



Energy Codes 2007

Ohio Energy Code Training and Education

July 26, 2007

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Past Training Efforts

The Ohio Energy Office has been offering training to code officials and builders for the past 10 years.

In addition to training on current Energy Codes the Ohio Energy Office believes that Code Official and Builder Trainings should include information on:

- Building Performance
- Building Science
- Durability and Energy Efficiency
- Green Building and Renewable Energy

Past training efforts have included:

- The Ohio Building Solutions trainings by MEEA
- The House's that Work training sessions by EEBA
- The ABC's of Energy Efficiency by Energy Designed Homes
- Integrating Energy Efficiency & Building Performance by Energy Designed Homes
- Integrating Building Performance & Energy Codes by Energy Designed Homes

Typical Curriculum (past trainings)

- IECC Compliance Models
- REScheck and COMcheck demo
- Intro to Home Energy Ratings
- Intro to EPA Energy Star
- Insulation Techniques
- Managing Water
- Air Sealing, Ventilation, IAQ

Getting Them to Attend

- Code Official and Builder Surveys
- Offer Continuing Education Credits
- Provide Food
- Provide half and full day sessions
- Offer trainings when they are available
 - For Builders - evenings, weekends, during the slow season.
 - For Code Officials – weekdays, during the slow season.

Present Training Efforts

- For 2007 the Ohio Energy Office is offering the EEBA House's that Work trainings to Code Officials and Builders via an SEP grant through the state of Minnesota.
- Ohio is sponsoring four trainings.
- To date two trainings have been held and two more are being planned.
- Attendance has been strong with 75 at the first training and 42 at the second.

Future Training Efforts

- We are currently soliciting a RFP to provide training to builders, contractors, raters, building officials and architects about High Performance Buildings and Green and Sustainable building practices.
- Specific trainings will be developed for:
 - Home Builders
 - Home Performance Contractors
 - Building Officials
 - HVAC Contractors
 - Energy Raters

Future Training Efforts

Curriculum will be developed for the following topics:

Codes & Standards/Compliance tools

Design Process - Site Design & Planning (green and sustainable)

Energy Star programs/Building America

Federal tax credits - Green Building - Building Science

Energy movement - Moisture movement

Advanced Framing Techniques

Building Energy Use Modeling/Performance Trade-offs

Indoor Environment/Residential Ventilation/Product Choices

Material Product Selection/Resource Efficiency

Water Management/Flashing/Building Durability

High Performance HVAC/Water Heating

Residential Renewables - Solar PV - Solar Thermal - Wind

Passive Solar Design

Home Performance Contracting