

# “What Should Be Taken From Above Code Programs for Codes”

**2005 National Workshop on State Building  
Energy Codes**

**June 28, 2005**

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# **Need to Shift Thinking to Optimized Systems Engineering**

**Most Builders Rely on Compliance With Minimum  
Prescriptive Codes**

**This results in:**

- **Missing Integrated Solutions That Address System Interactions**

**Optimized System Strategies Will Result in:**

- **Higher Levels of Energy Efficiency**
- **Efficient Use of Resources**
- **Greater Durability**
- **Improved Comfort**
- **Greater Long Term Value to Consumer**

## **Performance Method**

- + Recognizes and Rewards Innovation**
- + Gives Builder Greatest Flexibility to Incorporate Most Cost Effective Features That Makes Most Sense in the Local Housing Market**
- + Construction Savings More Than Makes Up for Cost of Verification**

# What Should be Taken From Above Code Programs?

## First & Biggest Step Already Taken

**Adoption of DOE RICC Proposal – Chapter  
Four IECC 2004 Supplement**

**Created viable and robust performance path  
to IECC**

# What Should be Next Step?

## Standards and Certification

**Proposed for 2006 IECC Code Cycle by  
ACEEE (Reference to RESNET Standards)**

**Not Adopted – Will Try Again Next Code  
Cycle**

# What Should be Considered as Next Generation?

## Whole Energy Use

- + Heating/Cooling/Water Heating 49% of Home Energy Use – Will Decrease As Code is Made More Stringent
- + HERS, ENERGY STAR Homes, & DOE Building America Program Moving to Total Energy Use of Home
- + Codes in Future Need to Consider Total Energy Use of Home

## In Conclusion ...

- + **Need to Shift Goal From Minimum Compliance to Optimal Performance**
- + **Move to Consideration of Whole House Energy Use**