

Chair: Ken Nittler

- I. The meeting was called to order by acting chair Ken Nittler.
- II. In attendance (see attached roster). There was a quorum present for business
- III. The antitrust policy was noted.
- IV. Reports/Presentations
 - a. A Complex Glazing System Presentation was given by Christian Kohler.
- V. Ballot Items
 - a. Fenestration Attachments Ballot (reported by Ken Nittler)
 - b. Negative #1 (Chuck Anderson) – It was moved and seconded that the negative be ruled non-persuasive (Van Voorst, Temple). The motion was approved 13-5-4.
 - c. Negative # 2 (Chuck Anderson) - It was moved and seconded that the negative be ruled non-persuasive (Temple, Van Voorst). The motion was approved 14-4-3.
 - d. Negative # 3 (Commentary 1,2,3) – It was moved and seconded that the negative be ruled non-persuasive (Nittler, Temple). The motion was approved 15-2-6.
 - e. Negative (Steve Frey) – It was moved and seconded that the negative be ruled non-persuasive (Culp, Van Voorst). The motion was approved 10-6-6).
 - f. Roland Temple withdrew his negative.
 - g. It was moved and seconded that this document (with editorial changes) be moved forward to the NFRC Board (Temple, Hebert). The motion was approved 16-3-4.
 - h. There being no further business the meeting was adjourned at 6:30 p.m.
 - 1.
- VI. Subcommittee Reports
 - a. Non-Residential Subcommittee (reported by Mike Manteghi) – there were no action items.
 - b. Condensation Resistance Subcommittee (reported by Jeff Baker)
 1. It was moved and seconded to approve a revised subcommittee scope (Temple, Gore). The motion was approved 21-0-3.
 2. It was moved and seconded that the proposed language changes to section 4.4 and 4.5(Temple, Houston) . The motion was approved 19-0-3.

3. It was moved and seconded that the implementation date be ASAP and the old version shall be “sunsetting” in 30 days (Thoman, Temple). The motion was approved 19-0-3.
- c. Long Term Energy Performance Subcommittee (reported by Sam Yuan). It was noted that the research project is almost complete (27 of 28 are complete – with anticipated completion in July. There was concern expressed about the progress of the project and specific concerns about products requiring re-testing with limited explanation.
- d. Research Subcommittee (reported by Joe Hayden)
 - i. It was moved and seconded that Steve Strawn be vice-chair (Hayden, Temple). The motion was approved by unanimous voice vote.
 - ii. It was moved and seconded that the Solar Energy Center research was satisfactorily complete and payment should be forwarded (Hayden, Huston). The motion was approved 20-0-0.
 - iii. It was moved and seconded that a draft RFP for Solar Heat Gain Calibration be approved (Hayden, Temple). The motion was approved 7-3-13.
 - iv. It was moved and seconded to forward the four high priority projects to the Board, (Hayden, Hebert). The motion was approved 17-1-3.
- e. U-factor Subcommittee (reported by Marcia Falke)
 1. It was moved and seconded to approve Window 5.2 and Therm 5.2 (Falke, Van Voorst). As part of the motion, it was recommended that the Board not require additional training for these software items – because APC could not act at this meeting due to lack of a quorum. The motion was approved 21-0-1.
 2. It was moved and seconded to approve the subcommittee recommendations for IP conversion (Falke, Temple). This essentially requires that SI U-factors be reported in 0.05 increments and IP in 0.01 increments. The motion was approved 18-1-5.
- f. Solar Heat Gain Subcommittee (reported by Ken Nittler)
 1. It was moved and seconded (Nittler, Temple) to approve the subcommittee recommendation regarding draft 8 of NFRC 201 (including the annexes) and that this document be implemented upon publication and it replaces the existing document including the waivers. The motion was approved 21-0-3.

VII. New Business

1. It was moved and seconded (D. DeBlock, C. Curcija) that the NFRC Technical Committee meet at the Fall (Kansas City) meeting. The motion was approved 19-0-5.

2. It was noted that a motion was tabled regarding composite windows and it was recommended that a task group be formed to address this issue. The U-factor clarifications task group will be asked to address this issue.
- VIII. There being no further business the meeting was adjourned at 8:50 a.m. on Wednesday