**SDC 301 CALCULATIONS SC Call Draft Minutes**

May 5th, 2025 | 1:00 PM – 2:30 PM Eastern

[MEETING RECORDING](https://zoom.us/rec/share/6N_ULs9Hn8Zh9Dmz4EtDTnBot9lt_Syp_mBbW1WXjsMxeSXj_Byk250POrmWPYaG.H4g2qSRHzq6NlW6x?startTime=1746464579000)Passcode: zf47TM%8

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| --- | --- | --- | --- |
| **Members & Staff** | **Present** | **Absent** | **Other Attendees** |
| **Members**  Brian Christensen  Charlie Haack  Gayathri Vijayakumar  Nick Sisler  Philip Fairey  Rob Salcido  Scott Horowitz  William Ranson | **Members**  Brian Christensen  Gayathri Vijayakumar  Nick Sisler  Philip Fairey  Rob Salcido  Scott Horowitz  William Ranson | Charlie Haack | Rick Dixon  Neal Kruis  Paulette McGhie  Noah Kibbe  Katie Stewart |

**Meeting called to order at 1:03 PM ET**

**Approve agenda**

Brian Christensen motioned to approve the agenda. Rob Salcido seconded the motion. The agenda was approved.

**Approve 04/07/2024 meeting minutes (**[**here**](https://www.dropbox.com/scl/fi/6lkhqiprgf7x5z6f3upxk/SDC-301-CALCULATIONS-SC-Call-Draft-Minutes_04-07-2025.docx?rlkey=14fa59drz3ql3xp454nzz81wz&e=2&st=46tire4c&dl=0)**)**

Brian Christensen motioned to approve the April 7th, 2024, meeting minutes as amended. Gayathri Vijayakumar seconded the motion. The minutes were approved as amended.

**Discussion on disbanding of Software Consistency Committee (Gayathri & Neal - see attached file).**

As of April 2025, the deliverables for the SCC were completed. The RESNET® Board of Directors voted to disband the SCC and form a new Task Group. This new group will be structured around the standard outlined in PDS-02 301-2025.

Neal Kruis will oversee the new group. A request will be sent to current members to determine interest in remaining involved. The goal is to identify overlapping interests and form a revised membership list. Meeting dates and times will be determined after membership is finalized.

To date, 301 and the SCC have only addressed Appendices A and B as necessary, without detailed exploration. A working group is actively developing the Insulation Appendix, and the next steps involve determining how to incorporate this content into 301.

Aligning topics with agenda items will provide flexibility, allowing members to engage based on their areas of interest. This recommendation will be forwarded to the SDC 300 Committee for review, and the associated groups will participate in those recommendations.

The new Task Group will be formed and the official name determined by June 2025.

**Discussion of public comments on PDS-02 301-2025 (Rick & Gayathri).**

One public comment was received from Building Efficiency Resources (BER). Rick Dixon noted that RESNET has key initiatives planned for 2025. Rick mentioned that this topic had been previously addressed, with the Calcs Subcommittee recommending not to follow the path proposed by the BER. Amendments will be required for Standards 380 and 301, to be developed concurrently, similar to the CFIS approach used for Standard 301-2022.

The primary goal is to finalize and integrate Standard 301-2025 so that it becomes part of the references for the 2027 edition of the International Energy Conservation Code (IECC). This work is currently ongoing.

The comment opposed a section in the 2025 version, stating that it does not reflect the most recent developments related to Central Forced-Air Induced Systems (CFIS).

The CFIS-related amendments closed a loophole in the previous standards. These amendments ensure that Standard 380 now includes provisions that account for how the system should be sealed during duct leakage testing or whole-building leakage testing (such as blower door tests). This change is reflected in both 380-2022 and 301-2025.

The amendment does not mandate a change but enables one. It ensures that openings are not counted twice, making them both identifiable and measurable. If a CFIS includes a controlled damper, the fan will be closed during testing, preventing the system from being erroneously measured as a leakage pathway.

The subcommittee recommends rejecting the comment because updates addressing CFIS treatment are already in progress for the 2025 standard.

**Discussion of proposed change to Addendum 90f (Philip & Scott - files attached).**

The subcommittee reviewed Scott Horowitz’s proposed revisions to Table 4.2.2.7.2.10 concerning gallons per hour (GPH) for clothes washers. Lines 2–9 of the table reflect values currently in the standards for the Energy Rating Index (ERI) reference home.

