**SDC 301 CALCULATIONS SC Call Draft Minutes**

December 4th, 2023 | 1:00 PM – 2:30 PM Eastern

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

**Absent:**

**RESNET Staff Present:** Noah Kibbe, Rick Dixon, Laurel Elam, Neal Kruis

**Minutes Prepared By:** Noah Kibbe

The meeting was called to order at 1:06 PM ET.

**Approve agenda**

Brian made a motion to approve the agenda. Rob seconded. The motion passed.

**Approve 11/6 meeting minutes (**[**Link**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.dropbox.com_home_SDC-2520301-2520Calculation-2520SC_01-5FMeeting-2520Minutes-3Fpreview-3DSDC-2B301-2BCALCULATIONS-2BSC-2BCall-2BDraft-2BMinutes-2B11-2D6-2D2023-2Drd.docx&d=DwMFAg&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=JnhbwqPwQqN2Joz-qNtDyw&m=h7lzWn8VC2kgseA2sSKOMWkivF-tXJHMl1pagG7TFqBG56WBKxQ9lkq5uIDGxGnz&s=PdjB2m6bie8WCb67xjWs4DNqD4DD8-Nmbi4a2xu9-gc&e=)**)**

Brian made a motion to approve the 11/6 meeting minutes as amended. Rob seconded. The motion passed.

**2025 301 planning**

Addressing IR-2019-033, IR-2019-034 (attached)

IR-2019-033

New language is needed to clarify this section for 2025.

Philip suggested rewording the language to read *Where all the showers* instead of the proposed language of *If all the showers*, and keeping the rest of Sharla’s proposed interpretation.

Rick is working with the ICC on printing the published version of the Standard. The ICC is developing a PDF version of 301 and 380 to post before the December deadline to update the editions of those Standards.  
The documents for 301 and 380 are on the RESNET® website under Standards/MINHERS.  
When the other Addenda are finalized, they will be incorporated into the final document for 301.

Gayathri will write language for Sharla’s proposal and send it to Dave and Rick to be incorporated into the master file later.

IR-2019-034

The interpretation was rejected because the committee does not accommodate either commercial kitchen equipment or prorated consumption by shared kitchen appliances.

The committee does not have any intention of developing a Standard that would allow this.

Philip said no further action is required beyond rejecting the proposed change.

Dave suggested adding language to clarify policies for shared kitchens.

**Table 4.2.2(1) re-org and SCC HP modeling/consistency mods (Neal)**

Neal and Brian will only have time to address one of the two priorities.

PRIORITY ONE

Current Outline:

There is currently a 10-page Big Table under Residence Specifications, followed by a 10-page note section.

Items are sorted topically.

Proposed Outline:

The proposed changes split sections based on the rated versus reference home but would be located close to compare.

Create an informative summary table.

Informative Link Tables: a table that would provide section links to jump to different pages of the document, similar to a table of contents.

Feedback:

Dave likes the idea of breaking up the sections and using tables when needed.

Philip said the Informative Link Tables may not work properly in an ICC document because they will be printed.   
Rick said many access documents using the ICC website where the hyperlinks may not work.  
Philip and Nick said that they do not use the web version because it is outdated.

Philip said to keep in mind that software providers are the ones that use the document most often.

Dave worried about redundant language that turns into a maintenance issue. Neal said a summary table would pose that challenge, but with a hyperlink to each section, that problem would not exist.

Gayathri said this reads similar to Addendum G, which software providers will already be familiar with.

PRIORITY TWO

Variable Capacity Heat Pump Modeling

Neal has been chairing a modeling working group.

This document would be converted into Standard language that would define how software tools would take in and interpret simulations.

Philip said RESNET® needs an HVAC reference Standard to be used in 301.

An algorithm is close to completion to be used in the document.

Some of this could be enforced through MINHERS and/or through agreement from the Software Consistency Committee.

Brian asked how this inter-relates with equipment grading. Neal said they will likely grade each speed accordingly.

Brian asked how the status of this compares to the CO2 index track used for 301-2022 and if it can serve as a model for how heat pump modeling can be incorporated into 301.

Philip said ASHRAE will occasionally have a new Standard for an advisory group to review and that this document could go out soon for a public advisory group. This would allow individuals outside of the working group to review the document. Neal cautioned that these are often not taken seriously and may not receive an adequate number of responses.

Neal and Brian determined that Priority One would be their focus. Priority Two can be accomplished through other means at a different time.

**Past comments compilation (attached, Rick)**

Several comments require the group to review and determine if these issues need to be addressed.

Dave will create a new folder in Dropbox that will include resources.

Gayathri’s comment was rescinded.

Brian made a motion to adjourn. Philip seconded.

The meeting was adjourned at 2:28 PM ET.