

**CODE SOURCE:  
ENERGY CONSERVATION CODE**

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# ABOUT THE CODE SOURCE SERIES

The Code Source Series consists of quick reference guides intended to provide designers, code officials, builders, and owners with the essential information needed to understand and apply codes and standards relevant to their everyday work. Useful as both desk references and field guides, these books reference the codes and standards supported by the *International Code Council*<sup>®</sup>. Most of the references are to 2009 documents, and updates will be made as new codes and standards appear. The main elements of the presentation include reference numbers for specific provisions; Code Points, which explain the important concepts covered in the provision; and Keys to Compliance; which show how the code is applied in the field. The volumes in the series should be used along with the code or standard itself whenever comprehensive information is needed. Then Code Source can serve as a companion volume for the highlights.

## ABOUT THE ICC<sup>®</sup>

The *International Code Council*<sup>®</sup> (ICC<sup>®</sup>) is a nonprofit membership association dedicated to protecting the

health, safety, and welfare of people by creating better buildings and safer communities. The mission of ICC<sup>®</sup> is to provide the highest quality codes, standards, products, and services for all concerned with the safety and performance of the built environment. ICC<sup>®</sup> is the publisher of the family of the *International Codes*<sup>®</sup> (*I-Codes*<sup>®</sup>), a single set of comprehensive and coordinated model codes. This unified approach to building codes enhances safety, efficiency, and affordability in the construction of buildings. The Code Council is also dedicated to innovation, sustainability, and energy efficiency. A Code Council subsidiary, ICC<sup>®</sup> Evaluation Service<sup>™</sup>, issues Evaluation Reports for innovative products and Reports of Sustainable Attributes Verification and Evaluation (SAVE).

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# INTRODUCTION

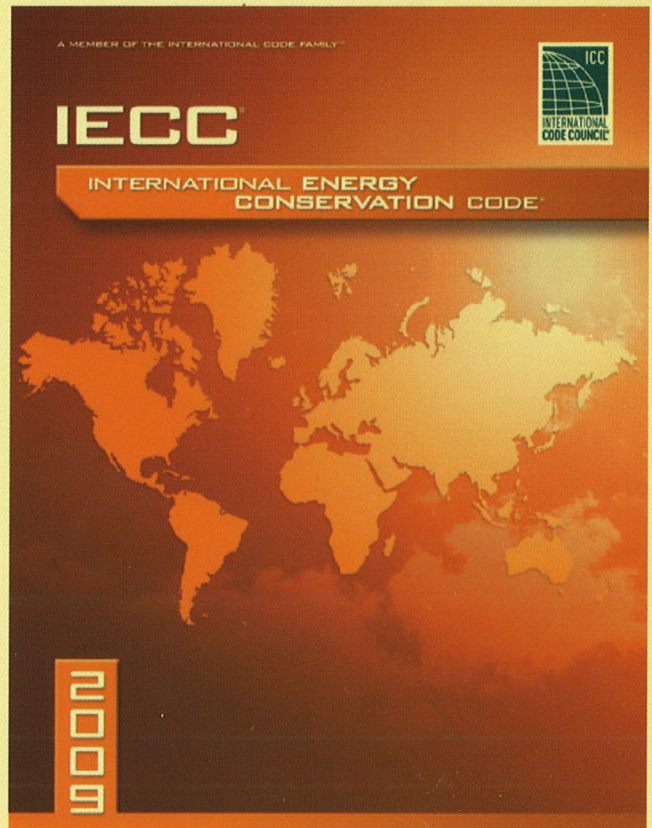
Code Source Energy is a condensed guide to the use and enforcement of the *2009 International Energy Conservation Code*® (*IECC*®, Figure 1). This guide will cover many aspects of the plan review and field inspection processes used to show compliance with the *IECC*®. The *2009 IECC*® contains energy provisions for both commercial and residential buildings. The effective use and enforcement of the *IECC*® should result in less energy use in the buildings of today and tomorrow by addressing areas including the building envelope, the mechanical, service water heating, and electrical systems.

This Code Source guide contains significant code requirements for the *2009 IECC*®, with additional commentary for a better understanding of the requirements.

- **Example:** Section 501.1 has changed in how American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) Standard 90.1 is incorporated into the document. The *IECC*® no longer allows a commercial building to be built using both the *IECC*® and the ASHRAE standard. The designer now must pick one document or the other, and use it in its entirety.

The book incorporates information from the *2009 International Energy Conservation Code*® (*IECC*®) and references the 2007 ASHRAE Standard 90.1.

Other relevant and helpful information is also included to allow the user to better understand the *IECC*® and its enforcement. Tables, photos, graphics, illustrations, and other tools provide examples or otherwise enhance the understanding of the section or topic.



**Figure 1** The *2009 International Energy Conservation Code*® (*IECC*®), published by ICC® as an independent document. ICC® also publishes a version in conjunction with ASHRAE that includes the ASHRAE Standard 90.1. (ASHRAE Standard 90.1 is referenced as an acceptable standard to be used as an alternate to Chapter 5 of the *IECC*®.)