ANSI/ASHRAE/IES Addendum j to
ANSI/ASHRAE/IES Standard 100-2018

Energy Efficiency in
Existing Buildings


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FOREWORD

Addendum j updates normative references within Standard 100-2018.

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 j to Standard 100-2018

Modify Section 10 as shown. The remainder of Section 10 is unchanged.

10. RESIDENTIAL BUILDINGS AND DWELLING UNITS

[ . . . ]

10.3.5 The EUI and energy target [ . . . ]

Informative Note: Residential energy targets listed in Tables 7-2a through 7-2d were derived from RECS 2005 2015 data and represents the 25th bottom (low energy) percentile of energy use by each building category.

[ . . . ]

Modify Section 11 as shown. The remainder of Section 11 is unchanged.

11. REFERENCES


Modify Informative Annex I as shown. The remainder of Informative Annex I is unchanged.

INFORMATIVE ANNEX I
BUILDING ENERGY MODELING

I1. BUILDING ENERGY MODELING

I1.1 General [ . . . ]


[ . . . ]
REFERENCES

Table I-2 Design-Day Weather Data Sources

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<thead>
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<th>Source</th>
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<tr>
<td>ANSI/ASHRAE Standard 169</td>
<td>(ASHRAE 2021)</td>
</tr>
<tr>
<td>ASHRAE Handbook–Fundamentals</td>
<td>(ASHRAE 2021)</td>
</tr>
</tbody>
</table>

Modify Informative Annex J as shown. The remainder of Informative Annex J is unchanged.

INFORMATIVE ANNEX J
DERIVATION OF ENERGY INTENSITY TARGETS FOR STANDARD 100
[...]

REFERENCES
[...]
[...]

Modify Informative Annex M as shown. The remainder of Informative Annex M is unchanged.

INFORMATIVE ANNEX M
GUIDANCE ON BUILDING TYPE DEFINITIONS
Table M-1 lists subtypes for several building types/activities listed in Table 7-1. Observations in the 2012 CBECS data are not identified at the subtype level. These subtypes provide examples of more specific building uses included within the types. The information used to develop this table was compiled from the CBECS website (EIA 2017) and communication between ORNL and the EIA.
[...]

REFERENCES
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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