

# **Four Key Elements of the ERI and Why They Matter**

**December 1, 2015**

**Presentation at Energy Foundation/BCAP Meeting**

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**Responsible Energy Codes Alliance**

# 1. 2015 IECC Base Code



- 2012/15 IECC is a significant, cost-effective improvement.
- IECC is only as strong as its weakest performance option



## Solid:

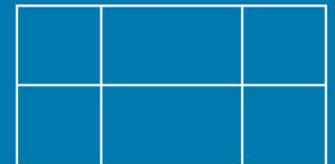
MD, TX, NY (prop),

## Close:

VT, IL, NJ, MI (prop),  
WA (prop)

## Not Close:

AL (prop), UT (prop)



## 2. Low ERI Scores, No OPP Trade-off



- ERI Scores from 51-55.
- No trade-offs for on-site power production

Climate Zone	ERI
1	52
2	52
3	51
4	54
5	55
6	54
7	53
8	53

### Solid:

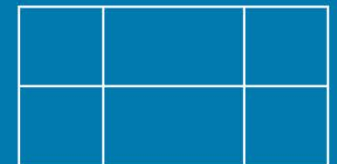
MD, NJ, IL, NY (prop),  
MI (prop)

### Close:

TX, VT, MA (prop)

### Not Close:

AL (prop), UT (prop)



# 3. 2009 IECC Envelope



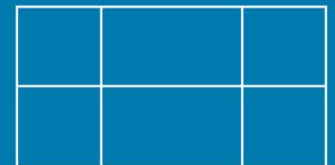
- Thermal envelope components must be no weaker than 2009 IECC, no matter what.
- Most permanent part of the home, best upgraded at construction.

## Solid:

MD, VT, NJ, IL, TX, NY (prop), MI (prop), MA (prop), AL (prop)

## Not Close:

UT (prop)



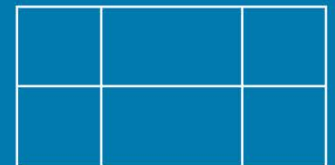
# 4. Mandatory Requirements



- Air leakage, insulation installation, duct testing, equipment sizing, window efficiency, etc.
- Consistent with 2015 IECC.

## Solid:

MD, VT, NJ, IL, TX,  
NY (prop), MI (prop),  
MA (prop), AL (prop),  
UT (prop)







# Thank You

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