The standard equation can be used to calculate gallons per cycle. The reference clothes washer water usage, based on the standard’s equations, was previously set at 4.67 gallons (at 90°F) in the N90F version. This has now been corrected to reflect an updated value. The proposed change is to update the table with the corrected 90°F usage value.

Scott Horowitz and Philip Fairey agreed with the revised values. The committee supports the simplification and the use of the rated home equation to produce a more consistent and accurate value.

Scott volunteered to lead the effort to update the equations in the 2025 standard. Rob and Philip supported Scott’s nomination. PSD-02 was identified as a starting point for the revisions.

It was noted that the intent is to finalize the 301-2025 draft and circulate it to Neal’s new Task Group for preliminary review before submitting any formal proposal through the [online ANSI Standards form](https://www.resnet.us/about/standards/submit-proposed-amendments/).

These revisions will affect hot water test references, rating case software results, and software verification outputs.

No objections were raised by committee members.

**New Business**  
Addendum 77 received 13 public comments, which will be distributed to the subcommittee for review.

301-2019 has 35 interpretation requests that do not roll over but need approval. 301- 2022 goes into effect July 1, 2025.

Changes to 301-2025 are tracked in an Excel sheet [here](https://www.dropbox.com/scl/fi/9ji4yln0sskwlwj5q2m47/CalcsSC_301-2025_Changes_Tracking.xlsx?dl=0&rlkey=08y4b4i50s4mbph8isdwlfa1u).

Many of these were interpretations after the group drafted 301-2022.

Gayathri will assign each subcommittee member to select five interpretation requests to address at the first meeting of the new Task Group.

**Interpretations Update:** All interpretations issued in 2019 must be formally documented and carried forward as interpretations for the 2022 version. These should be posted by the July 1 deadline to ensure they are available before widespread use of the updated standard begins.

**301-2019 Addendum C:** This addendum should be reviewed for any necessary updates or integration into the 2022 interpretations.

**Comprehensive Document Request:** Gayathri has drafted a comprehensive version and will share it with the group. The interpretations should be posted ahead of the deadline to avoid confusion or premature use.

