**SDC 301 CALCULATIONS SC Call Draft Minutes**

July 11, 2022 | 1:00 PM – 2:30 PM Eastern

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**Members Present:** Brian Christensen, Gayathri Vijaykumar, Nick Sisler, Philip Fairey, Scott Horowitz, Rob Salcido, Charlie Haack, William Ranson, Neal Kruis (guest)

**Members Absent:** Dave Roberts (Chair)

**RESNET Staff Present:** Laurel Elam, Rick Dixon

**Minutes Prepared By:** Christine Do

Meeting called to order at 1:03 PM Eastern.

**Approve Agenda**

Gayathri Vijayakumar made a motion to approve the agenda. Rob Salcido seconded. The motion passed without objection.

**Approve Meeting Minutes from June 6, 2022**

Gayathri Vijayakumar made a motion to approve the meeting minutes from June 6, 2022. William Ranson seconded. The motion passed without objection.

**Addendum MINHERS 66f PDS02 Comment Responses**

The subcommittee discussed the first comment. It was noted that there was no proposed change. The commenter expresses concern about the use of Electric for the reference case in all regions of the country. The proposed response was to reject the public comment because no change was proposed by the commenter, and the comment was related to provisions of the addendum that were not open to public comment at the time.

Nick Sisler suggested that the subcommittee provide a response to the commenter's concern about why electricity was chosen. Both Scott and Neal pointed out that there is a constant point of confusion surrounding the choice of fuel type in the reference home. A suggestion was made to have a footnote in Standard 301 itself to clarify that the reference home is normalizing the results of the rated home.

Scott clarified to the group that there are two points of discussion:

* 1. Why the reference home moved to a fixed fuel type, and
  2. The decision of what fuel type for that fixed fuel type in the reference home.

To the second point, it is arbitrary. To the first point, whether it is fixed, or to the rated home, that is the confusing point.

Gayathri suggested that on a wider scale, there needs to be clarification on this discussion. However, for the purpose of this reason statement and the response to this public comment, Rick or someone from the subcommittee can reach out to the commentor to clarify.

Gayathri made a motion to approve the response. Nick seconded.

Scott proposed an edit to the response to direct the commentor to where they can propose changes to a standard.

Gayathri amended her motion to approve the edited response. Nick seconded. Motion carreid without objection. The response will be recommended to SDC300 for their consideration.

The subcommittee discussed the second comment, which was a supportive comment. The subcommittee also discussed ASHRAE Standard 189, and whether it was still using a 20 year time horizon. Philip responded that ASHRAE is currently taking comments on Standard 189.1, and that they expected considerable comments on the topic of time horizons. Philip detailed RESNET’s reasons for using a 100-year time horizon.

Nick made a motion to approve the response. Rob seconded. Motion carried without objection. The response will be recommended to SDC300 for their consideration.

**301-2022 Addendum B PDS01 Comment Responses**

The subcommittee discussed both comments. Nick made a motion to approve the responses. Gayathri seconded. Motion carried without objection. The responses will be recommended to SDC300 for their consideration.

**Accessory Dwelling Units**

A question had arisen from a QAD regarding accessory dwelling units. The details of the scenario had been distributed to the subcommittee prior to the call.

The subcommittee discussed permits, occupancy, and addresses. Gayathri also stated in the future, further guidance on the blower door test too (e.g., sum the values) will also be needed. Nick suggested that if something is to be sold together, then it should be rated together.

Laurel stated that a recommendation from either the Calculations SC or SDC 300 would be sufficient for the RESNET Quality Assurance Team. The subcommittee therefore agreed that the response is that the primary consideration should be the property address.

The subcommittee agreed that a formal interpretation request is the best approach. The RESNET Quality Assurance team will move forward with the formal interpretation request.

Nick made a motion. William seconded. Motion carried without objection. The response will be sent to the Quality Assurance team.

**Converting Space heating Et to AFUE & DHW COP to EF**

The subcommittee discussed converting space heating and thermal efficiency to AFUE. From the last meeting, Gayathri had circulated some discussion regarding software inputs.

Philiip stated that if this relates to the standards, then it will need to go in to Standard 301. Rick recommended to work with Neal to add into Addendum C. Gayathri can craft language and work with Neal.

**Modeling continuous kitchen exhaust ventilation**

Gayathri has an interpretation request that is drafted to address confusion across raters for multi-family homes, when running kitchen ventilation continuously. The group discussed different ways to model continuous kitchen ventilation.

Nick moved to adjourn.

Meeting adjourned at 1:26 PM Eastern.