**SDC 301 CALCULATIONS SC Call Draft Minutes**

March 4th, 2024 | 1:00 PM – 2:30 PM Eastern

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**Members Present:** Dave Roberts, Rob Salcido, Gayathri Vijayakumar, Philip Fairey, Brian Christensen, Nick Sisler, William Ranson, Scott Horowitz, Patrick Robertson

**Absent:** Charlie Haack

**RESNET Staff Present:** Clara Hedrick, Rick Dixon, Neal Kruis, Laurel Elam

**Minutes Prepared By:** Clara Hedrick

The meeting was called to order at 1:04 PM ET.

**Approve Agenda**

Philip Fairey suggested adding an agenda item titled **3C Refrigerators.** Gayathri also suggested scheduling another meeting for the 18th. Clara to send a doodle poll for the last week of March.

Brian Christensen made a motion to approve the agenda as amended. Philip Fairey seconded.

**Approve 2/5/2024 meeting minutes (**[**Link**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.dropbox.com_scl_fi_4qux32xns751p38ro26qi_SDC-2D301-2DCALCULATIONS-2DSC-2DCall-2DDraft-2DMinutes-2D2-2D5-2D2024.docx-3Frlkey-3Durg548ckyla0py6gij81xu2u6-26dl-3D0&d=DwMFAg&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=JnhbwqPwQqN2Joz-qNtDyw&m=QcBfmClVqLDEGcTFORupYc-QONzaCdsYHpptttB25FL2hazg2vVTZKNXeqaK392N&s=kQ-RnxfM46lYpWCXQfbW_zANlizmyyuGrr-h0a1tpvw&e=)**)**

Philip Fairey made a motion to approve the meeting minutes as amended. Brian Christensen seconded.

Meeting minutes approved.

**Finalize and approve 301-2022 Addendum C PDS02 (Dave/Rick, attachment)**

Rick Dixon left comments throughout this entire document for suggested changes. The group agreed to review comment-by-comment.

Comment left on Heating Seasonal Performance Factor (HSPF) references the incorrect normative reference. This was amended to include *-2017* to refer to the older version. Neal confirmed the following language needs to be included in the footnote clarifying this reference.

*2023 (2020) Standard for
Performance Rating
of Unitary Air-conditioning
& Air-source Heat Pump
Equipment*

Other instances of this normative reference in this draft were found to be correct.

Gayathri reminded the group that this is PDS-02 and cannot be delayed. Gayathri suggested prioritizing only key changes needed.

The group agreed to add two footnotes in this draft to address normative appendix discussion, Dave Roberts to draft the language.

The specification *Vented* was added to table 4.2.2.57(2) to specify the dryer type. The group discussed which component exactly is vented, and clarified that it does not refer to the heat source.

This committee approved any minor editorial cleanup from Rick Dixon without discussion.

In 4.4.3.1.4, standard reference design was replaced with *Energy Rating Reference* Home in order to be consistent with the standard. The group discussed and changed similar language that was not consistent when referring to the Reference Home in this section.

* 1. **F-factor corrections for Addendum C (attachment)**

This was found to be an accidental formatting mistake, so the group agreed to adopt the residual mills correction outlined in the attachment sent prior to the meeting. Philip checked the calculations and the proposed change’s formula was found to be correct.

* 1. **3C Refrigerators**

The committee reviewed the data sent by Philip Fairey prior the meeting. Philip suggested reverting to an hourly schedule in refrigerators stating he was not able to find a major difference when using temperature-based calculations. Neal and Philip discussed aligning with other guidelines and how to achieve accuracy at different temperatures. Philip’s plot shows that a schedule can be made almost identical to the temperature-based calculations.

Temperature (degree in Fahrenheit) was missing in the hourly internal gains section 4.2.2.7 and was corrected.

The group is mostly in consensus that the temperature-based calculations should be left as currently written, though Philip Fairey is in dissent. The group further discussed the best path forward. Other software providers have been able to accommodate this data as it currently stands.

After much discussion the committee agreed to leave it as is.

* 1. **Develop responses to SDC PDS01 votes/comments (attachment)**

The group reviewed comments left on PDS-01. Dave to draft responses based on the committee’s consensus and input from committee members. Philip to draft a response to Ian Finlayson’s comment.

**301-2022 Addendum F (Gayathri, attachment)**

Not addressed.

**301-2025 Working folder/document/process (**[**Link**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.dropbox.com_scl_fo_qyou4nypv27164jv8dfhf_h-3Frlkey-3Dwfh5sb3r4dsafvhwn08v8vudd-26dl-3D0&d=DwMFAg&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=JnhbwqPwQqN2Joz-qNtDyw&m=QcBfmClVqLDEGcTFORupYc-QONzaCdsYHpptttB25FL2hazg2vVTZKNXeqaK392N&s=AcDAUfcp9YoNHUhSXHAQsV24xcOkCAXYSn_GoTuRFOY&e=)**, Dave)**

* 1. **Other solutions for collaborative editing?**

Not addressed

* 1. **To do list (Dave, everyone)**

Not addressed

The meeting was adjourned at 2:30 PM ET.