning energy source selection should be made by its members.

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As an industry leader in research, standards writing, publishing, certification, and continuing education, ASHRAE and its members are dedicated to promoting a healthy and sustainable built environment for all, through strategic partnerships with organizations in the HVAC&R community and across related industries.

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7/23