

ADDENDA

**ANSI/ASHRAE/IBPSA Addendum d to
ANSI/ASHRAE/IBPSA Standard 209-2024**

Building Performance Simulation Process

Approved by ASHRAE and the American National Standards Institute on July 31, 2026, and by the International Building Performance Simulation Association on July 21, 2026.

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ASHRAE Standing Standard Project Committee 209

Cognizant TC: 4.7, Energy Calculations

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FOREWORD

The existing language workgroup proposed changes to Modeling Cycle #2—Conceptual Design Modeling, which, due to a formatting hiccup, was not fully published in the 2024 edition of the standard. The changes here reflect the missing text and clarify the language without changing the scope of each cycle.

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

Addendum d to Standard 209-2024

Modify Section 6.2 as shown.

6.2 Modeling Cycle #2—Conceptual Design Modeling

6.2.1 Purpose. Evaluate energy improvements that are tied to the form and architecture of the building.

6.2.2 Applicability. This *modeling cycle* applies to projects where the form and architecture of the building are still subject to design changes before *schematic design* begins. This *modeling cycle* applies to buildings with internal equipment/*process loads* less than 75% of overall energy breakdown.

6.2.3 Analysis. Create *energy models* based on architectural conceptual designs to estimate annual building energy consumption by end use and peak heating and cooling loads with identical *HVAC systems*, internal occupancy, and equipment/process loads.

Exception to 6.2.3: When HVAC system selection impacts the architectural form, multiple HVAC systems may be modeled.

6.2.3.1 Perform comparative analyses of the conceptual designs options to inform design decisions.

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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