**Standard ANSI/RESNET/ICC 301-2019**

* [**No. 301-2019-001 Fan Energy for Unmeasured Mechanical Ventilation**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR-2D301-2D2019-2D001-2DFanEnergyUnmeasuredMechVentilation-5Ffinal.pdf&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=3iR8b8tJejuZf17uMaK3DrTFIGNuuabfqVtNkdIy62E&e=)
* [**No. 301-2019-002 Ventilation Run Time**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR-2D301-2D2019-2D002-2DVentilation-2DRuntime-2Dand-2DControls-5F6moTP-2D1.pdf&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=TMfwR1IGOkRAkb9xXyeu82nsijWm4lZA8EjIk9QxmnA&e=)
* [**No. 301-2019-003 Total Duct Leakage Used as Duct Leakage to Outside**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR-2D301-2D2019-2D003-5FTotal-2DDuct-2DLeakage-2DResults.pdf&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=NC2cFy3p49oXkbZIia8DVkdLy36_3RIK8xQ8WmyeSLc&e=)
* [**No. 301-2019-004 Fibrous Insulation Installed on Conditioned Basement and Crawlspace**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR301-2D2019-2D004-5FFibrousInsulationOnConditionedBasementCrawlspace-5Fwebpost.pdf&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=imav9o2dOGXnllkCnjjiWy2IaPxF1mvIS2GWwPJ0a4Y&e=)
* [**No. 301-2019-006 Open Cell Foam Thickness**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR-2D301-2D2019-2D006-5FOpenCellFoamThickness-5Fwebpost.pdf&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=OFkQHuGZ2TY92MKefp1qiMshk2IrOo38WyfQUKedyMM&e=)
* [**No. 301-2019-007 Radiant Barrier Grading Requirements – Clarification**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR301-2D2019-2D007-5FRadiantBarrierGradingClarification-5Fwebpost.pdf&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=afcBLx2P5x6mNoU3HhSy8UBFPAArVTavIpNPpqbnWAY&e=)
* [**No. 301-2019-008 Radiant Barrier Grading Requirements – Roof**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR301-2D2019-2D008-5FRadiantBarrierGradingRoof-5Fwebpost.pdf&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=seVFBe3TS6RkHOPqpMUXyYTHczVF6-ZY9kWxIEe1Ppg&e=)
* [**No. 301-2019-009 Dwelling-Unit Mechanical Ventilation System fan watts**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR301-2D2019-2D009Dwelling-2DUnitMechVentSysFanWatts-5FSDC-5Fvf.docx&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=jLSIv2oSvHqz24VubijEuuGJVSfiuOoV6G-m-EkMMpg&e=)
* [**No. 301-2019-010 Air Barrier Requirements for Floor/Rim/Band in Unconditioned, Unvented Space**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR-2D301-2D2019-2D010Floor-2DRim-2DBand-2DUnconditioned-2DSpace-2DAir-2DBarrier-5Fwebpost.pdf&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=JZOmTctTkmlHNwOTiTWMxpWOQtfmDGedR5hLA_qEHLs&e=)
* [**No. 301-2019-011 Grading Installation and Modeling compressed R-Values**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR-2D301-2D2019-2D011-5FGrdngInstallModelingCompresd-2DR-2DValue-5Fwebpost.pdf&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=Uh9WcZi6mAzCdUDkK_MU16EBzS2GDZHG7KfnP6CP9sM&e=)
* [**No. 301-2019-013 Energy purchased from a Power Purchase Agreement (PPA)**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR-2D301-2D2019-2D013-5FPurchasedEnergy-5Fwebpost.docx&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=mbv4vv9GpmHrKhRIzBKjaqaX-uDiOTwJkv1N9QlngWA&e=)
* [**No. 301-2019-012 Wall Insulation Requirements for Cantilever Floor with Conditioned End**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR-2D301-2D2019-2D012-5Fvf-2D1.docx&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=lhaO4FnjFwpM6z8ZsdUp_jXZInzPxL-T4hLX6LW3QYc&e=)
* [**No. 301-2019-014 Percentage of Area Required for Visual Insulation Verification**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR-2D301-2D2019-2D014-5FPercentageAreaRequired-2DVisualInsulationVerification-5Fwebpost.pdf&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=HrJ4mpka9sgcm1YsBEt6jnV1BJwH6WFCPqmKTlvKbRg&e=)
* [**No. 301-2019-015 Procedure to Calculate the Area of a Door**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR-2D301-2D2019-2D015-5FDoorAreaCalculationProcedure-5Fwebpost.pdf&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=18FdRheWhj70vsquCXo_LqSx8vOPevGokLv55CROCpQ&e=)
* [**No. 301-2019-016 Attribution of Hot Water Loads Where Multiple Water Heaters are Present**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR-2D301-2D2019-2D016-5FAttribution-2Dof-2DHot-2DWater-2Dloads-5Fv.f.docx&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=_orjC82KCVnm2jqr2Sqkao7B4lxDS4MlNtPFHDwSXM4&e=)
* [**No. 301-2019-017 Dwelling Unit Mechanical Ventilation System Controls**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR301-2D2019-2D017-5FVntltnSysControls-5Fwebpost.docx&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=WMsdYF4l6ERUCtGVvpbVKXBED4RG0600UZ6M6kLeZrs&e=)
* [**No. 301-2019-018 Kitchen Faucet inclusion in Water Efficient Faucets**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR301-2D2019-2D018KitchenFaucet-5Fweb.docx&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=FisVttvaCyojRgBSm3KU-uSCT_Si4riCd9x7ZSiAGA0&e=)
