

CODE COMPLIANCE TOOLKIT



NEEP's Code Compliance Toolkit is a collection of state, regional, and national resources developed to improve compliance with and enforcement of more efficient energy codes. This document includes links to materials such as: code training materials, FAQs, inspection tools, and field guides; code compliance assessments; and code case studies and talking points for topics like attribution of savings to utility code compliance programs and streamlined permitting.

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

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

Guidebook Revision Information:

Version	Date	Amendment	Author
1.2	11/15/19	Updates	Bryan Evans

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 Compliance Toolkit](#)
- D. [U.S. Department of Energy Enforcement Toolkit](#)

II. Federal / National Resources

- A. REScheck/COMcheck
 - 1. [REScheck](#)
 - 2. [COMcheck](#)
 - 3. [Priorities for REScheck and COMcheck support](#)

III. Training Materials

- A. National Resources
 - 1. IECC – Residential

- a) [2018 IECC](#)
- 2. IECC- Commercial
 - a) [2018 IECC](#)
 - (1) [Envelope](#)
 - (2) [Mechanical](#)
 - (3) [Lighting](#)
- 3. ASHRAE 90.1
 - a) [90.1-2016](#)
 - (1) [Determinations](#)

B. State Resources

- 1. Connecticut
 - a) [2015 IECC](#)
 - (1) ~~[Major Changes presentation \(Residential\)](#)~~
- 2. [Delaware](#)
 - a) [Energy Code Website](#)
- 3. District of Columbia
- 4. Maine
- 5. Maryland
 - a) [2018 IECC Compliance Guide](#)
- 6. Massachusetts
- 7. New Hampshire
 - a) [Energy Codes Website](#)
- 8. New Jersey
- 9. [New York](#)
 - a) [2015 IECC / ASHRAE 90.1-2013](#)
 - (1) [Online course \(DBCS ID# required\)](#)
 - b) [Basic Training Courses Workbooks](#)
 - (1) [9D- General Building Principles](#)
 - (2) [9F- Building Code of New York State](#)
 - c) [New York City](#)
 - (1) [Energy Code Training Modules](#)
 - (a) [Administrative module](#)
 - (b) [Residential module](#)

- (c) [Commercial Envelope module](#)
 - (d) [Commercial HVAC 1 module](#)
 - (e) [Commercial HVAC 2 module](#)
 - (f) [Lighting and power module](#)
- 10. Pennsylvania
 - a) [Building Energy Codes Training](#)
- 11. Rhode Island
- 12. Vermont
 - a) [2015 VT RBES training slides](#)
 - b) [2015 VT CBES training slides](#)

C. IMT: [Assessment of Energy Efficiency Achievable from Improved Compliance with U.S. Building Energy Codes](#)

IV. Code FAQs / Inspection Materials/Guidebooks

A. COMING SOON: NEEP 2015 IECC Northeast Guidebook

B. State Resources

- 1. Connecticut
- 2. Delaware
 - a) *Delaware 2012 IECC Guidebooks*
 - (1) [IECC Compliance Guide](#)
- 3. District of Columbia
 - a) [DCRA EVS: Energy Verification Worksheets](#)
 - (1) [Guide to Energy Verification Sheets v1](#)
 - (2) [Energy Verification Sheet - Low-Rise Res v1](#)
 - (3) [Energy Verification Sheet - 2013DCEnergyCode_NonRes v1](#)
 - (4) [Energy Verification Sheet - 2013DCEnergyCode Multifamily v1](#)
 - (5) [Energy Verification Sheet -ASHRAE-90-1 NonRes v1](#)
 - (6) [Energy Verification Sheet -ASHRAE-90-1 Multifamily v1](#)
- 4. Maine

