

MINUTES
Technical Program Road Mapping Task Group
Non Residential

Monday, March 6, 2006

8:00am –10:00am

Chair: *Mahabir Bhandari – Carli, Inc.*

Mahabir not present; Mike Thoman substitute chair

1. Meeting called to order

2. Elaine Hebert Appointed recording secretary (TG participant)

3. Review and approve agenda

4. Reports

- a. WG 1: Resolution of Glazing and spacer effects: Charlie Curcija summarized results of larger report already posted on website.

Action items:

1. Need to develop language to complete the technical document
2. Staff to post related papers to the web per request from TG members

- b. WG 2: Implementation of Single glazing and double sash configurations options - no report

- c. WG 3: Handling Sloped and structural glazing – no report

- d. WG 4: Implementation of desiccant and glass conductivity effects – no report; desiccant manufacturers are being consulted

5. Unfinished Business

- a. Review the final roadmap draft – no report

6. New Business-Discussion about the continued need (or not) for physical validation of simulations. This is mostly a nonresidential issue. This discussion did not result in any final decisions, but the group identified several problems and possible solutions:

- a. Some confusion over whether this means “pre-bucket” validation or “post-merging” or “post-bucket” validation; that is, validation of components before they are added to the frame, spacer, and glass “buckets,” or physical testing of the fenestration system after a frame type, spacer, and glass type are selected or specified.
- b. many problems with the information (paperwork) provided by manufacturers not agreeing with the physical sample provided for testing

- c. “validation” might not be the best word for confirming accuracy of information
- d. Non residential products offer many layers of complexity for modeling and testing
- e. modeling can show products perform 10% better than actual; has implications for HVAC effectiveness
- f. though there are problems with paperwork submitted to sim or test lab, there are problems with the technologies - full products are not as good as the samples sent (craftsmanship problem)
- g. there are contractual obligations in building projects that the window supplier must honor, but the architects/specifiers may not know what they want or understand the NFRC process or understand fenestration energy efficiency and how that affects HVAC
- h. Manufacturers need to plan and budget – how much money to budget to get products into buckets? Is there some testing they can start now?
- i. Post-bucket testing could be done for a limited period of time (a year?), until prove with some confidence that simulation accurately represents physical product

7. Adjourned approx. 10 am.