**SDC 301 CALCULATIONS SC Call Draft Minutes**

March 6th, 2023 | 1:00 PM – 2:30 PM Eastern

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**Members Present:** Dave Roberts (Chair), Neal Kruis, Charlie Haack, Gayathri Vijayakumar, Rob Salcido, Scott Horowitz, William Ranson, Brian Christensen

**Members Absent:** Philip Fairey, Nick Sisler

**Others Present:** Paul Kintner, Daniel Urban

**RESNET Staff Present:** Clara Hedrick, Laurel Elam, Rick Dixon, Emma Bennett

**Minutes Prepared By:** Clara Hedrick, Emma Bennett

The meeting was called to order at 1:02 PM Eastern.

**Approve Agenda**

Brian Christensen made a motion to approve the agenda as amended. Rob Salcido seconded. The motion passes.

**Approve Meeting Minutes from January 9, 2023**

Rob Salcido made a motion to approve the minutes as amended. Brian Christensen seconded. The motion passes.

**Review/approve comment responses for PDS-01 BSR/RESNET/ICC 301-2022 Addendum C-202x**

Dave Roberts asked if SCC would provide recommendations for Comment #1 PDS-01 Addendum C 301-2022. Neal Kruis asked how soon a draft would need to be ready. One approach would be to review other standard approaches.

Language would be updated in PDS-02 to be specific to wrap ducts and the working group will be formed to address buried ducts in the future.

Rick Dixon stated substantive changes would require a PDS-02. If not, there will not be. Neil said the comment would be considered substantive and required PDS-02. Rick also mentioned Addendum C needs to be completed as soon as possible. Gayathri asked if changes would be necessary “must-fix”, due to the timeline being pro-longed if PDS-02 is necessary.

Neil stated that no guidance for buried ducts at this time, so the network would be no better or worse if language is not added and could be addressed in future addendums.

Dave Roberts said Comment #5 may be hard to reject, Neil stated it is listed as editorial and therefore would not require PDS-02. Brian Christensen said the language would correct it back to what was previously proposed. Gayathri asked if it was something that had been missed in the committee.

Gayathri stated that it was something that could be verified by looking at previous working documents, Rick Dixon stated it may take time but could be done.

Gayathri asked if rejections to comments could be pursued and if starting a new project would be beneficial to prevent PDS-02. Dave suggested a review of Comment #8 and Brian Christensen suggested a review of Comment #4 to see if substantive changes are appropriate.

In a review of Comment #4 for section 4.2.2.7 to adjust language around “modified” versus “simulated”. Neil asked if it would be considered editorial. Gayathri stated “simulated” versus “modified” may be an Interpretation Request, which software would be able to easily adopt and prevent delay of Addendum C.

Brian asked if Internal Gains prevent things being modeled like crawl spaces or basements, PDS-01 language states that software must change to accommodate this. Gayathri stated that PDS-02 can be pursued, but all comments or substantive changes are considered necessary for the updated 2024-ICC.

Brain stated that there is language in the standard that can create confusion. Brian stated 301-2019 language to accommodate shared equipment in MF housing. Defining Internal Gains as strictly the gains within Conditioned Space Volume, then there are no boundaries on other factors in multi-family spaces.

Neil Kruis asked if the definition of Internal Gains should be modified, and Brian Christensen said it may be out of scope. Neil stated that it may be able to be addressed with an interpretation request.

The group discussed comment rejection with the reasoning that Internal Gains are limited to Conditioned Space Volume.

Dave Roberts suggested the rejection of comment #8 due to consistency with Onsite Power Production. Brian Christensen agreed that it should stay in line with that. Comment response included a note about recognizing logic and reviewing the approach for future Addenda.

Other comments were reviewed with the decision to accept, accept in principle, and reject with reasoning.

Comment #3 group discussed and decided on accepted, which would create PDS-02 with a shorter time frame because of the small change and likelihood that public comment would be limited.

The committee discussed other comments that could be incorporated as part of PDS-02. Brian mentioned that if time is lost when commenters are requested to re-submit comments and create duplicated work.

Neal asked who would be responsible for PDS-02. Rick stated if the worry of duplicate effort may be caused, that the committee could support and sponsor proposals or interpretation requests.

Neal asked if, in the response to comments, the committee could change a different part of the standard as part of the scope, such as Internal Gains being written versus practical use. Dave stated that he would propose the rejection of Comment #4, and Brian stated he would be prepared to pursue an IR.

Gayathri confirmed with comments #3 plus an editorial comment being accepted, PDS-02 would be able to be turned around quickly. Gayathri said the main consensus committee of ICC assigned Addendum C to RESNET, and the ideal timeline was to have it completed in April; ICC would not want to risk a third public comment round and Addendum C is not included in the ICC standard.

Rick stated an additional complication that ANSI requested for the procedure could prolong the PDS-02 turnaround.

Gayathri said she would confirm the timeline and if the publishing date could be considered the editorial comment to prevent delay of ICC standard.

**Agenda Items Not Addressed:**

* **Proposed MINHERS Amendment to remove COVID exception/defaults (Gayathri, Rick)**
* **Proposed MINHERS Amendment to add space-constrained equipment definition (Dave)**
* **Clarification re Infiltration Reduction Factor for MFDU (Gayathri)**
* **Update: Quality of installation of HPWHs**
* **Update: IR 301-2022-002 Clarifications to Commercial DHW Efficiency Working Group**
* **Update: CFIS coordination w/ 310 update**

The meeting adjourned at 2:03 PM Eastern.