

**AGENDA – SSPC 140**  
**Method of Test for Evaluating Building Performance Simulation Software**

**Thursday Jun 17, 2021; Web Based**

**Time: 2:15P – 5:00P EST**

**Location: GoToMeeting -- Link: <https://global.gotomeeting.com/join/158600925>**

Optional phone dial-in. United States: +1 (571) 317-3129; Access Code: 158-600-925

**Chair: Joel Neymark      Vice Chair: Tim McDowell      Secretary: Mike Witte**

1. Introductions: Sign-in sheet, participant introductions, quorum (= 6 VMs). *[Neymark 5 min.]*
2. Chair Announcements *[Neymark 3 min. -- See bottom of next page]*
3. Membership *[Neymark 3 min.]*
4. Acceptance of Previous Minutes *[Neymark 5 min.]*
5. Adjustments to Agenda? *[Neymark 5 min.]*
6. 140-2020 CM Revision Update *[Neymark 2 min]*
  - Integrates Addenda *a* (thermal fabric update) and *b* (TPS) with 140-2017
  - Published May 2021
7. Weather Drivers *[McDowell 20 min]*
  - Progress summary, comments on test specification, discussion, and next steps
  - Additional discussion as Item 7A, if needed
8. Airside Volume 2 *[Neymark 15 min]*
  - Activities update; discussion later in meeting if needed (see Item 8A)
9. DOE Empirical Validation Activities *[Muehleisen/others 15 min]*
  - Project updates
10. Test Suite Prioritization Roadmap *[McDowell/Neymark 2 min]*
  - Current “living” roadmap document on Basecamp
  - Plan to discuss in greater detail in January
11. Future Stakeholder Meeting *[Muehleisen 10 min]*
  - Topics, prioritization, and meeting date
12. 90.1 Performance Rating Method (PRM) tests *[Roth 15 minutes]*
13. 90.1 ECB/140 Acceptance Criteria WG Summary *[Glazer 15 min; hold til 4p JG, else RM]*
  - Activities update
14. RESNET Test Activities: Merge Sec. 7 with Sec. 5, mechanical tests, etc. *[Kruis 5 min]*
  - Activities update; *Placeholder for Las Vegas, Kruis has conflict for Jun 17, 2021.*
15. TPS Review
  - New TPS approved/published Oct 2020 *[Neymark, 2 min]*
  - *Consider updates, if any, in early 2023, for 140-2023*

16. Tool Accreditation

- IRS Sec 179D [*Roth/Judkoff/Leach, 2 min*]
- RESNET/DOE 45L/Energy Star [*Kruis, 2 min*]:

*[Following discussion items, if needed – not necessarily in this order]*

7A. Weather Drivers [*McDowell*]

8A. Airside Volume 2 [*Neymark*]

Other, as needed.

*[Following items if Time Permits]*

17. Data.ashrae.org [*McDowell, 2 min.*]

- Repository for informative material

18. Basecamp Site [*Kruis 2 min*]

19. SSPC 140 Website (<http://sspc140.ashraepcs.org/>) [*McDowell, 2 min.*]

20. New business

21. Adjourn

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For Item 2. Chair Announcements

- **ASHRAE 90.1 and 189.1 reference Standard 140;**
  - 90.1-2019, published Oct 2019, refs 140-2017 (except Sections 7, 8).
- **2021 IECC cites 140-2014;** IGCC citation accords with IECC.
- **ASHRAE 90.2-2018, RESNET;** reference Standard 140, Section 7

For Item 16. Tool Accreditation

- **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) **13 progs (39 vers.) qualified; 5 new program versions since Jan 2021.**
  - On or before Dec 31, 2015: test to 140-2007, **13 programs qualified.****New submittals to [ron.judkoff@nrel.gov](mailto:ron.judkoff@nrel.gov).**  
**Qualified programs listed at <http://energy.gov/eere/buildings/qualified-software-calculating-commercial-building-tax-deductions>** (Last check 08Jun2021).
- **RESNET or DOE list 5 (1 new program since Jan 2021)** (last check 08Jun2021 tools as either accredited for HERS ratings or “45L” tax credit compliance (DOE <https://www.energy.gov/eere/buildings/list-approved-software-calculating-energy-efficient-home-credit>). Required tests are Std 140-2011, along with equipment modeling and other modeling tests developed by RESNET. “45L” submit to DOE ([45Lsoftware@ee.doe.gov](mailto:45Lsoftware@ee.doe.gov)) **Other submittals to RESNET** (<https://www.resnet.us/providers/accredited-providers/hers-software-tools/>).