



## Core Performance provides a direct path to high performance buildings

Core Performance®, the cornerstone of Advanced Buildings, is a direct, integrated design approach for achieving predictable energy savings in small- to medium-sized buildings without the need for modeling.

The *Core Performance Guide* brings together over 30 criteria defining high performance in building envelope, lighting, HVAC, power systems and controls. With this well-organized and easy-to-use guide, building design and construction professionals have access to quantitative and descriptive specifications for exceeding state and national energy standards.

### Who is using Advanced Buildings Core Performance?

Core Performance is right for architects, engineers and building owners who want improved energy performance and indoor air quality (IAQ) on their new commercial construction projects while working within tight design and construction budgets.

### How does it help?

Core Performance offers a direct integrated design approach to energy efficiency in new commercial construction projects to achieve energy efficiencies of 15 to 25 percent better than ASHRAE 90.1-2007.

### When should the design team use Core Performance?

While Core Performance can be applied to any building, it's ideal for the 95 percent of buildings up to 70,000 square feet. It's also appropriate for a first step toward higher efficiency or for fully engaged "green," or sustainable, design projects.

### Why are people interested in Core Performance?

Core Performance provides technical guidance on energy efficiency without the time and expense of the modeling process. In some areas incentives and technical assistance are available through local energy efficiency programs.

### How will Core Performance help with LEED Certification?

The U.S. Green Building Council has identified Core Performance as an accepted, alternate path to modeling for EA Credits LEED NC. The process is worth up to five points depending on the building type.

For more information on Core Performance, visit:

[advancedbuildings.net/tools-guidance/core-performance](http://advancedbuildings.net/tools-guidance/core-performance)

### *About Advanced Buildings & New Buildings Institute*

Advanced Buildings is a suite of tools and resources that helps design teams create high performance commercial buildings that stand out for their energy efficiency and healthy environments.

As the cornerstone of Advanced Buildings, the *Core Performance Guide* is a prescriptive path that results in buildings that are up to 25 percent more energy efficient than conventional buildings (ASHRAE 90.1-2007). For a complete list of programs, visit:

[advancedbuildings.net](http://advancedbuildings.net)

Advanced Buildings is developed and managed by New Buildings Institute with support from utility and public benefits organizations as well as foundation funding.

[newbuildings.org](http://newbuildings.org)

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## How Does Core Performance Relate To The 2012 IECC?

Core Performance is designed to push new construction to a new level of energy performance. As a result, it undergoes regular updates to help drive the market. Now available is the *Core Performance 2012 IECC Supplement*, which directly aligns the *Core Performance Guide* with the 2012 International Energy Conservation Code (IECC). For more details, see the factsheet.

**Please Note:** If you are working with a utility to receive incentives and/or LEED energy points, verify that you are using Version 1.1 of the *Core Performance Guide*.