

## **DHCD, DBFR 2009 Code Change Process**

### **Summary of the April 23, 2009 Workgroup 1 Meeting**

#### **USBC Energy Code Requirements**

##### **CARRY OVER ISSUES FROM LAST WORKGROUP MEETING:**

1. IECC and IRC Chapter 11 administrative provisions and requirements for blower door and duct testing.

**IECC administrative provisions were discussed. Most were opposed to including IECC Chapter 1 provisions, especially above-code language, because the result can be achieved by using the USBC alternate approval process. Staff will draft code change similar to what is in the 2006 USBC to allow the use of the testing, labeling, inspections and compliance reports in the IECC Chapters 2-5.**

2. IECC 503.2.11 Outdoor heating.

**Discussed outdoor heating with concerns expressed about whether “systems” referred only to permanent heating systems or if portable propane heaters would be included. VBCOA and VPMIA to review for possible fixes including the last part on the capability to de-energize when no occupants are present. A timer switch is allowed that would not go off in every case when there are no occupants. Options include leaving as is; fixing for the USBC and submitting to the ICC; or, deleting for this cycle. Will need code changes by the end of May and will be on the June 22<sup>nd</sup> Codes and Standards Committee meeting.**

3. IECC 505.6.2 Outside lighting.

**Most present indicated they do issue permits for the electrical and for the pole installations with some citing local issues related to security and zoning issues. There is one minor change to delete “unless otherwise specified by the local jurisdiction” in the 3<sup>rd</sup> sentence. If retained, staff would do this as an editorial change for the proposed regulations.**

4. IRC Energy provisions comparison.

**Steve Turchen reviewed a summary sheet noting there are few differences. One solution would be to do a code change transporting IECC 402.2.2 on ceiling insulation by adding a 20% limit to the 500s.f. in N1102.2.2. HBAV opposed that change so the impact for the IECC would be for R-2 multi-family dwellings. This issue will be off the table unless there is a code change submitted. This resolves Item 1 under new issues.**

## NEW ISSUES/PROPOSALS

1. IECC 402.2.2 Ceilings without attic space.

**See number 4 above.**

2. IECC Table 405.5.2(1) Heating, cooling and service water heating.

**Discussed tradeoff allowed where higher efficiency appliances allowed reduction in insulation values. Most saw minimal impact and was not in the IRC so HBAV may not pursue a code change. This will not be on table unless a code change is submitted.**

3. IECC 502.4.7 Vestibules.

**A building entrance requires a vestibule. The provision isn't enforced if it is assumed doors to outdoor garden centers aren't covered by the definition. Can leave as is or can have code change to better clarify where you enter and then go out another entrance to an unconditioned outdoor garden center? VBCOA needs to review and discuss with designers and some vendors. Will be carried over for the June 22<sup>nd</sup> Codes and Standards Committee for informational purposes and to see if there are any code changes submitted.**

4. IECC 503.2.9.1 Air system balancing/commissioning buildings.

**IMC requires balancing reports but not commissioning. Many don't require a report at the time of occupancy as often the normal activity for the building is not yet underway and in some cases interior space isn't even finished. VPMIA will review and may submit a change to delete from the IMC. This will be on the Workgroup 3 May 6<sup>th</sup> agenda. The issue will be off the table unless a code change is submitted that would be reviewed at the June 22<sup>nd</sup> Codes and Standards Committee meeting.**

5. Air Conditioning Contractors of America (ACCA) Manual J.

**Discussed. No further action needed.**

6. IPC Appendix C Gray Water Recycling Systems.

**Discussed. This issue will also be on the Workgroup 3 May 6<sup>th</sup> agenda. There will be a sub-group meeting on Gray Water that will meet June 15<sup>th</sup>.**

7. Federal Stimulus Money; any effect on adoption or amendment of energy provisions?

**Discussed. No further action needed.**

#### **OTHER ITEMS DISCUSSED**

**IECC 401.4 - Duct Testing: Discussed proposed change from HBAV. Will be held for further discussions since IRC would allow certification from a contractor, 3<sup>rd</sup> party or themselves. USBC now allows random sample by the building department. Off table pending code change for the proposed regulations. Can be revisited for final regulations next spring.**