MA 'Stretch Code'

Mike Guigli – Technical Director
Department of Public Safety
mike.guigli@state.ma.us

Ian Finlayson - Senior Climate Policy Analyst
Executive Office of Energy & Environmental Affairs
ian.finlayson@state.ma.us

The Technical ‘Team’

- NEEP (Isaac Elnecave)
  - NBI (Jim Edelson)
- PNNL (Mark Halverson)
- Utilities (National Grid)
- Chris Mathis, Consulting (Jonah Butcher)

Green Communities Act

- Legislated *State Wide*:
  - Adoption of the Latest IECC code
- and *Locally*:
  - Green Communities Program
    - Requires life-cycle building energy efficiency plus other requirements
    - The Upside: $10m/year in funding available

The Development Timeline

- Dec 08: *Energy Star* and *Core Performance Guide* (codification in process)
- Jan 09: *Energy Star* and *Core Performance Guide* dovetailed into *IECC 09*...one page 'Stretch Code' approved for public hearing!!
- Mar 09:
  - Public Hearing on 'Stretch Code Revision A'
  - 60 Day Public Comment
- May 09: 'Stretch Code Revision B' Approved
- Jul 09: Promulgated

Final ‘Stretch Code’ Residential

- New Construction
  - HERS 70 or less < 3,000 sq ft.
  - HERS 65 or less ≥ 3,000 sq ft.
- Renovations & Additions
  - Prescriptive option:

    Energy Star for Homes
  - Performance option:

    HERS rating of 80 or 85

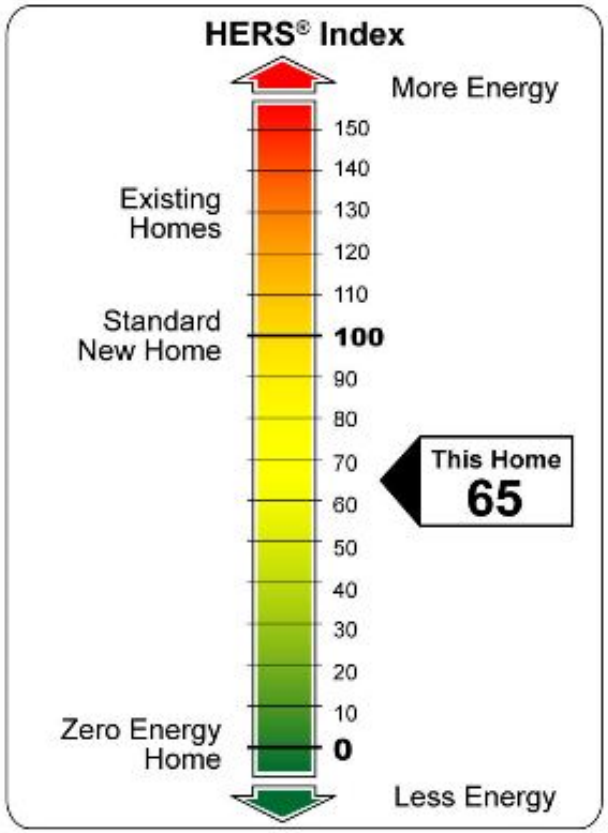

Image source: www.lexingtoninfrared.com/hers-ratings.php

Final ‘Stretch Code’ Commercial

- New Construction
  - $\geq$ 100,000 ft^2 - 20% below ASHRAE 90.1-2007
  - 5,000-100,000 ft^2 allows:
    - 20% below or
    - Prescriptive option with one of the following:
      - Efficient Mechanical Equipment
      - Reduced LPD
      - On-site renewables
- Special cases and Exemptions
  - Supermarkets, Labs, & Warehouses
  - < 5,000 ft^2
  - special uses
  - renovations

Adoption by Towns and Cities

- Adoption Process
  - Municipal public hearing
  - Vote of Board of Selectmen or City Manager, Mayor and City Council
- Timing of Adoption
  - Jan 1 or Jul 1 of any year

Image source: http://www.zechallenge.com/StephensClark-update.htm

Want the code? Get it at www.mass.gov/dps

Energy Conservation 'Appendix 120 AA' Approved - Mozilla Firefox

Edit View History Bookmarks Tools Help

http://www.mass.gov/?pageID=eopsmodulechunk&L=3&L0=Home&L1=Public+Safety+Agencies&L2=Massachu

ma dps

Most Visited | Latest Headlines | The General Court | Wikipedia | EOEA INTRAnet | Green Inc. NYT | RESNE | Blog | Google Reader (113)

Biomass-to-Ele... | Waquoit Bay ... | TRANSFORMA... | USGBC: LEED ... | Photo Gallery | Sh | GreenHomeRa... | Energy ... | Loading...

The Official Website of the Executive Office of Public Safety and Security (EOPSS)

Public Safety

EOPSS Home | Mass.Gov | State Agencies | State Online Servi

Mass.Gov

Home > Public Safety Agencies > Mass rtment of Public Safety >

Energy Conser ppendix 120 AA' Approved

A code change pro energy conservation was approved by the BBRS at the May 12, 2009 meeting. T l become an appendix to the MA State Building Code (780 CMR). It can be view ne link '120 AA Stretch Code Final' below.

After th ally promulgated, which will take several weeks, this appendix may be ado icipality in the commonwealth, by decision of its governing body. In a city having E charter the governing body shall be the city manager and the city council, and in the mayor and city council. In towns the governing body shall be the board of n. In order to be adopted, the appendix must be considered at an appropriate municipal hearing, subject to the municipality's existing public notice provisions. If adopted by a unicipality this appendix rather than 780 CMR 13, 34, 61, or 93, as applicable, shall govern.

Also at the May 12 meeting a concurrency period and a training policy were approved. Concurrency period is a period when *either* the new code *or* the existing code can be used but *not comingled*. The BBRS approved a concurrency period of 6 months to a maximum of 12 months, with such period to begin on either January 1 or July 1 of any year. In addition a town or city which adopts the appendix must provide training to the building official prior to the start of the concurrency period. If you have comment or questions on this subject please forward them to mike.quigli@state.ma.us

120 AA Stretch Code Final PDF (63kb)

SEARCH

Public Safety

Search

Questions ?

Contacts:

Mike Guigli – DPS

mike.guigli@state.ma.us

Ian Finlayson – EOEEA

ian.finlayson@state.ma.us

Image source: Wisdom Way Solar Village – Greenfield, MA:
http://www.ruraldevelopmentinc.org/WWSV/wwsv_update_current.htm