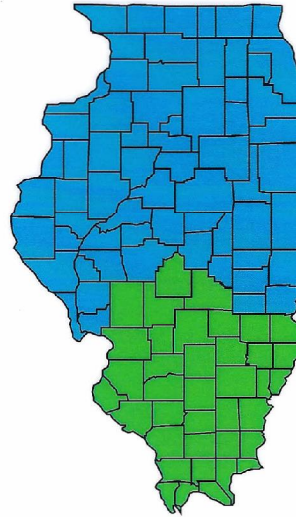


# IECC Compliance Guide for Homes in Illinois

Code: 2012 International Energy Conservation Code

## Step-by-Step Instructions

- Using the climate zone map to the right, match the jurisdiction to the appropriate IECC climate zone. Use the simplified table of IECC building envelope requirements (below) to determine the basic thermal envelope requirements associated with the jurisdiction.
- Use the "Outline of 2012 IECC Requirements" printed on the back of this sheet as a reference or a categorized index to the IECC requirements. Construct the building according to the requirements of the IECC and other applicable code requirements.



## The 2012 International Energy Conservation Code

The 2012 IECC was developed by the International Code Council (ICC) and is currently available to states for adoption. The IECC is the national model standard for energy-efficient residential construction recognized by federal law. Users of this guide are strongly recommended to obtain a copy of the IECC and refer to it for any questions and further details on compliance. To obtain a copy of the 2012 IECC, contact the ICC or visit [www.iccsafe.org](http://www.iccsafe.org). IECC compliance training is also available from many sources.

## Limitations

This guide is an energy code compliance aid for Illinois based upon the simple prescriptive option of the 2012 IECC. It does not provide a guarantee for meeting the IECC. This guide is not designed to reflect the actual energy code, with amendments, if any, adopted in Illinois and does not, therefore, provide a guarantee for meeting the state energy code. For details on the energy code adopted by Illinois, including how it may differ from the IECC, please contact your local building code official. Additional copies of this guide are available on [www.reca-codes.com](http://www.reca-codes.com).

| CLIMATE ZONE 5 |           |            |             |            |
|----------------|-----------|------------|-------------|------------|
| Adams          | De Witt   | Jo Daviess | McDonough   | Sangamon   |
| Boone          | Douglas   | Kane       | McHenry     | Schuyler   |
| Brown          | DuPage    | Kankakee   | McLean      | Scott      |
| Bureau         | Edgar     | Kendall    | Menard      | Stark      |
| Calhoun        | Ford      | Knox       | Mercer      | Stephenson |
| Carroll        | Fulton    | La Salle   | Morgan      | Tazewell   |
| Cass           | Greene    | Lake       | Moultrie    | Vernilion  |
| Champaign      | Grundy    | Lee        | Ogle        | Warren     |
| Clark          | Hancock   | Livingston | Peoria      | Whiteside  |
| Coles          | Henderson | Logan      | Piatt       | Will       |
| Cook           | Henry     | Macon      | Pike        | Winnebago  |
| Cumberland     | Iroquois  | Marshall   | Putnam      | Woodford   |
| DeKalb         | Jersey    | Mason      | Rock Island |            |

| CLIMATE ZONE 4 |           |            |           |            |
|----------------|-----------|------------|-----------|------------|
| Alexander      | Fayette   | Johnson    | Perry     | Union      |
| Boad           | Franklin  | Lawrence   | Pope      | Wabash     |
| Christian      | Gallatin  | Macoupin   | Pulaski   | Washington |
| Clay           | Hamilton  | Madison    | Randolph  | Wayne      |
| Clinton        | Hardin    | Marion     | Richland  | White      |
| Crawford       | Jackson   | Massac     | Saline    | Williamson |
| Edwards        | Jasper    | Monroe     | Shelby    |            |
| Effingham      | Jefferson | Montgomery | St. Clair |            |

|        | Windows               |                   |                          | Insulation      |                         |                   |               | Foundation            |                        |                          |
|--------|-----------------------|-------------------|--------------------------|-----------------|-------------------------|-------------------|---------------|-----------------------|------------------------|--------------------------|
|        | Fenestration U-Factor | Skylight U-Factor | Glazed Fenestration SHGC | Ceiling R-Value | Wood Frame Wall R-Value | Mass Wall R-Value | Floor R-Value | Basement Wall R-Value | Slab R-Value and Depth | Crawl Space Wall R-Value |
| Zone 5 | 0.32                  | 0.55              | NR                       | 49              | 20 or 13 + 5            | 13/17             | 30            | 15/19                 | 10, 2 ft               | 15/19                    |
| Zone 4 | 0.35                  | 0.55              | 0.40                     | 49              | 20 or 13 + 5            | 8/13              | 19            | 10/13                 | 10, 2 ft               | 10/13                    |

NR Indicates No Requirement