



RESNET's New ANSI Standards Activities

Annual Building Performance Conference

February 27, 2013

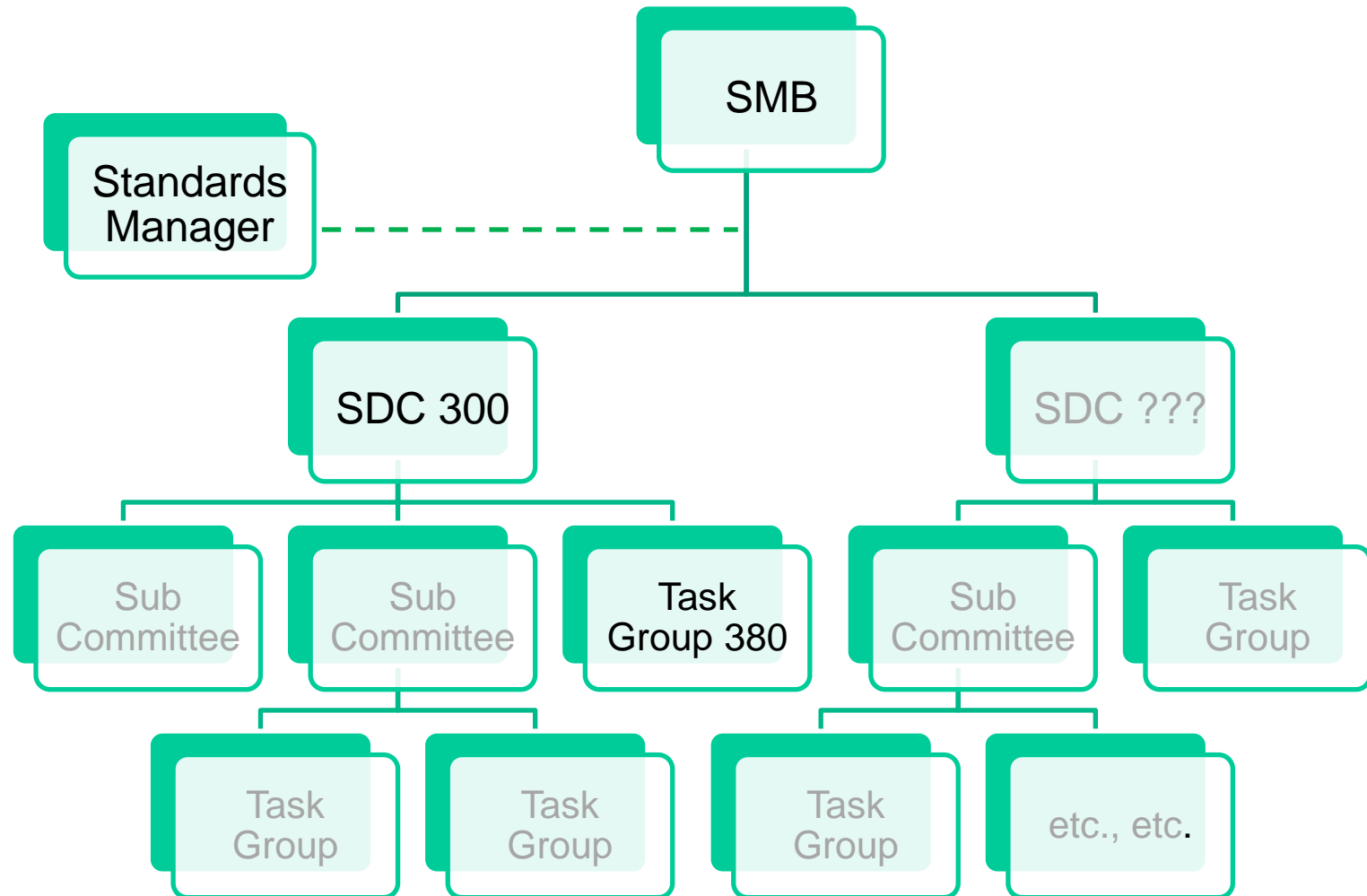
Philip Fairey & Rick Dixon

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Governance

- RESNET is an ANSI-accredited Standards Development Organization (SDO)
- *RESNET Standards Development Policy and Procedures Manual, Version 1.1, January 2012*
 - Approved by ANSI as RESNET's governing SDO document on January 3, 2012
 - Changes must be approved by ANSI
- All “standards actions” are subject to compliance with *ANSI Essential Requirements: Due process requirements for American National Standards.*

