



STATE OF WASHINGTON

STATE BUILDING CODE COUNCIL

Department of Enterprise Services

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Commercial Energy Code Technical Advisory Group Meeting Meeting Review Notes for August 29, 2023

Agenda Items	TAG Actions
1. Welcome and Introductions	Kjell Anderson, TAG Chair, called the meeting to order at 8:31 a.m. Roll was taken, and it was established that a quorum was present. Members of the public were invited to introduce themselves.
<p>TAG Members Present: Kjell Anderson, Chair; Michal Fowler; Scott Henderson; Shane Niles; Duane Jonlin; *Ray Allshouse; Lisa Rosenow; *Henry Odem; Erik Bedell; *Sarah Brede; David Reddy; Gary Heikkinen; *Kevin Duell; Irina Rasputnis; Poppy Storm; Shaun Vig; Allan Montpellier; Erik Olon; Gavin Tenold; Patrick Hayes; Luke Howard; *Liz Reichert; Gary Johnson</p> <p>TAG Members Absent: Chris Holiday, Martin Connor, *Michael Baranick, *Chris Boroughs, CJ Brockway, *Andrew Pultorak, *Elizabeth Joyce, *Jon Lange, Michael Curtright</p> <p>Visitors Present: Council members: Jay Arnold, Tom Handy, and Roger Heeringa</p> <p>Katie Ball, Julie Banerjee, Kim Barker, Katya Bautista, Steve Belzak, Andi Burnham, Ian Casey, Brian Cawley, Michael Cook, Mallorie Davies, Bryan Galvin, Max Greenheck, Brenden Guffin, Brian Haugk, Paul Hinty, Ty Jennings, Hoyt Jeter, Stanley Joshua, Jonny Kocher, Eric Lacey, Jeremy Larson, Jamie Long, Doug Maddox, Sean Mangeley, Dave Nehren, Andy Newell, Scott Peterson, Noah Phillips, John Rodriguez, Kevin Rose, Jonathan Sargeant, Andrea Smith, Alakai Souza, Shilpa Surana, Quyen Thai, Kelly Thomas, Ted Williams, Tom Young</p> <p>Staff: Stoyan Bumbalov, Krista Braaksma, Annette Haworth, Kris Irelan, Dustin Curb, Rozanna Ghanie</p> <p style="text-align: right;">*Indicates an alternate member</p>	
2. Review and Approve Agenda	Duane Jonlin moved to approve the Agenda, Erik Bedell seconded, the motion passed.
3. Review and Approve Minutes	Duane Jonlin moved to approve the minutes from July 18, 2023, Erik Bedell seconded, the motion passed.
4. Continue Review of Commercial Energy Proposals for EPCA Considerations and Legal Requirements <ul style="list-style-type: none">• Review revised proposals for 036 Options and 037 based on motion from prior meeting, including modeling to inform new credit requirements.• Review Chapter 5 proposals (027, 028)	Kjell Anderson provided a brief summary of past meetings and the expectations for today's meeting with possible actions of both the MVE Committee and Council at their September meetings. <p>Jonny Kocher provided a brief overview of the revised proposals and noted a working group had met to work on the revisions proposed at previous meetings. He then noted that his proposal has the information dispersed throughout where Duane's is in one section.</p> <p>Duane Jonlin noted his proposal has all information in one section and noted that if a section was removed it could propose issues as compared to all information in one section being simple and straight forward.</p> <p>Jonny Kocher presented his "Amended version of 21-GP3-037" pointing out amendments. Some clarifying questions were asked, and Jonny responded. Additional discussion was held on discrete area-weighted project compliance. Several proposals were discussed, and Kjell Anderson</p>

- Consider any other proposals and packages

suggested, after further discussion, providing the MVE Committee with a couple options. Discussion ensued on supplemental/mixed fuel space heating. Further discussion was held on circuit to conduit and possible language options to better fulfill the intent. Kjell Anderson suggested, again, providing additional options to the MVE Committee instead of using the TAGs time to wordsmith the amended proposal.

Comments were heard on the amended proposal and language options to submit to the MVE Committee. Further discussion was held on training, consistency and expense related to the proposal. EPCA requirements were also discussed.

Jonny Kocher shared his presentation "[2021 Washington State Energy Code Commercial Proposals](#)".

Comments were made on the amended proposal and suggested language was proposed, specifically 4. Defrost and 5. Air-to-air heat pumps. The EPCA requirements were brought up with concern to changes being suggested. Suggested changes to Table C406.1.3.1 credits was made, and Kjell Anderson requested these suggested changes be submitted, in writing, to Staff to allow the TAG to review. Further discussion was held on suggested changes, to which Kjell Anderson said could be included in a motion, when appropriate. It was suggested to generate a cost associated for the proposed changes/credits and provide to the MVE Committee and SBCC, to help in understanding costs. Comments were made on enforcement and training and making sure the language is clear for all of those using the Code.

Stoyan Bumbalov reviewed the schedule and process steps including dates of milestones. Clarifying questions about the process were asked and answered. Staff then shared and reviewed the actual filings that were submitted.

Duane Jonlin presented his "[revised proposal 21-GP3-037](#)". He noted how it differs from Jonny Kocher's proposal by having all information in one place in the Code as opposed to having information in different sections. Duane noted his proposal is prescriptive path only and Jonny Kocher's performance path needs to be included. Clarifying questions were asked and answered. Discussion was held on the credits in Table C401.3.3, how they are calculated and how they compare to Jonny Kocher's proposal. It was suggested a clear answer from the modelers and bring to the MVE Committee, if necessary.

