

Sustainable Building and Planning Advisory Committee

October 28, 2009 – Meeting Summary

1. New Business

I. The Committee discussed the following items:

- HERs is based on the 2004 IECC and ENERGY STAR is based on the 2006 IECC. What implications might this have for adopting HERS, since we use 2006 IECC?
- Next meeting Mariel will provide a discussion summary on each component for the group to review and comment on prior to her drafting a program which encompasses the components in a manner that is consistent with the approved summary.
- Controlling building size is legal according to the City's attorney and Idaho State Code.

II. CONTINUATION OF DISCUSSION ON RECOMMENDATIONS

a.) Discussed ENERGY as it pertains to New Commercial Construction:

- Can't use HERs for commercial buildings
- Comm-Check identifies different uses. This could be used to obtain a certain percent above the current IECC.
- ENERGY STAR commercial should be looked into further.

b.) Indoor Air Quality as it pertains to New Commercial Construction

- Require mechanical engineer stamp for ventilation systems on all buildings or on larger buildings. This will be costly.
- Manual J and other systems, which are currently required, may be sufficient so long as this requirement is better enforced.

c.) Residential Additions

- All parts touched will have to be brought up to code, so the addition would have to be to code.
- If it exceeds a certain threshold (i.e. a certain % greater than the original floor area, improvements would need to be made to the existing or original structure as well.)
- When improvements to the existing structure is required, ENERGY will be the only component that will need to be complied with and the amount of improvement will be determined by establishing a baseline and increasing the efficiency of the existing portion a certain percentage above that baseline.
- Provide education on or require increased indoor air quality on existing portion, since the building will be getting tighter if improvements are required.
- ENERGY STAR only recommends a minimum fresh air rate.

d.) Residential Remodels

- If a remodel triggers a building permit and a component within res-check is affected the code should be applied.
- Should res-check be used to achieve a certain % above? Is res-check required for a remodel?

- Should other parts of the house be addressed or required to upgrade?

2. Homework

Jolyon – HERS commercial, minimum envelope and HVAC liability research,

Mariel – Dallas, TX Comm-check, ENERGY STAR Commercial, RECOs

Troy – How Title 24 addresses energy usage in commercial buildings

Hermie – Ask Randy Baker if manual J, S, etc. is inspected and whether or not it is required or not required on both residential and commercial.

Jolyon, Troy, and Mariel – meet with Dave to discuss remodels.

Chip – LEED NC water efficiency