



NFRC 2010 Summer Membership Meeting  
July 19-21, 2010, Virtual

## Minutes

### Solar Heat Gain Coefficient Subcommittee

Monday, July 19, 2010

*Under Technical Committee Block\*: 3:00 a.m. – 6:00 p.m.*

Chair: *Bipin Shah, WinBuild*

Vice Chair: *Brad Schultz, Associated Laboratories, Inc.*

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1. Chair called the meeting to order at 4:32 PM- antitrust reminder given and reviewed voting requirements
2. S. Hanlon (NFRC Staff) was appointed recording secretary
3. The agenda was reviewed and approved as presented.
4. The minutes from April 2010 meeting in New Orleans, LA were approved as presented.
5. Reports
  - a. Garage Door SHGC Task Group – Staff reported that there is a ballot to discuss during the SC.
  - b. TDD SHGC Task Group – L. Condit reported that there is a ballot to discuss during the SC.
  - c. SHGC Task Group – B. Shah reported that there is a ballot to discuss during the SC and that some discussion took place on the CMA procedure.
  - d. Sightline Tolerance TG – J. Hayden reported the scope of the TG and how the group is reviewing some query information.
6. Unfinished Business
  - a. None
7. New Business
  - a. NFRC 200 Garage Door SHGC Ballot  
Hunter Douglas; M. Cienian (5.5.1.A) - APC  
Comment will be sent back to the TG for consideration for future work.  
WCMA; T. Marusak (5.5.1.A) - APC  
Comment will be sent back to the TG for consideration for future work.  
**MOTION:** S. Strawn / J. Hayden moved to forward the NFRC 200 Garage Door ballot forward to Technical Committee for approval and to be implemented upon publication. Motion passes by majority hand vote. ([See Motion #1](#))
  - b. NFRC 200 Section 4.5G Laminates Ballot  
Glen Raven: J. Gant (4.5.G) – Negative (Withdrawn)



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**MOTION:** S. Strawn / J. Hayden moved the NFRC 200 Section 4.5.G to Technical for approval and to be implemented upon publication. Motion passes 15-9. ([See Motion #2](#))

c. NFRC 201 TI Ballot

Velux: R. LeBrun (Annex G; Section G2.3) – Negative

**MOTION:** R. LeBrun / W. Lichtenberger moved to find the negative persuasive and substantive and to move back to TG. Motion passes: 15-6. ([See Motion #3](#))

Sunergy Consulting: W. duPont – Negatives

**MOTION:** R. LeBrun / L. Condit moved to find the negative addressed in response to previous action. Motion passes by majority hand vote. ([See Motion #4](#))

Entech Solar: L. Condit (Annex G; Section G2.3) – APC

Comment will be forwarded and addressed at TG.

Pella: J. Hayden (Annex G; Section G1.4) – APC

Editorial comment will be forwarded and addressed at TG.

SunPine Consulting: R. McCluney (Annex G) – APC

Comment will be forwarded and addressed at TG.

**NOTE:** All comments and negatives will be sent to the TG for discussion.

8. The meeting was adjourned at 5:39 PM



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Motion #1  
*200 Garage Door Ballot*

**Yay**

**Nay**

No hands raised for Nay

| Attendees (96) |  | Staff (10)                         |
|----------------|--|------------------------------------|
| NAMES          |  |                                    |
|                |  | M-HunterDouglas, T. Marusak        |
|                |  | M-Velux, R. LeBrun                 |
|                |  | M-WinBuild, B. Shah                |
|                |  | M-ASE, N. Petermann                |
|                |  | M-CARLI, C. Curcija                |
|                |  | M-Sunrise Windows, S. Haubert      |
|                |  | M-Pella, J. Hayden                 |
|                |  | M-Keystone, M. Falke               |
|                |  | M-ODL, D. De Block                 |
|                |  | M-Sunergy, W. duPont               |
|                |  | M-TruSeal, W. Lichtenberger        |
|                |  | Christian Mitchell                 |
|                |  | M-Air-Ins, G. Riopel               |
|                |  | M-SunPine, R. McCluney             |
|                |  | M-Simonton, T. Jenkins             |
|                |  | M-Twitchell, G. Webb               |
|                |  | M-WESTLab, J. Baker                |
|                |  | M-Southwall Technologies, J. Meade |
|                |  | M-Jeld-Wen, S. Strawn              |
|                |  | M-BirchPoint, T. Culp              |
|                |  | M-WFA, D. Smith                    |
|                |  | Benson, C. Best                    |
|                |  | D&R Intl., E. Zachery              |