As requested, earlier, Shane Nilles submitted a draft request for 406.1.3.1 and 406.1.3.2 to Staff and as it was shared on the screen, Shane provided explanation of his proposed language. After several TAG members found the information confusing and hard to follow, Kjell Anderson suggested providing some examples for review by the MVE Committee.

Discussion was held on changes to Code language being proposed and how related to EPCA requirements.

Motion: Erik Bedell moved to amend language in Jonny Kocher's 037 proposal by replacing every place it says "supplemental heating sources" or "electric resistance" is changed to "electric resistance or fossil fuel heating" in Sections 4, 6, and 7, Gary Johnson seconded.

Discussion was held on the motion. It was suggested to make the changes and send to TAG for review, prior to voting. It was then brought up that there was never a motion to approve the proposal therefore not able to make amendments to the proposal. The motion was then rescinded by Erik Bedell and Gary Johnson agreed.

Motion: David Reddy moved to amend the previous motion by replacing 036 option 1 and 2 with Jonny Kocher's proposal 21-GP3-037, Erik Bedell seconded.

Both David and Erik spoke to the motion.

Amended Motion: Kevin Duell moved to amend the motion by including the revisions suggested previously by Erik Bedell to replace the words "electric resistance" with "electric resistance or fossil fuel heating" in all locations in C403.1.4; 2; Exceptions: 1, 2, 3, 4, 5, 6, 7, 10, 14, 15 and 16, Greg Johnson seconded, the motion failed 6 to 11.

Both Kevin Duell and Greg Johnson spoke to the motion.

Lisa Rosenow addressed the stricken sentence in the motion (also strike the last sentence in C403.1; 1 "Dedicated circuits...") and asked for that part of the motion to be removed and allow for discussion before making a decision. Both Kevin and Greg were accepting of Lisa's suggestion.

Comments were heard against the amended motion.

Amended Motion: Kevin Duell moved to strike the last sentence in C403.1; 1 "Dedicated circuits...", Gary Johnson seconded, the motion passed 9 to 8.

Gary Johnson spoke to the motion. It was again requested to separate this amended motion from the main motion and further discuss before making a decision and striking the sentence. Comments against the amended motion were heard.

Amended Motion: Lisa Rosenow moved to incorporate the sentence that was just struck and include Greg Johnson's suggestion of items 1-4 as proposed earlier and shared on the screen, David Reddy seconded.

Greg Johnson explained his suggestions from C403.1.4; 1; bullet points 1-4.

Discussion was held on the amended motion.

Lisa Rosenow amended her motion to include the 4 bullet points in other areas of the proposal.

Further discussion was held on the amended motion with some members opposing the suggestions. Discussion was held on the intent of the proposed changes in relation to cost which led to further discussion related to cost.

Lisa Rosenow suggested further edits to the bullet points to make consistent code language, as shown. David Reddy agreed with the edits.

Amended motion: Lisa Rosenow moved to incorporate the sentence that was just struck and include Greg Johnson's suggestion of items 1-4 as amended and shown, David Reddy seconded, the motion passed 10 to 5.

The main motion was defined, and discussion was held. Discreet area-weighted was discussed and it was decided to convene a group to work on the language and bring to the MVE Committee.

Motion: Erik Bedell moved to amend language in Jonny Kocher's 037 proposal by replacing every place it says "supplemental heating sources" or "electric resistance" is changed to "electric resistance or fossil fuel heating" in Sections 4, 6, and 7, along with the amended motions that were passed, Gary Johnson seconded, the motion passed 13 to 1 with 2 abstentions.

Motion: Duane Jonlin moved to accept Duane Jonlin's 037 revised proposal with the same modifications that were made to Jonny Kocher's proposal, Mike Fowler seconded, the motion passed 9 to 7.

	<p>Duane and Mike both spoke to the motion and agreed it best to send options to the MVE Committee. Erik Bedell said he wanted only one proposal forwarded on to the MVE Committee.</p> <p>Jonny Kocher presented his amended proposal for 21-GP3-036 Revision 3. Discussion was held on the amended proposal.</p> <p>Motion: Duane Jonlin moved to accept 21-GP3-036 Revision 3 to the MVE Committee for review, Lisa Rosenow seconded, the motion passed with no opposition.</p> <p>Chapter 5 – Existing Buildings</p> <p>Ian Casey presented proposal 027 and pointed out changes to meet EPCA requirements.</p> <p>Motion: Gary Heikkinen moved approval of 21-GP3-027 with amendments, Greg Johnson seconded, the motion passed with no opposition.</p> <p>Shane Nilles suggested striking out Table C503.4.6, lines 3 and 4.</p> <p>Kevin Duell made a friendly amendment, as shown, for Section C403.1.4 (Or C401.3 for Duane’s proposal) and in note b. 1.10 to 1.05, which were accepted by both Gary and Greg.</p> <p>Ian Casey presented proposal 028 and pointed out changes to meet EPCA requirements.</p> <p>Motion: Gary Heikkinen moved approval of 21-GP3-028, Greg Johnson seconded, the motion passed with no opposition.</p> <p>Discussion was held on the EXCEPTION portion and suggested changes were made “(for C401.XX for Duane’s proposal)” which was accepted by Gary and Greg as a friendly amendment to the motion.</p>
5. Adjourn	The meeting was adjourned at 1:57 p.m.