



Building Energy Codes Program Resources

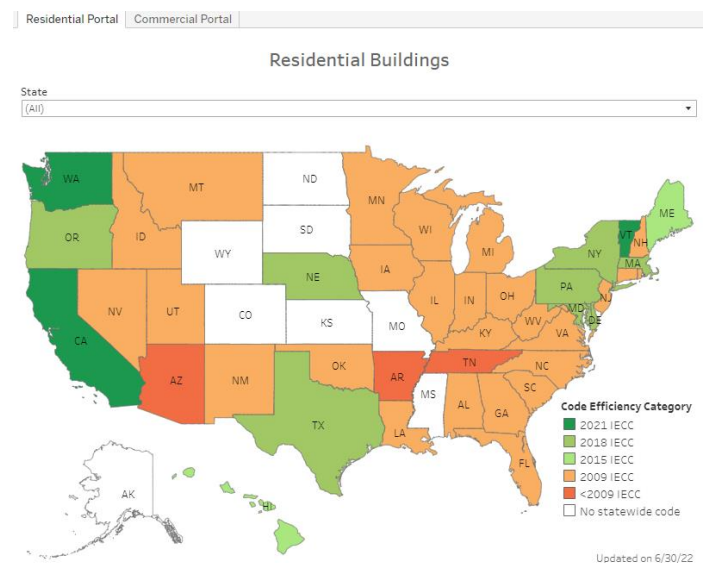
U.S. DEPARTMENT OF
ENERGY

Office of
ENERGY EFFICIENCY &
RENEWABLE ENERGY

The Department of Energy (DOE) Building Energy Codes Program (BECP) mission is to support building energy code development, adoption, implementation, and enforcement processes to achieve the maximum practicable, cost-effective improvements in energy efficiency while ensuring safe, healthy buildings for occupants. A key aspect of this mission is to provide energy code support to states and jurisdictions in the form of technical analysis, code compliance tools and research, training materials, and direct technical assistance. All supporting materials and access to direct technical assistance can be found on energycodes.gov. This guide helps to navigate the BECP website by highlighting popular resources available to support energy code adoption and implementation across the United States.

State Energy Code Portal

[The State Energy Code Portal](#) can serve as your one stop to better understand energy codes across the country and access all state specific BECP resources. The Status of Energy Code Adoption map categorizes states by code efficiency based on an [energy analysis](#) of the state code in effect. Hover over a state on the map to access relevant information such as the reference model code, impact of state amendments, state specific pages, and technical resources. Resources include state fact sheets on the impacts of energy codes, cost-effectiveness analyses, and energy code compliance studies.



State Specific Resources

State Page – Every U.S. state and territory has a page on energycodes.gov with relevant information about energy codes, including the current code, effective dates, key state and regional contact information, technical resources and background information on the adoption process, historical energy codes, and more. Access these pages through the [State Portal](#) or on the energycodes.gov landing page.

State Fact Sheet – Energy codes provide considerable energy and non-energy benefits to residents in states where they are adopted. To find out just how much money, energy, and carbon emissions a particular state can save by updating to the latest model energy codes, click on the state’s fact sheet available through the [State Portal](#).

Cost-Effectiveness Reports – The Pacific Northwest National Laboratory compares the costs and savings associated with updating to the latest model codes in each state and produces a cost-effectiveness analysis based on an approved DOE methodology. Reports are available for the last three versions of residential and commercial energy codes and are accessible through the [State Portal](#) or the [National and State Analysis](#) page.

Energy Code Compliance

Compliance Tools - DOE developed a set of free energy code compliance software tools known as [REScheck](#) and [COMcheck](#) to support the implementation of energy codes across the country. These tools are easy to use and readily available in a web app, enabling file sharing with your project team, auto emailing to the building department (if allowed), and more. Compliance with the Prescriptive Total UA Alternative and limited Performance Compliance Path are supported.

Code Compliance Studies – To help improve state and local energy code implementation, DOE has developed a robust and replicable methodology to assess energy code compliance at the state level. States are encouraged to conduct these types of studies every 3-5 years, or in conjunction with a code update, to validate the impacts of codes and other energy-efficiency programs, identify training opportunities, and benchmark technology trends in construction. If a state funds a statewide study based on the DOE methodology, DOE will fund the data analysis. More information about code compliance studies is available on the [Energy Efficiency Field Studies](#) page.

Training Courses – A host of energy code training materials are available on the [Training Courses](#) page. This page provides easy access to recordings of DOE-hosted webinars, technical guides, and energy code training slide decks. The most recent training slide decks cover the [2021 IECC-R](#), [2021 IECC-C](#), and [ASHRAE 90.1-2019](#).

Innovative Approaches

Stretch Energy Codes – Stretch energy codes present an opportunity to go above and beyond a state or local base energy code. To support this type of code advancement, a series of stretch code technical briefs were developed to provide model code language plus supporting technical information and analysis estimating the associated impacts. Example technical briefs that can be readily adopted include [EV Charging](#), [Electric Readiness](#), and [Energy Credits](#). Access all stretch code briefs and proposals being considered as part of national model code development processes at the [Stretch Codes](#) page.

Building Performance Standards – Building Performance Standards (BPS) are outcome-based policies and laws aimed at reducing the carbon impact of the built environment by requiring existing buildings to meet energy and/or greenhouse gas emissions-based performance targets. The [Building Performance Standards](#) page includes resources related to the development, implementation, and financing of a BPS. In addition, jurisdictions can request direct technical assistance through the [BPS Technical Assistance Form](#).

BECP Help Desk

If you can't find the resources you need to support energy codes in your state or local jurisdiction, BECP encourages the use of the fully staffed [Help Desk](#). The Help Desk is available to anyone to obtain assistance with COMcheck/REScheck, ask an energy code question, or make a detailed technical assistance request, such as analyzing the benefits of a certain energy code. Simply find the Help Desk icon on the [energocodes.gov](#) homepage and click the learn more link.



Building Energy Codes

For information on Building Energy Codes, visit www.energycodes.gov

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