**Total**

**Total**



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Motion #2  
 200 Section 4.5.G Ballot

**Yay**

| Attendee List (105   Max 1001) |                                   |
|--------------------------------|-----------------------------------|
| Attendees (95) Staff (10)      |                                   |
| NAMES                          |                                   |
|                                | M-NT Window, D. Northcutt         |
|                                | M-Sunrise Windows, S. Haubert     |
|                                | M-AndersenCorp, S. Johnson        |
|                                | M-Jeld-Wen, S. Strawn             |
|                                | M-WinBuild, B. Shah               |
|                                | M-Pella, J. Hayden                |
|                                | M-Velux, R. LeBrun                |
|                                | M-WESTLab, J. Baker               |
|                                | M-ATI, M. Thoman                  |
|                                | M-Marvin, J. Krahn                |
|                                | M-TruSeal, W. Lichtenberger       |
|                                | M-Cardinal, B. Crooks             |
|                                | M-Sunergy, W. duPont              |
|                                | M-WissJanney,Elstner, A. Cinnamon |
|                                | M-ODL, D. De Block                |
|                                | Benson, C. Best                   |
|                                | Christian Mitchell                |

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**Nay**

| Attendee List (105   Max 1001) |                                   |
|--------------------------------|-----------------------------------|
| Attendees (95) Staff (10)      |                                   |
| NAMES                          |                                   |
|                                | M-WissJanney,Elstner, A. Cinnamon |
|                                | M-HunterDouglas, T. Marusak       |
|                                | M-HunterDouglas, R. Simons        |
|                                | M-GlenRaven, J. Gant              |
|                                | M-NT Window, D. Northcutt         |
|                                | M-CARLI, C. Curcija               |
|                                | M-SunPine, R. McCluney            |
|                                | M-Newell, T. Williamson           |
|                                | M-Twitchell, G. Webb              |
|                                | Benson, C. Best                   |
|                                | Christian Mitchell                |
|                                | D&R Intl., E. Zachery             |
|                                | Ed Ellenberger                    |
|                                | Enclos, D. Bettenhausen           |
|                                | Greenberg, S. Meza                |
|                                | Larson, T. Stratmoen              |
|                                | Leonard Greenberger               |

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Motion #3  
 Screen shot not available



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Motion #4  
2<sup>nd</sup> Motion to 201 TDD Ballot

**Yay**

| Attendees (90) |  |  |                               | Staff (10) |
|----------------|--|--|-------------------------------|------------|
| NAMES          |  |  |                               |            |
|                |  |  | M-Sunrise Windows, S. Haubert |            |
|                |  |  | M-Amsco, J. Jonely            |            |
|                |  |  | M-EntechSolar, L. Condit      |            |
|                |  |  | M-Jeld-Wen, S. Strawn         |            |
|                |  |  | M-Marvin, J. Krahn            |            |
|                |  |  | M-SunPine, R. McCluney        |            |
|                |  |  | M-Velux, R. LeBrun            |            |
|                |  |  | M-WinBuild, B. Shah           |            |
|                |  |  | M-Air-Ins, G. Riopel          |            |
|                |  |  | M-CaEnergyComm, N. Pena       |            |
|                |  |  | M-ODL, D. De Block            |            |
|                |  |  | M-Pella, J. Hayden            |            |
|                |  |  | M-Solatube, D. State          |            |
|                |  |  | M-Sunergy, W. duPont          |            |
|                |  |  | M-TruSeal, W. Lichtenberger   |            |
|                |  |  | M-IWFA, D. Smith              |            |
|                |  |  | M-Simonton, T. Jenkins        |            |
|                |  |  | M-StorkTwinCity, B. Amberg    |            |
|                |  |  | M-Twitchell, G. Webb          |            |
|                |  |  | M-HunterDouglas, T. Marusak   |            |
|                |  |  | M-NT Window, D. Northcutt     |            |
|                |  |  | M-Rygg, T. Rygg               |            |
|                |  |  | Benson, C. Best               |            |
|                |  |  | Christian Mitchell            |            |

Total

**Nay**

No hands raised for Nay

Total