Is this what the next energy code looks like to you?

It can if you are not prepared!
About Beazer Homes

Energy Efficiency

Choice Floor Plans

Mortgage Choice
Committed to Building
100% ENERGY STAR

ASK ABOUT
ENERGY STAR
CERTIFIED HOMES
Energy Code (IECC) and ENERGY STAR®

IECC 2006 HERS ~100 → ENERGY STAR v2.0 HERS ~ 80-85

IECC 2009 HERS ~85 → ENERGY STAR v3.0 HERS ~ 65-75

IECC 2012 HERS ~70 → ENERGY STAR v3.1 HERS ~ 55-65

IECC 2015 HERS ~69* → ENERGY STAR v3.1 HERS ~ 55-65

IECC 2018 HERS ~65** → ENERGY STAR vX.X HERS ~??-??

* ~1% Ryan Meres www.builderonline.com Sep 29, 2015
** ~3-5% Ryan Meres www.builderonline.com Sep 29, 2015
Trusted Partners:

- ENERGY RATER ORGANIZATIONS
- EPA ENERGY STAR STAFF
- EPA ENERGY STAR CONTRACTORS
- BUILDING SCIENCE ORGANIZATIONS
- BUILDING MATERIAL SUPPLIERS
- UTILITY COMPANIES
Alternative Thermal Enclosure Methods
Alternative Ventilation Strategies
Renewable Opportunities
Better designed system = reduced opportunities for leaks

**Figure 1: Standard Air Distribution System**

**Figure 2: High-Efficiency Air Distribution System**

http://smartenergy.illinois.edu/pdf/Archive/DuctSizing.pdf Dec 2000
HVAC System Design

A well conceived duct design paired with equipment installed in conditioned space will help the HVAC system perform more efficiently.
Utility Organizations continue to provide resources through their Energy Efficiency Programs helping to offset the higher cost of energy efficiency.
ENERGY STAR® has kept us on top and ahead of developing energy code