



Proposed Code Change
State Form 41186R

RETURN TO:
INDIANA DEPARTMENT OF HOMELAND SECURITY
CODE SERVICES SECTION
302 W. Washington Street Room W246
Indianapolis, IN 46204

FOR OFFICE USE ONLY
Received
Code

INSTRUCTIONS: Only TYPED copy accepted.
(KEY - ~~Dashed line through material to be deleted~~, underline material to be added)
Use second sheet for any material requiring more space.

Code Title Indiana Energy Conservation Code		Edition 2009
Section number and title 675 IAC 12-6-7		Page 30
Proponent Jason Shelley	Title Executive Director, AIA Indiana	
Address 1200 S. Madison Ave., Suite LL20, Indianapolis, IN 46225		Phone (317) 634-6993
PROPOSED CODE CHANGE (Check One)		
<input type="checkbox"/> Change to read as follows <input checked="" type="checkbox"/> Add to read as follows <input type="checkbox"/> Delete and substitute as follows <input type="checkbox"/> Delete without substitution		
<p>Insert the following at Section 7. (e): (4) One of the following, sealed and signed by the design professional, shall be submitted: (A) A Compliance Report, from an accepted computer compliance tool such as <i>ComCheck</i> (www.energycodes.gov/comcheck/), demonstrating compliance with the Indiana Energy Conservation Code. (B) A report from a comprehensive energy modeling program and an affidavit signed and sealed by the design professional affirming that the tools used to simulate energy performance indicate that the submitted design will meet or exceed the Prescriptive Method of the Indiana Energy Conservation Code.</p> <p>Make the following revisions to Section 7. (f): (1) Subsection (e), except item (4)(A) or (4)(B) must be included in the submittal:</p> <p>Revise item 15 of Section 7. (g) to delete sub-items A through F, and insert a new item 15A as follows: (15)(A) One of the following shall be submitted: (a) A Compliance Report from an accepted computer compliance tool such as <i>ComCheck</i> (www.energycodes.gov/comcheck/), demonstrating compliance with the Indiana Energy Conservation Code. (b) A report from a comprehensive energy modeling program and an affidavit signed and sealed by the design professional affirming that the tools used to simulate energy performance indicate that the submitted design will meet or exceed the Prescriptive Method of the Indiana Energy Conservation Code.</p>		
REASON		
<p>Past history has shown that unless the Indiana Energy Conservation Code is enforced, the effort of adopting it will be in vain. The first stage of enforcement should be verification by plan review that the requirements have been met. The proposed method is a uniform and efficient system that is already in use in many other jurisdictions. Use of Comcheck is a national recognized, free computer analysis tool and will allow plan review to quickly determine compliance with the prescriptive requirements. As an alternative to Comcheck, advanced computer modeling tools which simulate actual performance of the entire building against the benchmark of the prescriptive standards could result in even more efficient buildings. Maximizing both the economic and environmental performance of facilities increasingly requires design professionals to take advantage of these advanced computer modeling tools. These tools</p>		

allow the design professional to give facility owners and operators a reasonable estimate of energy performance based on the interaction of the various building systems as designed. Overall fiscal impact has been shown to be minimal and often less expensive than that of prescriptive methods of compliance, while energy savings markedly surpass those resulting by following prescriptive methods. Submittal of the computer modeling report and an affidavit by the design professional allows plan review to easily verify compliance with the code.

REVIEW RECOMMENDATION

Approve

Disapprove

Approve as amended

Further Study