



NFRC 2006 Summer Membership Meeting  
July 24-27, 2006, Minneapolis, MN

## Draft Minutes

### Annual Energy Performance Subcommittee

Wednesday, July 26, 2006

*Under the Technical Committee Block: 7:30 am - 11:30 am*

*Chair: Tom Culp, Birch Point Consulting, LLC*

*Vice-Chair: Jim Larsen, Cardinal Glass Industries, Inc.*

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1. **Call to order**
    - a. Circulate attendance sheet
    - b. Welcome to All Attendees ...Cell phones & pagers to Silent Mode
    - c. Review Subcommittee voting requirements: one vote per member company
    - d. Antitrust reminder
    - e. NFRC Meeting Guidelines
  2. **Recording secretary appointed (Jessica Ferris)**
  3. **Minutes from March 8, 2006 San Diego meeting approved as presented**
  4. **Agenda reviewed and approved**
  5. **Reports**
    - a. Consumer Survey Task Group (*currently on hold*)- waiting for direction from SC
    - b. Update on ISO activities on calculation of energy performance – activities are continuing at this time. Development is still at an early stage.
  6. **Unfinished Business:**
    - a. Review of proposed AEP calculation approach, parameters, and previously received comments:

Report by (Tom Culp):

- There are fixed and operable variable assumptions. Most assumptions will be fixed.
- Default home and User specific home
- Updated draft calculation guideline (NFRC 901) sent out for comment. Last draft of this document from 2001.
- There are approximately 20 issues to revolve based on the comments received. Will go through several straw polls at this time:



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- 1. Range calculation:** There was concern raised about using the range concept for the default home - you don't want to have too much of a spread otherwise the outcomes become meaningless; it was suggested that you calculate one result and then use range for the error bar.

Discussion:

- Calculation should be more meaningful to the consumer as opposed to what a national average is.
- Best way to make something meaningful is to use one calculation and range around that. E.g., miles per gallon.
- Range concept more consistent with board direction.

Straw poll vote:

- a. Range concept vote: 25
- b. Single result with error bar: 17

- 2. Energy Costs:** Remove energy cost, and only calculate and report on energy consumption.

Straw poll vote:

- a. Calculate and report only energy consumption - 19
- b. Calculate and report both energy consumption and energy cost - 7
- c. Calculate only energy consumption for default home, and allow user to input costs for user specific home - 18

A second straw poll vote taken between only Items A & C was nearly unanimous for option A.

- 3. Existing Buildings:** One commenter concerned with variability in existing building stock - remove that option for default home.

Straw poll vote:

- a. Include existing building option - 30
- b. Existing building only for user specific homes - 10

- Tom will send out a survey for the rest of the issues that were not addressed at this meeting for votes on the various options offered in each issue. Garrett Stone requests that the PPT presentation be made available on the NFRC website for reference.
- E-mail any comments you have to Tom. ([culp@birchpointconsulting.com](mailto:culp@birchpointconsulting.com))
- Results from straw polls and comments will be used to generate a new draft of NFRC 901 for balloting at the November meeting.



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- 7. New Business – None**
  
- 8. Meeting Adjourned**