



STATE OF WASHINGTON

STATE BUILDING CODE COUNCIL

Department of Enterprise Services

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Energy Code Technical Advisory Group Meeting Review Notes for March 12, 2021

Agenda Items	TAG Actions
1. Welcome and Introductions	Meeting called to order at 8:00 a.m. Kjell Anderson welcomed everyone and roll was called. A quorum was present. The chair noted it was likely that the meeting would need to be extended past 11 am to complete the agenda.
<p>TAG Members Present: Kjell Anderson, Chair; Michael Baranick*; Erik Bedell; CJ Brockway; Wade Craig*; Mike Fowler; Patrick Hayes; Gary Heikkinen; Scott Henderson; Luke Howard; Duane Jonlin; Elizabeth Joyce*; Jon Lange*; Mike McGivern; Henry Odum*; Erik Olon; Andrew Pultorak*; David Reddy; Lisa Rosenow; Poppy Storm*; Gavin Tenold; Shaun Vig; Amy Wheelless;</p> <p>Visitors Present: Caroline Traube, Corey Wilker, Andi Burnham, Mike Kennedy, Eric Lacey, Jeff Mang, Barbara McMullen, Kevin Myre, Ben Omura, Nick O'Neil, Taylor Pitts, Louis Starr</p> <p>TAG Members Absent: Martin Connor, Chris Holliday, Bill Kraus*, Allan Montpellier</p> <p>Staff: Krista Braaksma</p> <p style="text-align: right;">* indicates an alternate member</p>	
2. Review and Approve Agenda	Agenda approved as written.
3. Review and Approve Minutes	The meeting notes of the March 4, 2021 , meeting were approved as written.
5. Review Integrated Draft – 2021 Washington State Energy Code, Commercial	
<p style="text-align: center;"><i>Chapter 4 C403 (continued)</i></p>	<p>In Section C403.7.6.1, it was felt that the IECC language was less stringent than the current WSEC. The WSEC does not have an exception for dwelling units under 500 square feet. Also, concern was expressed about the lack of definition for transient/nontransient dwelling units and enforcement. This section for nontransient dwellings was removed and existing Section C403.3.6 moved to this location.</p> <p>Section C403.7.8.1, Mike Kennedy noted that the IECC value in Exception 1.2 is 300 cfm.</p> <p>There was some discussion on Section C403.8.2, Motor nameplate horsepower, as to whether 1 hp and 0.89 kW were redundant. It was decided to combine these two exceptions. And Section C403.8.3 Exception 1 was coordinated to mirror this change.</p> <p>Section C403.8.3, Exception 6 was modified to move the definition for ceiling fan to Chapter 2 and remove that language here.</p> <p>For Section C403.9.1, it was suggested that the individual table citations be kept rather than substituting a generic reference to all of the efficiency tables, since that would be less confusing with the next sentence that states equipment shall meet C403.3.2(7).</p> <p>Section C403.9.2.5—There was concern that this new section conflicted</p>

	<p>with existing language regarding healthcare facilities. It was determined that this section should be struck as it's less stringent and someone submit a code change proposal to correlate new language with existing WSEC.</p> <p>It was noted that Section C403.14 would need to be correlated with the temperature set points in C403.4.1.6.</p>
C404	<p>The change to Section C404.7.1, moving item 2 from C404.8 into this section, was determined to be conflicting with the requirements of C404.7.1 and so was left in C404.8. C404.8 was returned to the existing 2018 WSEC language.</p>
C405	<p>The TAG determined that the reference to sleeping units should be retained in Section C405.1.1 since it is referenced in C405.1. Duane Jonlin, CJ Brockway and Mike Kennedy all felt this section warranted further attention and will propose changes.</p> <p>The TAG looked at the controls section and felt there was a need to include a definition of corridor to the code for clarity. It was also discussed how to handle controls in library stacks, which was previously included in the warehouse controls section in the WSEC—specifically if it should be added to the list of spaces in C405.2.1 or added to C405.2.1 or left in the exception to C405.2.1.1.</p> <p>Mike Kennedy noted that in Section C405.2.1 and C405.2.2 there are exceptions for luminaires required to have specific application controls, but in some cases they are still required to have other controls. The exceptions were modified to include “unless specifically required to comply with this section by Section C405.2.6.”</p> <p>TAG consensus was also that although section C405.2.4 introduces a change that reduces stringency, it should be retained.</p> <p>In Section C405.2.4, the exceptions are repeated in the next subsection. The ones in Section C405.2.4.1 should be deleted.</p> <p>The TAG eliminated the WSEC Section C405.2.4.1.1 on dimming; it is effectively covered by item 5 of Section C405.2.5.1.</p> <p>Under item 2 of Section C405.2.5.2, the last sentence was struck as it is incompatible with current Washington requirements.</p>
MOTION:	<p>Mike Fowler and Lisa Rosenow moved to extend the meeting until noon. The motion carried with two opposing votes.</p>
	<p>In Section C405.2.8, the exceptions to the parking garage lighting control requirements were removed as being less stringent. There were other lighting control requirements for parking garages in Sections C405.2.1.4 and C405.2.5.2 that were removed to prevent conflicts. Under Section C405.4.2.2, the TAG elected to keep the Washington language in item 1 stating that a space with multiple functions be broken up into small subspaces.</p> <p>It was noted there is an error in the current lighting table for library reading area; the WSEC value shows 0.31 W/ft² while ASHRAE (where these numbers were drawn from) has 0.96. This should be corrected in an errata.</p> <p>The TAG opted to go with the IECC language for receptacle control in Section C405.10. There was some discussion about removing item 2.3 from C405.10.1 as being possibly less stringent, but in the end it was left as is.</p>
C406	<p>There was extensive discussion of the revisions in the IECC Section C406 and it was determined that a task group would compare the WSEC and IECC versions to determine if changes should be made. In the interim, the</p>

	2018 WSEC language will be retained.
4. Meeting Schedule	Krista Braaksma will poll the TAG members and schedule the next meeting.
5. Adjourn	The meeting was adjourned at 12:00 p.m.

Attachments: Revised Integrated Draft