* [**No. 301-2019-019 Air Tightness Test Requirement**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR-5F301-2D2019-2D019-5FAirtightnessTestRqmnt-5Fwebpost.docx&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=HF2xWLAoD7jOEuFo_O4yeEeDOrBIWaeMQDDYoVBbGyg&e=)
* [**No. 301-2019-020 Duct Testing for Shared Pre-conditioning Ventilation Systems**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR301-2D2019-2D020-5FShrdVntltnSysTstng-5Fwebpost.docx&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=2G1P2DvwX_Kt75EfK_Imk5IpFXjEHcmNwNNTondT-Do&e=)
* [**No. 301-2019-021 Effect of Compression in Insulation Grading**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR-5F301-2D2019-2D021-5FInsulCmprsnGrdng-5Fvfinal1.13.21-5Fwebpost.docx&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=LvT34037g2MB1ODR_9Wyz8cQrEtGFJrwEffggCV_uWc&e=)
* [**No. 301-2019-022 Duct Testing for Dedicated Pre-conditioning Ventilation Systems**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR301-2D2019-2D022-5Fwebpost.pdf&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=sGajfCYrqIIVmQvk4PHtHsSqU9BJhHQbWqJJQg4vrVw&e=)
* [**No. 301-2019-023 Insulation Is Not Required to Fill Floor Cavity to Achieve Grade I**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR301-2D2019-2D023-5FFloorCavityInsulFillForGradeI-5Fwebpost.pdf&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=2qMrTjmyILnNJL6VUCVJxSWv8vaA5D1InG9UXnVwapo&e=)
* [**No, 301-2019-024 Natatorium Rooms CSV and CFA**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR301-2D2019-2D024Natatorium-5FCSV-2DCFA-5Fwebpost-2D1.pdf&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=TDDrF1ltKpgx44MQPIVl1PPHuG1aWV_BqcvzXMpTzF0&e=)
* [**No. 301-2019-025 Efficiency Ratings for Mix-Matched AC Units**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR301-2D2019-2D025MixMatchACEquipEfficiency-5Fwebpost-2D1.pdf&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=kFRYfxxs0bgTOSLT88pMcf4OZgJW_YE8jTgLoqCgMHc&e=)
* [**No. 301-2019-026 Modeling Homes Without Builder Specified Appliances Installed**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR-2D301-2D2019-2D026-2DModelingHomesWithoutBuilderSpecifiedAppliances-5Fwebpost-2D1.pdf&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=jhSyVHHYixPG59z5zO7gFCZrXdfaGW3xaHoFt3D9g9g&e=)
* [**No. 301-2019-027 Modeling Continuous Bathroom & Kitchen Exhaust Ventilation**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR301-2D2019-2D027-5FKitchen-2DExhaust-5FSDCappvd-5F10.6.22.pdf&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=JcNucyMgmU1hcL57_6i3MnT7N0cmN0stvyEGW_0JD2s&e=)
* [**No. 301-2019-028 Balanced Mechanical Ventilation**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR301-2D2019-2D028-5FBalancedMechanicalVentilation-5Fwebpost.docx&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=cIeb8hK3z8H344RMMdHuLuPoOnJ-_u2GqTLR9UyxV6s&e=)
* [**No. 301-2019-029 Existing Wall Insulation Grade**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR301-2D2019-2D029Existing-2DWall-2DInsul-2DGrade-5Fwebpost.pdf&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=Lf5FmHtr4Y2W88VlUh34HtqmWen8Ee0LG0fSWUn5B_o&e=)
* [**No. 301-2019-030 Hot Water Distribution Piping Insulation Requirements**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR301-2D2019-2D030-2DHot-2DWater-2DDistribution-2DPiping-2DInsulation-5Ffinal.pdf&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=3gH43nS2n9ndAG9qUE28xKixyDZqHaLz6j3J9sif838&e=)
* [**No. 301-2019-031 Including Finished Space in Conditioned Floor Area**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR301-2D2019-2D031-2DIncluding-2DFinished-2DSpace-2Din-2DConditioned-2DFloor-2DArea-5Fwebpost2-2D1.pdf&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=cNtFgRYPUwNRkndjnx-yn9IMyRGKXhHKCLn8piFyKv8&e=)
* [**No. 301-2019-032 Hot Water Distribution Pipe Length Calculation Requirements**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR301-2D2019-2D032-2DHot-2DWater-2DDistribution-2DPipe-2DLength-2DCalc-5FSDC300-5Fwebpost.pdf&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=chaU-Lmm9JsMrJAVxg7RJsqCNM9qtrZ-nPV3uxTpTos&e=)
* [**No. 301-2019-033 Fixture Factor Determination**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR301-2D2019-2D033FixtureFactorDetermination-5Fwebpost.pdf&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=xaT4VyuDZaFS3cF4Q9wGoA007Ag35Zal2tr3pEMpYo8&e=)
* [**No. 301-2019-034 Prorating Shared Kitchen Appliances for Sleeping Units**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR301-2D2019-2D034-5FProratngSharedKithcenApplianceForSleepingUnits-5Fwebpost2.pdf&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=m1gg4ebavalhxtug6GuXynjQenmSVB1vK8kKYGPm3BM&e=)
* [**No. 301-2019-035 Core-filled CMU block walls cannot achieve Grade I**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.resnet.us_wp-2Dcontent_uploads_IR-5F301-2D2019-2D035CoreFilledCMU-5Fwebpost.pdf&d=DwMDaQ&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=wu3vxRLS-0JanXnE3gQ6XGTv579doRSF7MPUchGRtO2_6wvI51reMiSVvP0bGnlt&s=A4eeRD_zjZ3-jODMWx-R0nDq46DaUpFzVZ3L9Aetlxk&e=)

**Meeting adjourned at 2:12 PM ET**