



NFRC Virtual Committee Week – Summer 2010
July 19, 2010, *Webinar*

MINUTES

Research Subcommittee

Monday, July 19, 2010

Under Research & Technology Committee Block Period: 11:00 a.m. – 2:00 p.m.

Chair: *Bipin Shah, WinBuild, Inc.*

Vice Chair: *Peter Lyons, Peter Lyons and Associates*

1. **Call to Order.** After a brief welcome and introduction by NFRC Chairman of the Board Joe Hayden (Pella), and after Chair of the R&T Committee Werner Lichtenberger (TruSeal) handed the meeting over to Chair Bipin Shah (WinBuild). Chair Shah called the meeting to order at 11:05 am EDT; the antitrust reminder was given and the special virtual meeting voting requirements were reviewed.
2. **Appoint Recording Secretary.** John Lewis (NFRC staff) was appointed the recording secretary.
3. **Approve Minutes from April 2010 meeting in New Orleans, LA.** Joe Hayden noted the voting [0-0-0] was recorded incorrectly in the minutes as presented; the minutes were approved as amended (NFRC staff shall correct the minutes as noted).
4. **Reports**
 - a. Research Project Status and Financial Summary-Ray McGowan, NFRC staff, reported on the research financial status including DOE funding.
 - b. Long Range Research Planning Task Group-Bipin Shah reported this TG met in May 2010 and updated the list.
 - c. Window 6-Therm 6 Validation Research PMTG-Joe Hayden, Pella provided a brief update; principle subcontractor (W. du Pont) provided a *PowerPoint* presentation detailing the status of the project. Mr. du Pont stated the goal is to complete the project by the November NFRC membership meeting.
Motion (01): J. Hayden (Pella) /S. Kumar (TRACO) to extend the W6/T6 Validation Research Project Completion date to the November 2010 NFRC Membership Meeting. Motion passed 38-4. ([See Voting Capture](#))
 - d. TDD U-factor Research PMTG-Dave DeBlock, ODL, reported the contractor work is complete, but the task group needs to finish reviewing the reports.
 - e. Condensation Resistance Procedure for CMA PMTG-the contractor, Charlie Curcija, provided an update for Chair Kevin Vilhauer, the chair. Charlie stated that work continues and is expected to be completed by the Fall 2010 membership meeting.
 - f. Complex VT Rating Research PMTG-Ross McCluney, Willie du Pont; R. McCluney provided an update.



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Motion (02): L. Condit (Entech Solar) / D. De Block (ODL) to extend the Complex VT Rating Research Project completion date to the November 2010 NFRC Membership Meeting. Motion passed 31-3. ([See Voting Capture](#))

- g. Gas Permeability Research (IGMA project, NFRC cosponsoring)-Werner Lichtenberger, Truseal; Chair Lichtenberger provided a brief update via a series of slides.
- h. Ventilation Rating TG-Task Group member Steve Strawn (JELD-WEN) provided an update for Chair Ray Garries (JELD-WEN)
 - i. **Motion (03):** S. Strawn (JELD-WEN) / D. De Block (ODL) to revise the scope of the TG as provided (and revised) during the virtual meeting. Motion passed 25-2. ([See Voting Capture](#))

5. New Business

- a. The Fenestration Illumination Research Ballot was reviewed. R. McCluney provided a review of his Illumination Test Method Development Project proposal.
 - i. **Motion (04):** W. du Pont (Sunergy) / D. De Block (ODL) to find the Sunergy negative persuasive and substantive, and to return the Research Project summary page to the Daylighting Rating Task Group for further development. The industry shall consider cost sharing to move forward. The motion passed 30-3. ([See Voting Capture](#))
- b. Nelson Pena (California Energy Commission) withdrew his negative based on the further explanation and clarification by Ross McCluney and the prior motion by Sunergy.
- c. L. Condit (Entech Solar) withdrew his negative based on prior action.
- d. Mike Cienian (Hunter Douglas) withdrew his negative based on prior action.
- e. Marg Webb (IGMA) withdrew her negative based on prior action.
- f. Steve Strawn (JELD-WEN) withdrew his negative based on prior action.
- g. Jim Krahn (Marvin) withdrew his negative based on prior action; he also asked that an explanation of why the project is being undertaken be addressed as well.
- h. The Torrington Lumber Company negative was withdrawn as no supporting comment was provided.
- i. Tom Marisek (WCMA) withdrew his based on prior action.
- j. Jeff Baker (WESTLab) withdrew based on prior action.



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- k. Ken Brenden (AAMA) withdrawn based on prior action.
- l. Joe Hayden (Pella) considers his approve with comment addressed by prior action.
- m. Roger LeBrun (VELUX) considers his approve with comment explained it was essential.
- n. Marc LaFrance (DoE) provided a comment that DoE is interested in pursuing long term window product durability research and encourages NFRC to develop a RFPs to begin research.

