

AGENDA – SSPC 140
Standard MOT for the Evaluation of Building Energy Analysis Computer Programs

Monday Jan 14, 2019; Atlanta

Time: 2:15P – 6:15P

Location: Cypress (M2, North), Omni

Chair: Joel Neymark

1. Introductions: Sign-in sheet, participant introductions, quorum (= 6 VMs).
2. Chair Announcements [5 min.]
 - See bottom of next page
3. Membership [5 min.]
4. Acceptance of Previous Minutes [5 min.]
5. Adjustments to Agenda? [5 min.]
6. 140-2017-A: Update Section 5.2 (IEA BESTEST thermal fabric, 1995) test spec/example results [Neymark 15 min].
 - Round 5 (final) sim trial draft distributed Sep 2018; 8 results sets through Dec 2018
 - Meeting summary BESTEST Thermal Fabric Working Group, and Schedule
7. DOE Empirical Validation Activities [Judkoff 15 min]
 - Project update, brief discussion
8. 90.1 Referencing of 140-2017 [Glazer 20 min.]
 - Updated language and public review status
 - Summary of Sunday ECB/140 4p – 6p discussion: acceptance criteria, etc.
 - Discussion: role of SSPC 140, etc.
9. Prioritization of Possible Test Suites [Neymark/McDowell/Others, 2 hours; 3:15p start.]
 - One-pager slides and discussion, 5 minutes per slide [Judkoff, Kruis, McDowell, Muehleisen, Neymark, Witte, in order of hardcopy notes sheet, 1 hour]
 - Initial round voting [Kruis/Neymark, 30 min.]
 - Further discussion and second round voting, if needed [30 min.]
10. SSPC 140 Website (<http://sspc140.ashraepcs.org/index.html>) [Sturm, 5 min.]
 - Updates this cycle
11. Future Stakeholder Meeting [Muehleisen 20 min]
 - Topics: Roadmap/Prioritization, User's Manual, Other
 - Meeting format: As separate workshop in K.C. (e.g. Wed 2p – 6p), or webinar
12. Forthcoming Basecamp Site [Neymark/Kruis 5 min]

[Following items if time permits]

13. Incentive Programs [Judkoff/Roth, 10 min]

- New IRS Sec 179D rules (commercial building tax deductions under PATH Act) for projects placed in service on or after Jan 1, 2016 require testing against Standard 140-2014 and use of 90.1-2007 as the base case (instead of 90.1-2001) .
- RESNET Accreditation:
 - HERS Tools; Existing Homes Tax Credit Compliance
 - 45L Tax Credit Compliance is by DOE, references RESNET

8a. 90.1 Referencing of 140-2017 - Recap [Glazer 10 min.]

- Recap discussion for late-arriving members

14. New business

15. Adjourn

For Item 2. Chair Announcements

- **140-2017 CM revision is current; integrates airside HVAC cases with 140-2014 test suites.**
- **IRS rules** re the deduction for energy efficient **commercial buildings** require software used for assessing tax credits be tested as follows for projects placed in service:
 - On/after Jan 1,2016: test to 140-2014 (except Secs. 5.2.4, 7, 8) **11 progs (26 vers.) qualified; up from 9/16 progs/vers last June**
 - On or before Dec 31, 2015: test to 140-2007, **13 programs qualified.**
- **New submittals to ron.judkoff@nrel.gov.**
- **Qualified programs listed at <http://energy.gov/eere/buildings/qualified-software-calculating-commercial-building-tax-deductions>** (Last check 09Jan2019).
- **RESNET or DOE list 3** (last check 09Jan2019) tools as either accredited for HERS ratings, “45L” tax credit compliance (DOE). Required tests are NREL’s HERS BESTEST (included in Std 140-2011,-2014), along with equipment modeling and other modeling tests developed by RESNET. “45L” submit to DOE (45Lsoftware@ee.doe.gov) **Other submittals to RESNET (<http://www.resnet.us/professional/programs/software>).**
- **ASHRAE 90.1 and 189.1 reference Standard 140;**
 - 90.1-2016, published Fall 2016, references 140-2014 (except Sections 7, 8).
- **2018 IECC cites 140-2014;** IGCC citation accords with IECC.
- **ASHRAE 90.2-2018 is published,** references Standard 140, Section 7