



STATE OF WASHINGTON

STATE BUILDING CODE COUNCIL

1500 Jefferson Street SE • P.O. Box 41449 • Olympia, Washington 98504
(360) 407-9255 • e-mail sbcc@des.wa.gov • www.sbcc.wa.gov

TO: Energy Code Technical Advisory Group Members and All Interested Parties

FROM: Kjell Anderson, TAG Chair

SUBJECT: **ENERGY CODE TAG MEETING**

ZOOM INFO: **In response to COVID-19 there will not be a physical location. Please access the meeting via Zoom or phone.**
For Zoom [Click This Link](#) at the start of the meeting
Meeting ID 985 0170 1613 Password: 506118
For Zoom Telephone link call: 888-788-0099

DATE: **Friday, August 13, 2021**

TIME: **8:30 a.m. – 3:00 p.m.**

NOTE: If the TAG does not make it through all the proposals on the agenda, the remainder will move to the next scheduled meeting.

AGENDA

1. Welcome and Introductions
2. Review and Approve Agenda
3. Review and Approve Minutes of July 16, 2021 and July 30, 2021
4. Proposals Tabled from Earlier Meetings
 - [21-GP1-239](#) DOAS Tempering – Odum
 - [21-GP1-235](#) Data Center MLC Updates – O'Neil
 - [21-GP1-194](#) PTHP Controls – Kennedy
 - [21-GP1-184](#) PTHP Econo Exception for Group R-1 and I-1 – Rosenow
 - [21-GP1-185](#) Group R-2 Exclusion for Econo Exception 1 – Rosenow
 - [21-GP1-228](#) Airside Economizer Clarification – Vander Mey
 - [21-GP1-166](#) Hydronic System Max Flow in Piping System – Jonlin
 - [21-GP1-227](#) DDC Controls – Vander Mey
 - [21-GP1-240](#) Operable Openings Interlock – Odum
 - [21-GP1-190](#) DCV – Kennedy
 - [21-GP1-229](#) Parking garage vent controls – Vander Mey
 - [21-GP1-236](#) Kitchen DCV – O'Neil
 - [21-GP1-191](#) Garage Ventilation – Kennedy
 - [21-GP1-226](#) Refrigerant piping clarifications – Vander Mey

- [21-GP1-172](#) Radiant heating required for unheated spaces – Jonlin
 - [21-GP1-097](#) DR Thermostats – Denniston
 - [21-GP1-099](#) DR Water Heaters –Denniston
 - [21-GP1-095](#) Indoor Horticulture Dehumidification – Denniston
5. **12 pm Key Issues Review/Discussion: Heat Pump Water Heating/C406**
- **Heat Pump Water Heating**
 - [21-GP1-136](#) Heat Pump Water Heating – Kocher
 - **C406**
 - [21-GP1-206](#) HVAC applications — Hart
 - [21-GP1-078](#) C406/C411 Renewable Energy — M Frankel
 - [21-GP1-146](#) Additional efficiency — M Frankel
6. Other C406 Proposals
- [21-GP1-221](#) Building areas and occupancies – Vander Mey
 - [21-GP1-220](#) On-site renewable energy – Vander Mey
 - [21-GP1-120](#) Community solar project – Vander Mey
 - [21-GP1-121](#) Low-Carbon district energy (three proposals) – Clipper
 - [21-GP1-211](#) High performance DOAS – Whitlatch
 - [21-GP1-210](#) Reduced lighting dwelling units – Whitlatch
 - [21-GP1-106](#) Enhanced commercial kitchen equipment – Ratcliff
 - [21-GP1-107](#) Fault detection and diagnostic system – Ratcliff
 - [21-GP1-109](#) DOAS with heat recovery – Guenette
 - [21-GP1-212](#) Clarification of service water heat pump efficiencies – Little
 - [21-GP1-214](#) Drain water heat recovery – Little
 - [21-GP1-215](#) High efficiency circulation systems – Little
 - [21-GP1-218](#) Low flow showerheads – Little
 - [21-GP1-217](#) UPC peak demand pipe sizing – Leitner
 - [21-GP1-231](#) Heat pump dryers – Bonnes
 - [21-GP1-232](#) Radiant heating and cooling – Bonnes
 - [21-GP1-233](#) Temp set points – Bonnes
 - [21-GP1-140](#) High efficiency gas appliances – Kirschner
 - [21-GP1-213](#) High performance temperature maintenance system – Christor
 - [21-GP1-088](#) Enhanced kitchen and laundry equipment – Athalye
7. Chapter 5 and Miscellaneous Proposals
- [21-GP1-179](#) C405.7.1 Electrical receptacles at gas appliances — Jonlin
 - [21-GP1-137](#) C202, C405.13 UPS efficiency for computer rooms — O'Neil
 - [21-GP1-122](#) District energy/C407 (two proposals) — Clipper
 - [21-GP1-101](#) C408 Lower Commissioning exception thresholds — D Smith

- [21-GP1-238](#) C409 Metering corrections/clarifications — Rosenow
 - [21-GP1-222](#) C409.1 Source vs End use metering exceptions — Vander Mey
 - [21-GP1-089](#) C409.4.3 Energy display – Athalye
 - [21-GP1-223](#) C409.4 Consumption rate and display clarifications — Tanner
 - [21-GP1-128](#) C410 Unscramble refrigeration language — Kennedy
 - [21-GP1-115](#) C411.1, Ch. 5 Solar Readiness Provision — Rosenow
 - [21-GP1-193](#) C412 Compressed Air — Kennedy
 - [21-GP1-112](#) Chapter 5 Language Cleanup — Rosenow
 - [21-GP1-079](#) New C501.7 Building Energy Performance EUI — M Frankel
 - [21-GP1-114](#) Ch. 5 Change in space conditioning — Rosenow
 - [21-GP1-102](#) New C506 Historic Buildings — Denniston
 - [21-GP1-183](#) Table C503.4 PTHP PTAC — Rosenow
 - [21-GP1-118](#) New C503.8 compliance path for building alterations — Baranick
8. Cleanup Remaining
- [21-GP1-159](#) Thermal Bridging – Jonlin
 - [21-GP1-103](#) Heat Pump Space Heating – Kocher
 - [21-GP1-163](#) Correlating pump motors (request to revisit from Duane)
 - [21-GP1-070](#) Cleanup of remaining items on C407 – Rosenberg
 - [21-GP1-094](#) Additional Interior Lighting Power – Brockway
 - [21-GP1-224](#) Revisit Definitions-unconditioned space/air barrier – Whitlatch
 - [21-GP1-230](#) Defining C406 Areas—correlate with 224 – Whitlatch
9. Adjourn

Public Comment allowed on each agenda item
See TAG website for copies of referenced documents:

<https://sbcc.wa.gov/meeting-schedules-agendas/technical-advisory-groups/energy-code-tag>