



Northeast Energy Efficiency Partnerships

CODE ADOPTION TOOLKIT

NEEP's Code Adoption Toolkit is a collection of state, regional, and national resources developed to aid development and adoption of more efficient energy codes. This document includes links to materials such as: code analyses and comparisons; state amendments and model language; and code case studies and talking points for topics such as stretch codes and the non-energy benefits of codes.

This toolkit is updated regularly. Be sure to visit NEEP's [Building Energy Codes](#) page for the latest version, and contact [Kevin Rose](#) or [Darren Port](#) with any inquiries.

See also NEEP's [Code Compliance Toolkit](#).

I. NEEP/DOE Introductory Resources

A. [NEEP Model Progressive Building Energy Codes Policy](#)

B. NEEP Regional Web Resources

1. [NEEP Codes Tracker](#)
2. [NEEP Buildings Bulletin Board](#)
3. [NEEP Buildings Blogs](#)

C. [U.S. Department of Energy Code Adoption Toolkit](#)

1. [Adoption Toolkit PDF](#)
2. [online module](#)

II. Determinations / Analyses

A. Federal Model Code Determinations

1. Residential - IECC
 - a) *2015 IECC*
 - (1) [Notice of Preliminary Determination](#)
 - a) [Preliminary Technical Analysis](#)
 - (2) [Energy Savings and Cost Effectiveness](#)
 - (3) [HERS vs 2012 IECC Performance](#)

- b) 2012 IECC
 - (1) [Final Determination](#)
 - (2) [Energy Savings](#)
 - (3) [Cost Effectiveness](#)
- c) 2009 IECC
 - (1) [Final Determination](#)
- 2. Commercial - IECC
 - a) 2015 IECC
 - (1) [Energy Savings and Cost Effectiveness](#)
 - b) 2012 IECC
 - (1) [Cost Savings](#)
 - c) 2010 IECC
- 3. Commercial - ASHRAE 90.1
 - a) ASHRAE 90.1-2013
 - (1) [Final Determination](#)
 - (a) [Qualitative Analysis](#)
 - (b) [Quantitative Analysis](#)
 - b) ASHRAE 90.1-2010
 - (1) [Final Determination](#)
 - (a) [Qualitative Analysis](#)
 - (b) [Quantitative Analysis](#)
 - (2) [Energy Savings](#)
 - (3) [Cost Effectiveness](#)
 - c) ASHRAE 90.1-2007
 - (1) [Final Determination](#)
 - (a) [Qualitative Analysis](#)
 - (b) [Quantitative Analysis](#)

B. State-specific analyses

1. Residential [Cost-Effectiveness](#) (all but MD)
2. COMING SOON: New York 2015 IECC Cost-Effectiveness
3. Commercial [Cost-Effectiveness](#) (CT, DE, DC, NJ, NY, RI)
4. BCAP [2009 IECC Code Calculator](#) - energy savings, avoided emissions, and dollars saved, by year of code implementation

III. Latest Model Code Resources

A. 2015 IECC

1. Energy Rating Index (HERS) Path
 - a) *DOE Resources*
 - (1) [HERS Index Values Corresponding to Minimal Compliance with the IECC Performance Path](#)
 - b) *RESNET Resources*
 - (1) [Overview of the ERI Path in the 2015 IECC](#)
 - (2) [ERI Performance Path Score Alternatives](#)

B. ASHRAE 90.1-2013

1. [2015 Supplement](#)

C. 2015 IgCC

IV. Inter-code Comparisons

A. 2015 IECC vs 2012/2009 IECC

1. [2015 IECC - Summary of Major Proposals](#)
2. [2015 vs 2012 vs 2009 article - Green Builder Coalition](#)
3. NEEP 2015 IECC / ASHRAE 90.1-2013 summary of major changes presentation [please contact NEEP for this resource]

B. 2012 IECC vs 2009 IECC

1. [DOE Summary](#)

C. ASHRAE 90.1-2013 vs 90.1-2010

1. NEEP 2015 IECC / ASHRAE 90.1-2013 summary of major changes presentation [please contact NEEP for this resource]

D. ASHRAE 90.1-2010 vs 90.1-2007

1. [Article: major changes and commentary on practical impacts](#)

V. State Amendments

1. Connecticut
2. Delaware
 - a) [2012 IECC \(all residential\)](#)
3. District of Columbia
 - a) [2012 IECC](#)
4. Maine
5. Maryland
6. Massachusetts
 - a) [2012 IECC - Residential](#)
 - b) [2012 IECC - Commercial](#)
7. New Hampshire
8. New Jersey
 - a) [2009 IECC / ASHRAE 90.1-2007](#)
9. New York
 - a) [2012 IECC - Commercial](#)
10. Pennsylvania
11. Rhode Island
 - a) [2012 IECC](#)
12. Vermont

VI. Stretch Code- Case Studies

1. District of Columbia
 - a) USGBC: [DC Green Code Case Study](#)
 - b) [2012 IgCC / stretch code amendments](#)
2. Massachusetts
 - a) [Stretch Code case study](#)
 - b) *COMING SOON: Stretch Code requirements summary*
3. Rhode Island
 - a) *COMING SOON: RIgCC vs LEED v4 comparison*
4. Vermont
 - a) [Blog: Vermont Stretches for Energy Efficiency](#)

VII. Socioeconomic Benefits of Energy Codes

- A. IMT: [Non-Energy Benefits of Energy Codes](#)
- B. [ICC: 2015 IECC Makes New U.S. Homes More Efficient](#)

VIII. Misc. / Code Language

- A. Renewable Energy
 1. [Renewable Energy Code Provisions Handout](#)

IX. Energy and Carbon Data

- A. *COMING SOON: RSMears Reed Construction data report*

X. Talking Points

- A. BCAP: [Home Buyer Demand for Energy Codes](#)
- B. [Please contact NEEP staff for these resources]