



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

First Public Review Draft

Proposed Addendum *d* to Standard 209-2024, Energy Simulation Aided Design for Buildings except Low- Rise Residential Buildings

**First Public Review Draft (January 2026)
(Draft shows Proposed Changes to Current Standard)**

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[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

Background: The existing language workgroup proposed changes to Modeling Cycle #2 - Conceptual Design Modeling which due to a formatting hiccup did not get fully published in the 2024 version. The changes here are what was not included and aim to clarify the language without changing the scope of each cycle.

Addendum d to Standard 209-2024 – Proposed changes

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: 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.