6. Adjourn at 1:27 pm.

SCOPE

The Research Subcommittee is to act as a repository for research requests. These requests will be prioritized and recommendations passed to the Research and Technology Committee. The Research Subcommittee is to function as an intermediary for the collection, coordination, and publication of research and test data pertinent to the NFRC organization and its membership. The purpose of this coordinated effort is to provide concise, useful information such as reports of tests in progress and accumulated test results. (Last approved January 8, 2004)



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NFRC Complex VT Rating

<i>EntechSolar, L. Condit – Extend Complex VT deadline to Fall 2010 Membership Meeting</i>			
Yay		Nay	
			M-Sunrise Windows, S. Haubert
			M-TruSeal, W. Lichtenberger
			M-IGMA, M. Webb
			Charlie Curcija
			M-Air-Ins, G. Riopel
			M-Atrium, D. Harden
			M-EntechSolar, L. Condit
			M-IWFA, D. Smith
			M-LBNL, C. Kohler
			M-SunPine, R. McCluney
			M-CrystaLite, J. Westerfield
			M-Southwall Technologies, J. Meade
			M-TRACO, S. Kumar
			M-StorkTwinCity, B. Amberg
			M-Sunergy, W. duPont
			M-Jeld-Wen, S. Strawn
			M-Pella, J. Hayden
			M-CaEnergyComm, N. Pena
			M-Solutia, L. Winckler
			M-Twitchell, G. Webb
			M-CtrforSustainableRes, K. Haglund
			M-Hurricane, L. Turner
			M-ODL, D. De Block
			M-Velux, R. LeBrun
			M-AndersenCorp, S. Johnson
			M-ATI, M. Thoman
			M-Newell, T. Williamson
			M-RoyalGroup, M. Pepin
			M-Cardinal, B. Crooks
			M-HunterDouglas, R. Simons
			M-Associated Materials, S. Harp
Hands 31		Hands 3	
Total 31		Total 3	

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NFRC Ventilation Rating Task Group

<i>JELD-WEN, S.Strawn – Approve new scope</i>			
Yay		Nay	
			M-Atrium, D. Harden
			M-Jeld-Wen, S. Strawn
			Charlie Curcija
			M-ASE, N. Petermann
			M-Marvin, J. Krahn
			M-ODL, D. De Block
			M-SunPine, R. McCluney
			M-Sunrise Windows, S. Haubert
			M-TruSeal, W. Lichtenberger
			M-WESTLab, J. Baker
			M-AAMA, K. Brenden
			M-AndersenCorp, S. Johnson
			M-Newell, T. Williamson
			M-Pella, J. Hayden
			M-Southwall Technologies, J. Meade
			M-Associated Materials, S. Harp
			M-Simonton, T. Jenkins
			M-Solutia, L. Winckler
			M-Velux, R. LeBrun
			M-HunterDouglas, R. Simons
			M-CaEnergyComm, N. Pena
			M-IGMA, M. Webb
			M-StorkTwinCity, B. Amberg
			M-Twitchell, G. Webb
			M-ATI, M. Thoman
			M-Guardian, T. Singel
*Disregard T.Singel's vote		*Disregard T.Singel's vote	
Hands 25		Hands 2	
Total 25		Total 2	

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NFRC Fenestration Illumination Research Ballot

Sunergy, W.du Pont –Sunergy negative persuasive and substantive

Yay		Nay	
<p>Attendees (93) Staff (11)</p> <p>NAMES</p> <ul style="list-style-type: none"> M-Guardian, T. Singel M-IGMA, M. Webb M-ASE, N. Petermann M-Sunrise Windows, S. Haubert M-Atrium, D. Harden M-Jeld-Wen, S. Strawn M-ODL, D. De Block M-Heschong Mahone, M. Saxena M-Sunergy, W. duPont M-AndersenCorp, S. Johnson M-Marvin, J. Krahn M-TRACO, S. Kumar Charlie Curcija M-ATI, M. Thoman M-Velux, R. LeBrun M-HunterDouglas, R. Simons M-Simonton, T. Jenkins M-AAMA, K. Brenden M-TruSeal, W. Lichtenberger M-AssocLabs, J. Vaughan M-Associated Materials, S. Harp M-CaEnergyComm, N. Pena M-Pella, J. Hayden M-EntechSolar, L. Condit M-BirchPoint, T. Culp M-SunPine, R. McCluney M-WFA, D. Smith M-Southwall Technologies, J. Meade M-Twitchell, G. Webb M-CtrforSustainableRes, K. Haglund 		<ul style="list-style-type: none"> M-WinBuild, B. Shah M-Solatube, D. State M-WESTLab, J. Baker 	
Hands 30		Hands 3	
Total 30		Total 3	

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