2012 IECC Cost Effectiveness Analysis





Disclaimer

Figure 1: Simulation Model of Standard Reference House

Representative Cities

Table 2: Representative Climate Zone Cities

Climate Zone	Moisture Region	State	City	HDD(65)	CDD(65)

Weighted Averaging	
Changes and Cost Impacts of the 2012 IECC	
	Standard Reference House
Construction Costs Associated with 2012 IECC Change	10.5
construction costs associated with 2012 flee chang	es
construction costs Associated with 2012 iLee chang	es
Calculated Energy Usage	jes
	ies .

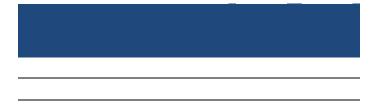
Table 3: Itemized 2012 IECC Incremental Construction Cost over 2006 IECC
Table 4 2010 IF00 Issuer and I Oscidenski ve Osak sven 2007 IF00
Table 4: 2012 IECC Incremental Construction Cost over 2006 IECC
Climate Zone/City Incremental Construction Cost

Table 5: Annual Energy Usage for House Built to the 2006 and 2012 IECC

Location	k۱	Vh Ther	ms Site Bt	u Source Btu	Energy Cost

Calculated Energy Savings

Table 6: 2012 IECC Energy Savings above the 2006 IECC



Conclusions

References

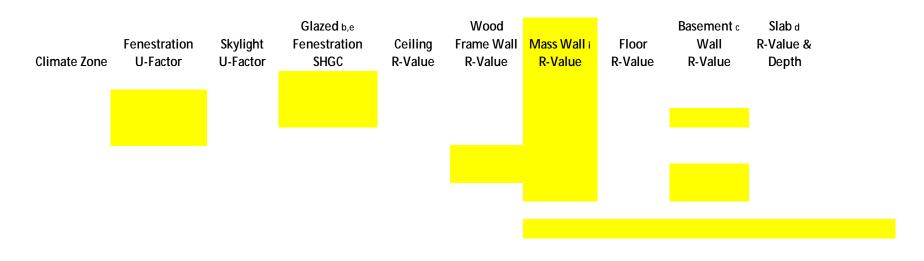
Appendix A: Prescriptive Requirements for 2006 IECC

2006 Internation Energy Conservation Code

			Glazed b		Wood				Slab d	Crawl c
	Fenestration U-	Skylight U-	Fenestration	Ceiling R-	Frame Wall	Mass Wall R-	Floor R-	Basement c	R-Value &	Space Wall
Climate Zone	Factor	Factor	SHGC	Value	R-Value	Value	Value	Wall R-Value	Depth	R-Value
1										
2										
3										
4 Less Marine										
5 & 4 Marine										
6										
7 & 8										

Appendix B: Prescriptive Requirements for 2009 IECC

2009 Internation Energy Conservation Code



Appendix C: Prescriptive Requirements for 2012 IECC

Appendix D: Itemized Climate-Specific Incremental Construction Costs 2006-2012 IECC