5. [Maryland](#)
6. Massachusetts
7. [New Hampshire](#)
 - a) [2009 IECC Energy Code FAQs](#)
 - b) [2009 IECC Residential Field Guide](#)
8. New Jersey
 - a) [2015 IECC Energy Subcode Compliance \(with air barrier & insulation checklist\)](#)
 - b) [Inspection Schedule](#)
9. [New York](#)
 - a) [NY Energy Codes](#)
10. Pennsylvania
11. Rhode Island
 - a) [2012 IECC Residential New Construction Field Guide](#)
 - b) [Technical Bulletins](#)
 - (1) [Build Tight, Ventilate Right](#)
 - (2) [Air sealing & moisture control in commercial buildings](#)
12. Vermont
 - a) [2015 RBES Handbook](#)

C. IMT: [2012 IECC for Simple Commercial Buildings guide](#)

V. Compliance Assessments

A. [NEEP Compliance Assessment Tracking Document](#)

B. State Resources

1. Connecticut
 - a) [2011 Baseline Study of Single-Family Residential New Construction](#)
2. Delaware
3. District of Columbia

4. Maine
 - a) [2011 Commercial Baseline Study \(BL\)](#)
 - b) [2015 Maine Single-Family Residential Baseline Study](#)
5. Maryland (FOA)
 - a) [Montgomery Co Residential Pilot](#)
 - b) ~~[Code Compliance FOA \(2015-2017\)](#)~~
6. Massachusetts
 - a) [2018 MA Commercial Energy Code Compliance & Baseline for IECC 2012](#)
 - b) [2014 Single-Family Non-Program Homes Compliance Assessment](#)
 - c) [2013 DOE 90% Compliance Pilot Studies Report](#)
 - d) [2012 Commercial & Industrial Code Compliance Baseline Study](#)
1. New Hampshire
2. New Jersey
3. New York
 - a) [2012 Compliance Assessment](#)
4. Pennsylvania
 - a) [PA Residential Energy Code Field Study: Baseline Report](#)
 - b) [Code Compliance FOA \(2015-2017\)](#)
 - c) [Energy Code Enforcement and Compliance in Pennsylvania: Lessons from the Field](#)
5. Rhode Island
 - a) [2017 Code Compliance Enhancement Initiative Attribution & Savings Study](#)
 - b) [2018 Baseline Study of Single-Family Residential New Construction](#)
 - c) ~~[2012 Energy Code Compliance Baseline Study](#)~~
 - d) ~~[2011 Baseline Study of Single-Family Residential New Construction](#)~~
6. Vermont
 - a) [2002 Residential New Construction: Baseline Construction Practices, Code Compliance, and Energy Efficiency](#)

C. City Resources

1. NRDC/IMT: [City Energy Project](#)
 - a) IMT 2017: [The City Energy Project Assessment Methodology for Energy Code Compliance in Medium to Large Cities](#)
 - b) IMT 2014: [Establishing a Plan to Achieve Energy Code Compliance in Cities](#)

VI. Utility Engagement

A. Utility Claimed Savings

1. [NEEP Report: Attributing Building Energy Code Savings to Energy Efficiency Programs](#)
 - a) *Recorded webinar*
 - b) *One-page summary*
2. [Greenbuild 2013 presentation: Utility Claimed Savings in the Northeast](#)
3. Rhode Island
 - a) *January 2014 webinar*
 - (1) [NEEP's slides](#)
 - (2) [National Grid's slides](#)
 - b) [April 2014 CSG-EFG webinar](#)

B. [Future of Commercial Code Compliance paper, 2014](#)

VII. Case Studies

A. Code Collaboratives/Coalitions

1. Connecticut
2. [Delaware](#)
3. [New Hampshire](#)
 - a) [Compliance Roadmap](#)
4. [Pennsylvania](#)
5. Rhode Island
 - a) [Code Compliance Enhancement Initiative case study](#)

B. Electronic Permitting

1. District of Columbia
 - a) [*ProjectDox*](#)
2. New Jersey
3. New Hampshire
 - a) [*Simple 2015 IECC Residential Application*](#)
 - b) *E-permitting forthcoming (summer 2015)*
4. Rhode Island
 - a) *E-permitting portal now available*

VIII. Connecting Code Compliance to Building Energy Rating

- A. IMT: [Linking Building Energy Codes With Benchmarking and Disclosure Policies](#)