



STATE OF WASHINGTON

STATE BUILDING CODE COUNCIL

Department of Enterprise Services

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Energy Code Technical Advisory Group Meeting Review Notes for October 4, 2019

Agenda Items	TAG Actions
1. Welcome and Introductions	Meeting called to order at 9:02 a.m. Kjell Anderson welcomed everyone and introductions were made
<p>TAG Members Present: Kjell Anderson, Chair; Alan Nolan; Amy Wheelless; Bruce Carter; Chuck Murray; Dave Baylon; David Reddy; Gary Heikkinen; Hans Frederickson, Kim Barker; Mike Fowler; Mike Lubliner; *Poppy Storm; Treasa Sweek</p> <p>Visitors Present: Eric Vander Mey, Dan Wildenhaus, Dave Nehren, Duane Jonlin, Larry Andrews, Lisa Rosenow, Nancy Bernard, Samuel Jefferson, Shilpa Surana, Steve Wilcox</p> <p>TAG Members Absent: Alan Duer, CJ Brockway, Jason Ramey, Patrick Hayes, Robby Oylear, Tena Risley, Todd Blevins, Paul Highly</p> <p>Staff: Krista Braaksma</p> <p style="text-align: right;">* indicates an alternate member</p>	
2. Review and Approve Agenda	The agenda was approved as written.
4. Review of Commercial Admin/Scope and Envelope Code Change Proposals	
HB 1112	<p>The TAG discussed the implications of the bill addressing the use of hydrofluorocarbons in the state and change in allowable refrigerants and propellants. There was a debate on whether this was something that should be addressed by the Council via the Energy Code, or if the actions being taken by the industry—manufacturers and distributors—and the federal government adequately address the issue. There was some confusion as to the language in the bill and exactly what equipment was affected, and what the substitutes in Section 7 referenced or allowed.</p> <p>Chuck shared some correspondence he's had with Ecology on the issue and covered equipment. Lisa felt there should be some kind of pointer in the code to assist with enforcement; what would and would not be allowed. Larry Andrews commented that the refrigerant used impacts the efficiency rating of HVAC equipment and there could be required efficiencies that can no longer be met with the approved substitute refrigerants.</p> <p>After further discussion, the TAG came up with the following list of questions for Ecology:</p> <ul style="list-style-type: none">• How do you interpret Sec. 3(a)(iii)? Specifically, what would be considered "remote condensing units?"• Is any of the equipment listed in the efficiency tables of the Washington State Energy Code affected by the legislation? If so, when?

	<ul style="list-style-type: none"> • Is there any type of vesting for projects already permitted? • Does Ecology have the ability to issue temporary waivers for equipment types and refrigerants included in the legislation? I • Is there a list of what refrigerants are outlawed and when? Can you clarify what “substitute” means and what would be allowable? • Will there be a labeling program for construction materials? With this be in addition to labeling already required by the building codes, or inclusive of existing requirements? <p>Motion: Alan Nolan, Treasa Sweek moved to recommend no action be taken. The motion failed, 3 to 6.</p> <p>Motion: Dave Baylon, Treasa Sweek moved to send the list of questions to Ecology and forward the answers to the MVE Committee to determine if action was necessary. The motion carried, with one abstention and no opposing votes.</p>
<p><u>SB 5223</u></p>	<p>This bill on energy net metering contains a section directing the State Building Code Council, in consultation with Commerce and local governments, to adopt changes necessary to encourage greater use of renewable energy systems.</p> <p>Motion: Dave Baylon, Treasa Sweek moved to recommend the Council perform the study with the involvement of the Energy Code TAG. The TAG also recommends a completion date of Jan, 1, 2020, to allow development of language for the 2021 Energy Code. Another recommendation is that there is a need to consider the efficiency of the building as a whole. The motion carried with no opposing votes.</p>
<p><u>HB 1257</u></p>	<p>Chuck Murray reported on the process Commerce is using to develop the energy performance standard. The standard will be based on ASHRAE 100, with a set of utilization standards to be developed by a contractor. Commerce will be holding a round of webinars over the next month, followed by weekly meetings through December.</p> <p>There is a sign up for interested parties on the <u>Commerce website</u>, along with links to ASHRAE 100 and the enabling legislation. He recommended that anyone interested review ASHRAE 100 prior to signing up.</p> <p>Motion: Dave Baylon, Mike Lubliner moved to recommend that the Council be included in the development of the standard, especially any portion of the standard that may affect the energy code. The motion carried with no opposing votes.</p>
<p>4. Adjourn</p>	<p>The meeting was adjourned at 11:21 a.m.</p>