RESNET SDO Structure



Standards Management Board

- Five members appointed by RESNET Board of Directors
- Responsible for ensuring that ANSI standards development process is faithfully followed
- Final process approval authority for the publication of RESNET standards developed as ANSI SDO
- SMB Voting Members:
 - Philip Fairey, FSEC, Chair
 - Wes Davis, ACCA
 - Bret Dillon, IBS Advisors
 - David Goldstein, NRDC
 - Jim Peterson, Pulte Homes

Standards Development Committees

- Standards Development Committee (SDC) members are appointed by SMB
- SDCs must have balanced voting membership
- SDC 300 established by SMB February 2012
- SDC 300 Voting Members:

Brett Dillon (P), Chair

Terry Clausing (P)

Philip Fairey (GI)

Dean Gamble (GI)

C.R. Herro (U)

Kristof Irwin (P)

Kelly Parker (P)

Jim Peterson (U)

Dave Roberts (GI)

Michael Strohecker (U)

Rebecca Troutfetter (U)

Iain Walker (GI)

(P) = Producer; (U) = User; (GI) = General Interest

SDC 300 Activities

- SDC is final technical authority in standards development process
 - Only SDC members vote on standards actions
 - SDC balance is required
 - Twelve current members:
 - 4 Producer members
 - 4 User members
 - 4 General Interest members
- Current SDC 300 activities:
 - BSR/RESNET 301-2013
 - BSR/RESNET 380-201x

BSR/RESNET 301-2013

Standard for the Calculation and Labeling of the Energy Performance of Low-Rise Residential Buildings using the HERS Index

Final Draft Standard

February 27, 2013

Published by:



Residential Energy Services Network, Inc.

P.O. Box 4561

Oceanside, CA 92052-4561

<http://resnet.us/>

Status of BSR/RESNET 301-2013

- Preliminary Draft Standard released by RESNET for public review on 8/10/12 with closing date of 10/9/12
- Received 161 public comments
- SDC 300 actions
 - Completed consideration of all public comments and drafted all responses to commentators
 - 98 comments accepted or accepted with modification
 - 63 comments rejected
 - Completed Final Draft Standard, with accepted comments
 - Submitted Final Draft Standard and responses to public comments to SMB for process review and consideration of publication
- Publication approved by SMB today!



BSR/RESNET Standard 301-2013 Final Draft Standard

Public comments and SDC responses
are now posted on the following web
page on RESNET web site:

[http://www1.resnet.us/comments/comme
nts.aspx?DocumentID=4](http://www1.resnet.us/comments/comments.aspx?DocumentID=4)

Principal Improvements

- Two HERS Reference Home changes with respect to Section 300 of *Mortgage Industry Standards*:
 - Envelope leakage – SLA changed from 0.00048 to 0.00036 to align with 2006 IECC
 - Windows – Reference Home SHGC changed from 0.55 to 0.40 in climate zones 4-8 to align with 2006 IECC
- Envelope and duct leakage field measurements now required (no defaults) for all Confirmed Ratings
- All referenced standards (e.g. ACCA, ASHRAE, ASTM, etc.) were updated
- Section on calculating savings estimates (energy and pollution) added
- Rating types (Confirmed, Sampled, Projected) more fully defined
- Proprietary requirements (e.g. RESNET accreditation) removed from the standard.

Impact of Reference Home Changes

Change in HERS Index Score			
Zone	Leakage	Windows	Net
1	0	0	0
2	0	0	0
3	+1.5	0	+1.5
4	+3.0	-0.5	+2.5
5	+3.5	-1.0	+2.5
6	+4.0	-1.5	+2.5
7	+5.0	-2.0	+3.0
8	+5.0	-2.0	+3.0

Status of BSR/RESNET 380-201x

- BSR/RESNET 380-201x: *Standard for Testing Enclosure and Air Distribution System Leakage*
- Task Group 380 authorized by SDC 300 in February 2012 with Iain Walker as Chair
- BPI formally objected to Project Initiation Notification System (PINS) for development of 380-201x on August 15, 2012
- Negotiations with BPI continued through November 29, 2012 when RESNET notified BPI that development of 380-201x would continue without inclusion of combustion safety testing
- WG 380 currently working on Draft Standard.

2013 Priorities

- ANSI approval of BSR/RESNET 301-2013
 - Timely SMB response to any appeals (30 days)
 - ANSI BSR review of all 63 rejected comments
 - Publish ANSI/RESNET 301-2013
 - Revise Section 300, *Mortgage Industry National Home Energy Rating Systems Standards* to adopt ANSI/RESNET 301-2013 with effective date
- Development of BSR/RESNET 380-201x
 - Working Draft Standard by WG 380
 - Consideration and comments by SDC 300
 - Preliminary Draft Standard (PDS) by WG 380
 - Approval of PDS by SDC (standards action)
 - PDS submitted through ANSI for public comment
 - Resolution of public comments



Any Questions?

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